

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
 Data File : BM026317.D
 Acq On : 10 Jun 2020 00:49
 Operator : JU/CG
 Sample : L2961-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Manual Integrations
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mohammad
 6/10/2020 11:51:27 AM

Quant Time: Jun 10 01:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	161574	20.00	ng	0.00
21) Naphthalene-d8	10.19	136	599990	20.00	ng	0.00
39) Acenaphthene-d10	14.08	164	333488	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	656568	20.00	ng	0.00
76) Chrysene-d12	21.04	240	647280	20.00	ng	0.00
86) Perylene-d12	23.14	264	679195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	44557	4.88	ng	0.00
7) Phenol-d6	6.63	99	284226	21.48	ng	0.00
23) Nitrobenzene-d5	8.57	82	703136	57.54	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	985	0.24	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1364119	62.09	ng	0.00
79) Terphenyl-d14	19.49	244	1899070	56.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	140005	33.980	ng	99
3) Pyridine	3.42	79	393648	32.528	ng	98
4) n-Nitrosodimethylamine	3.33	42	206372	34.443	ng	93
6) Aniline	6.77	93	362176	20.866	ng	99
8) 2-Chlorophenol	7.00	128	388547	36.861	ng	99
9) Benzaldehyde	6.58	77	274222	32.498	ng	95
10) Phenol	6.66	94	508252	36.065	ng	98
11) bis(2-Chloroethyl)ether	6.87	93	382193	33.670	ng	98
12) 1,3-Dichlorobenzene	7.32	146	428747	36.738	ng	96
13) 1,4-Dichlorobenzene	7.46	146	433906	36.502	ng	99
14) 1,2-Dichlorobenzene	7.77	146	412826	35.552	ng	98
15) Benzyl Alcohol	7.67	79	363181	32.320	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.96	45	664908	31.364	ng	99
17) 2-Methylphenol	7.89	107	330000	32.038	ng	97
18) Hexachloroethane	8.48	117	166801	37.051	ng	97
19) n-Nitroso-di-n-propylamine	8.24	70	323449	31.366	ng	97
20) 3+4-Methylphenols	8.22	107	438079	31.205	ng	99
22) Acetophenone	8.25	105	570285	36.964	ng	98
24) Nitrobenzene	8.62	77	471828	36.885	ng	98
25) Isophorone	9.14	82	812173	35.378	ng	99
26) 2-Nitrophenol	9.32	139	203642	40.225	ng	99
27) 2,4-Dimethylphenol	9.40	122	323927	40.531	ng	99
28) bis(2-Chloroethoxy)methane	9.63	93	487298	37.414	ng	99
29) 2,4-Dichlorophenol	9.85	162	338000	38.546	ng	99
30) 1,2,4-Trichlorobenzene	10.06	180	374322	38.929	ng	97
31) Naphthalene	10.23	128	1151559	38.086	ng	100
32) Benzoic acid	9.56	122	115954	21.265	ng	98
33) 4-Chloroaniline	10.36	127	164355	12.463	ng	98
34) Hexachlorobutadiene	10.53	225	235163	38.740	ng	98
35) Caprolactam	11.15	113	102536m	33.283	ng	
36) 4-Chloro-3-methylphenol	11.50	107	375302	35.124	ng	98
37) 2-Methylnaphthalene	11.86	142	793834	36.844	ng	98
38) 1-Methylnaphthalene	12.09	142	748496	36.672	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	400603	42.200	ng	98

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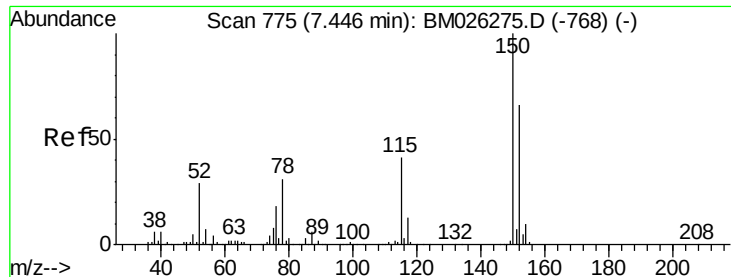
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Quant Time: Jun 10 01:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.22	237	536685	95.935	nq	99
43) 2,4,6-Trichlorophenol	12.50	196	259555	40.395	nq	99
44) 2,4,5-Trichlorophenol	12.57	196	274005	36.738	nq	99
46) 1,1'-Biphenyl	12.90	154	952006	40.718	nq	100
47) 2-Chloronaphthalene	12.94	162	747147	39.343	nq	99
48) 2-Nitroaniline	13.16	65	266412	35.397	nq	96
49) Acenaphthylene	13.80	152	1169837	38.514	nq	100
50) Dimethylphthalate	13.56	163	1014659	41.598	nq	100
51) 2,6-Dinitrotoluene	13.67	165	197228	36.848	nq	96
52) Acenaphthene	14.14	154	694167	38.068	nq	100
53) 3-Nitroaniline	14.00	138	94018	15.774	nq	95
54) 2,4-Dinitrophenol	14.22	184	219767	67.557	nq	97
55) Dibenzofuran	14.49	168	1094116	37.239	nq	100
56) 4-Nitrophenol	14.34	139	329650	69.744	nq	96
57) 2,4-Dinitrotoluene	14.47	165	267639	35.962	nq	100
58) Fluorene	15.14	166	879276	36.845	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	237979	37.304	nq	98
60) Diethylphthalate	14.93	149	875701	35.247	nq	100
61) 4-Chlorophenyl-phenylether	15.14	204	448646	35.443	nq	100
62) 4-Nitroaniline	15.17	138	198059	31.159	nq	95
63) Azobenzene	15.43	77	978502	35.996	nq	99
65) 4,6-Dinitro-2-methylphenol	15.24	198	153373	38.415	nq	93
66) n-Nitrosodiphenylamine	15.36	169	748596	39.358	nq	99
67) 4-Bromophenyl-phenylether	16.03	248	271251	37.529	nq	98
68) Hexachlorobenzene	16.14	284	295910	39.235	nq	97
69) Atrazine	16.33	200	241628	42.522	nq	99
70) Pentachlorophenol	16.50	266	345135	75.991	nq	99
71) Phenanthrene	16.87	178	1324806	38.747	nq	99
72) Anthracene	16.96	178	1351070	39.593	nq	100
73) Carbazole	17.24	167	1196069	36.961	nq	100
74) Di-n-butylphthalate	17.83	149	1469885	38.517	nq	100
75) Fluoranthene	18.90	202	1540523	39.299	nq	99
77) Benzidine	19.10	184	696476	51.802	nq	99
78) Pyrene	19.26	202	1538154	35.965	nq	100
80) Butylbenzylphthalate	20.20	149	647754	37.454	nq	98
81) Benzo(a)anthracene	21.03	228	1455788	37.469	nq	99
82) 3,3'-Dichlorobenzidine	20.97	252	310134	25.800	nq	100
83) Chrysene	21.08	228	1424348	38.470	nq	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1005890	40.790	nq	100
85) Di-n-octyl phthalate	21.84	149	1651060	43.401	nq	98
87) Indeno(1,2,3-cd)pyrene	25.20	276	1752160	44.597	nq	99
88) Benzo(b)fluoranthene	22.53	252	1472744	36.046	nq	99
89) Benzo(k)fluoranthene	22.57	252	1469533	37.022	nq	99
90) Benzo(a)pyrene	23.05	252	1369589	37.742	nq	99
91) Dibenzo(a,h)anthracene	25.21	278	1469849	44.812	nq	99
92) Benzo(g,h,i)perylene	25.82	276	1448476	46.407	nq	99

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



#1

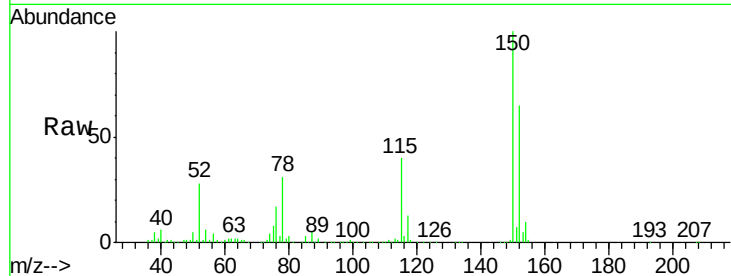
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.1	183.1
115	61.7	49.7	74.5

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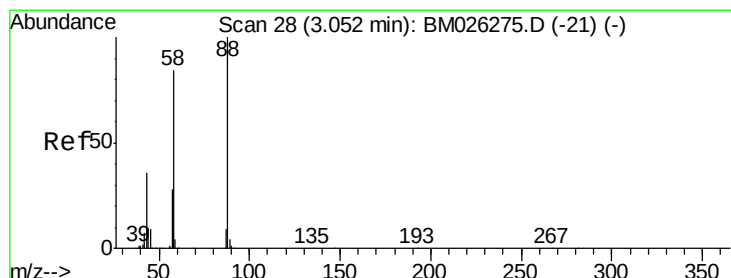
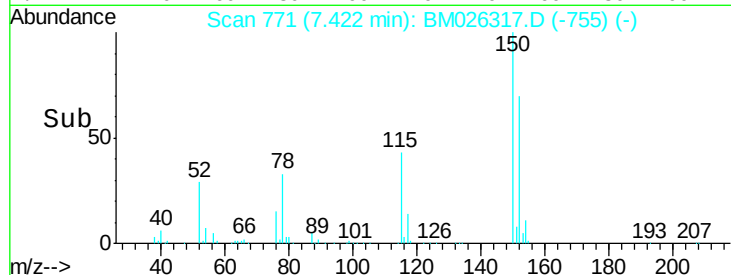
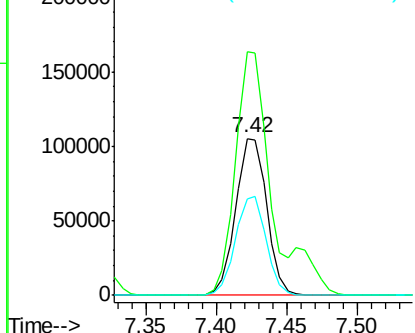


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

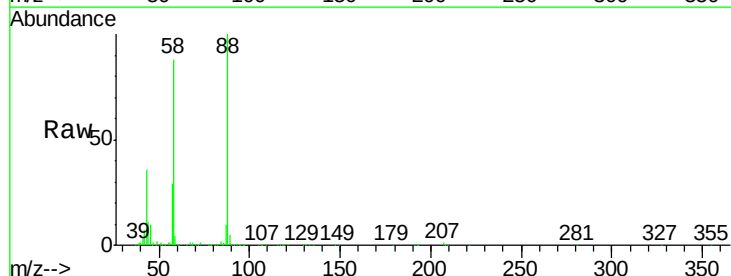
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.980 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	69.0	103.6
43	34.8	28.6	43.0

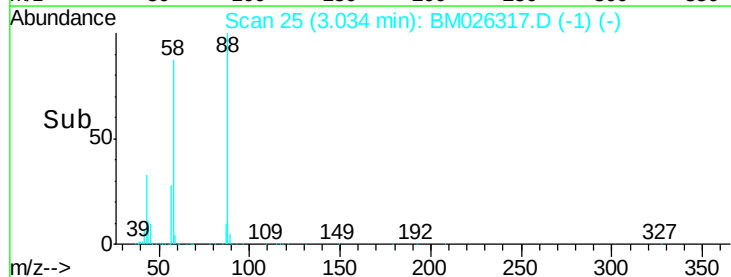
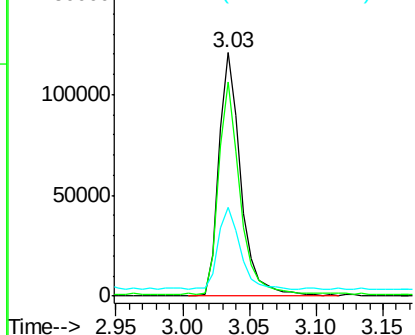


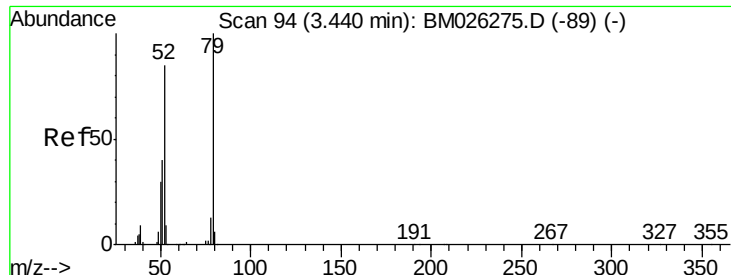
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





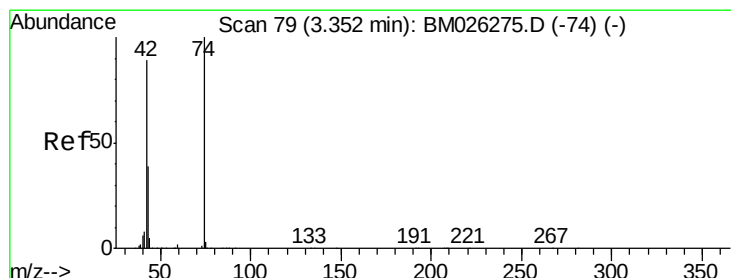
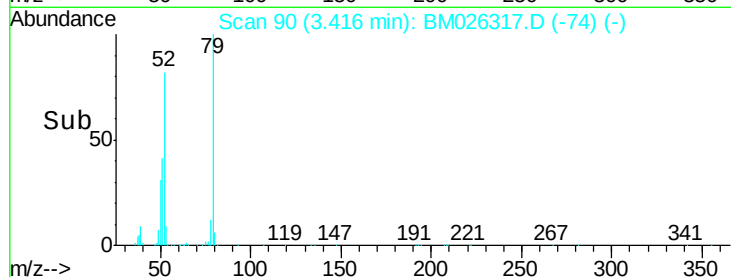
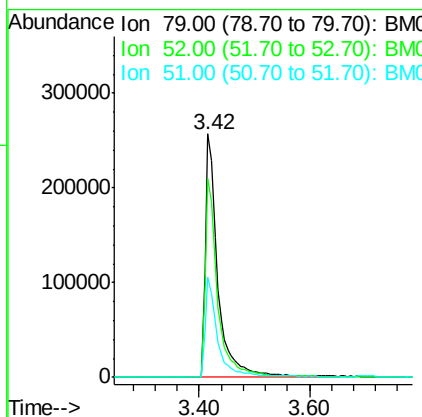
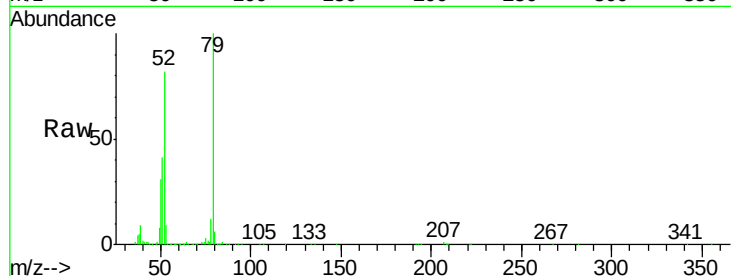
#3
 Pvridine
 Concen: 32.528 ng
 RT: 3.42 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	81.9	67.9	101.9		
51	41.2	32.7	49.1		

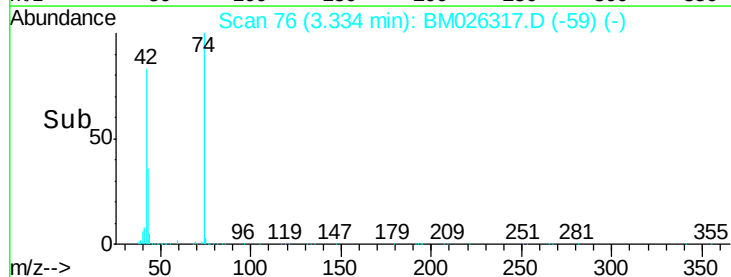
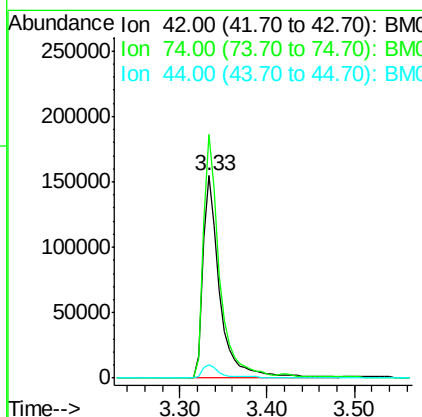
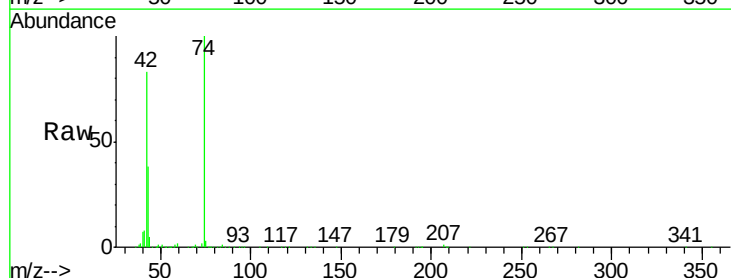
Manual Integrations
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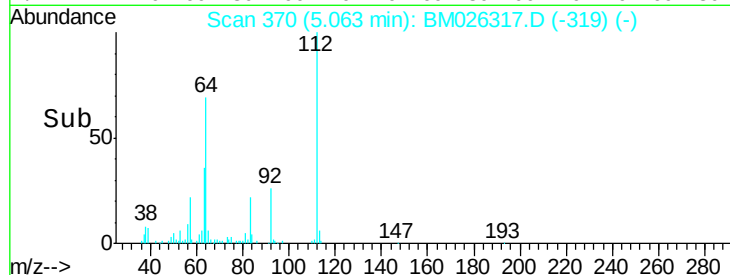
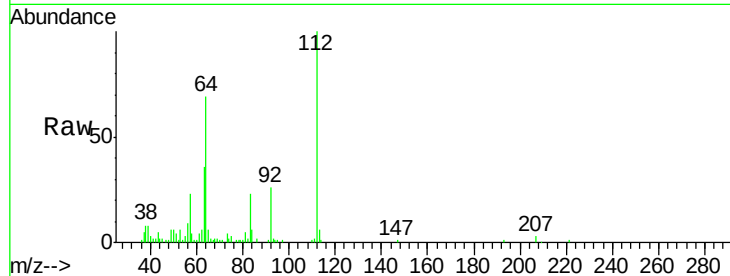
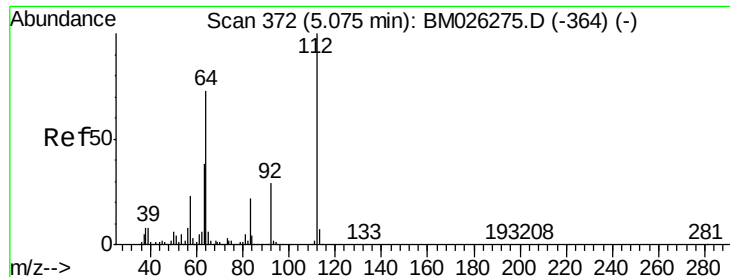
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#4
 n-Nitrosodimethylamine
 Concen: 34.443 ng
 RT: 3.33 min Scan# 76
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	120.2	89.9	134.9		
44	6.4	5.2	7.8		





#5

2-Fluorophenol

Concen: 4.876 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tot Ion:	112	Resp:	44557
Ion Ratio	Lower	Upper	
112	100		
64	69.1	58.1	87.1
63	35.8	30.6	45.8

Instrument :

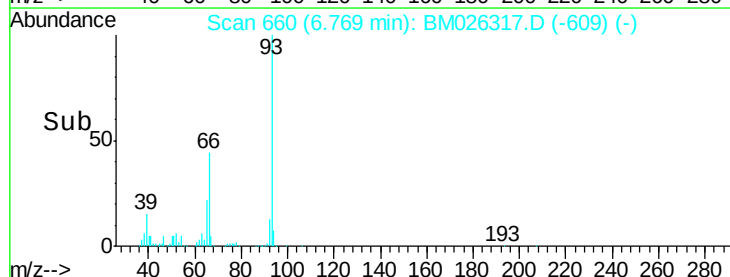
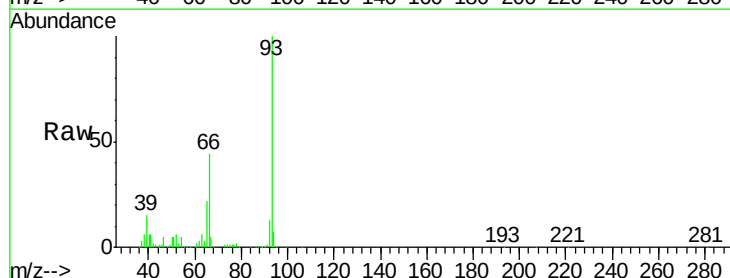
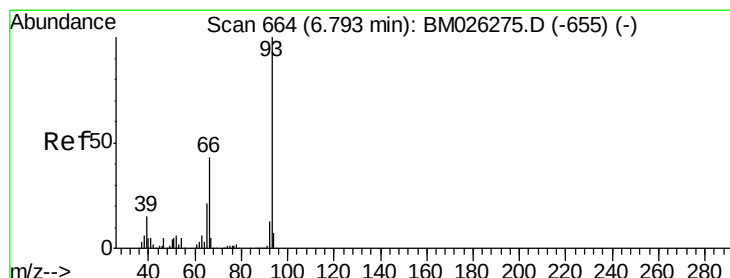
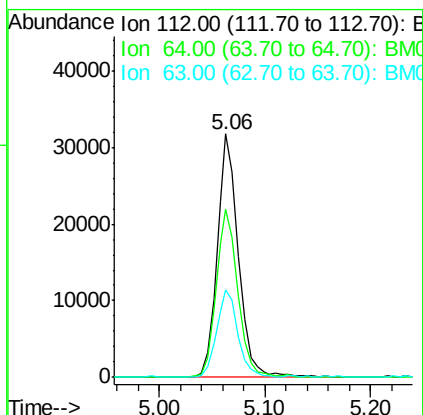
BNA_M

ClientSampleId :

FM-CON-4MSD

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#6

Aniline

Concen: 20.866 ng

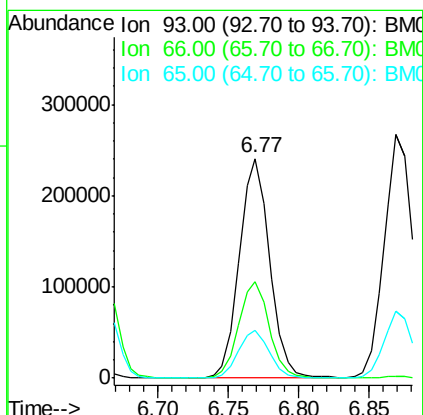
RT: 6.77 min Scan# 660

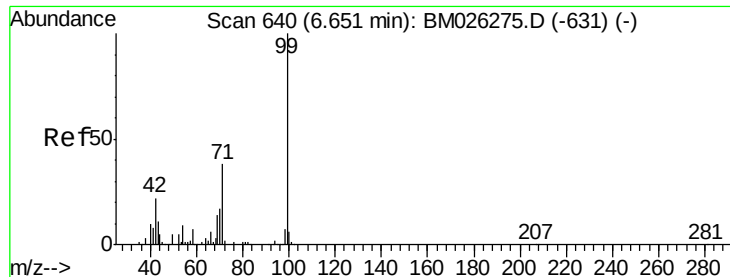
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	93	Resp:	362176
Ion Ratio	Lower	Upper	
93	100		
66	43.8	34.8	52.2
65	22.0	17.2	25.8





#7

Phenol-d6

Concen: 21.478 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

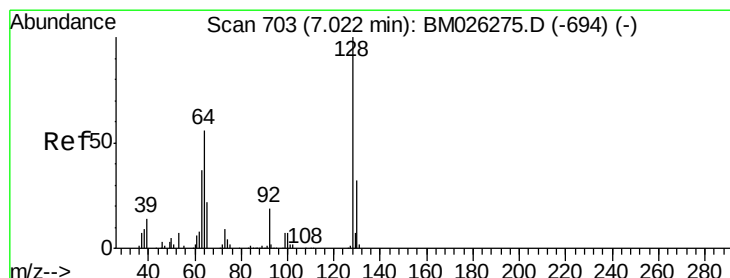
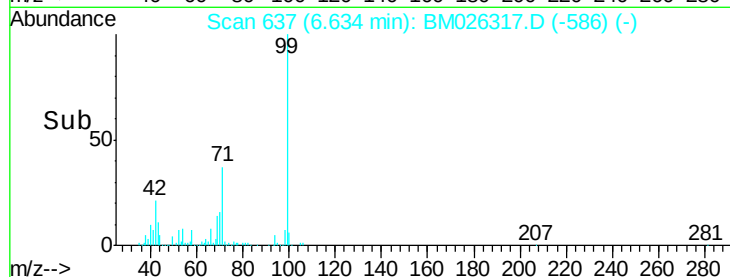
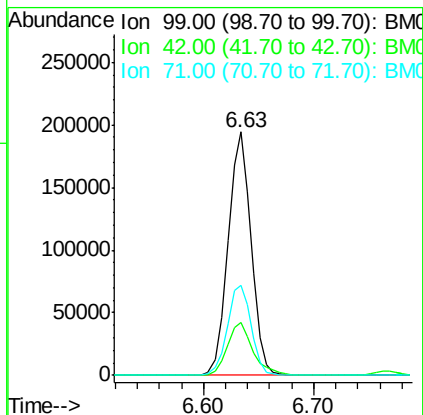
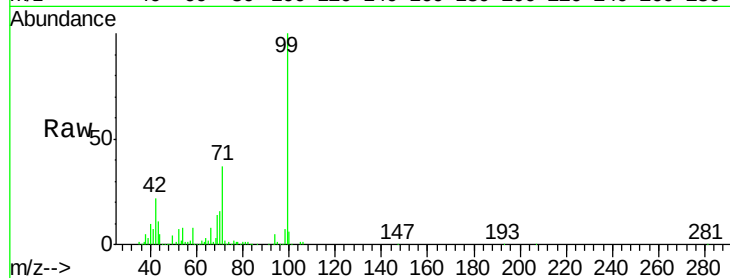
ClientSampleId :

FM-CON-4MSD

Tot Ion:	99	Resp:	284226
Ion Ratio	Lower	Upper	
99	100		
42	21.5	18.0	27.0
71	37.2	30.6	45.8

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#8

2-Chlorophenol

Concen: 36.861 ng

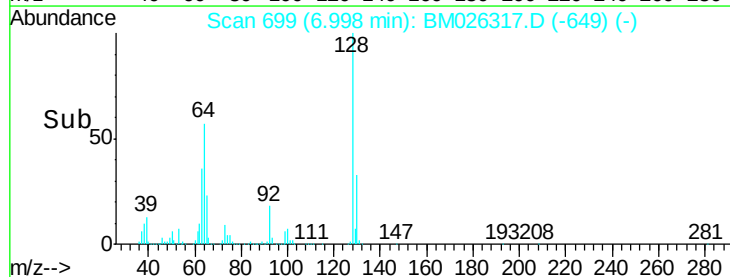
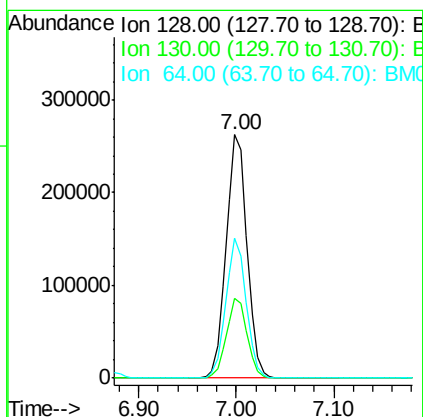
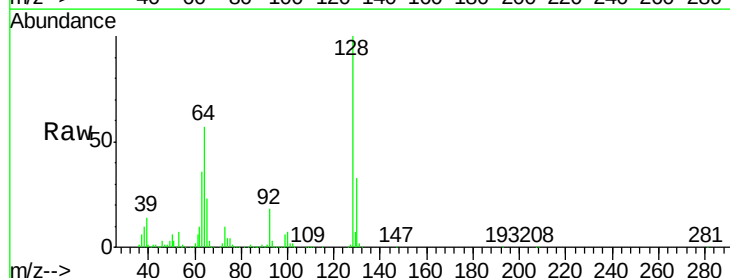
RT: 7.00 min Scan# 699

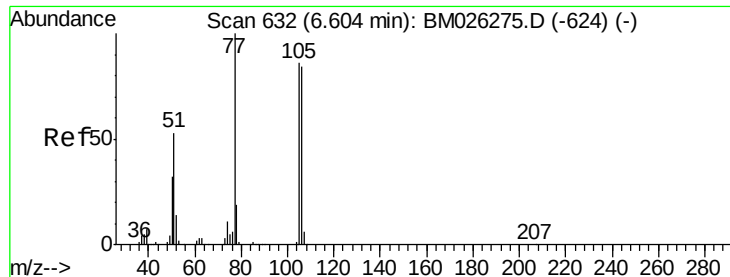
Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	128	Resp:	388547
Ion Ratio	Lower	Upper	
128	100		
130	32.7	11.9	51.9
64	57.3	38.2	78.2





#9

Benzaldehyde

Concen: 32.498 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

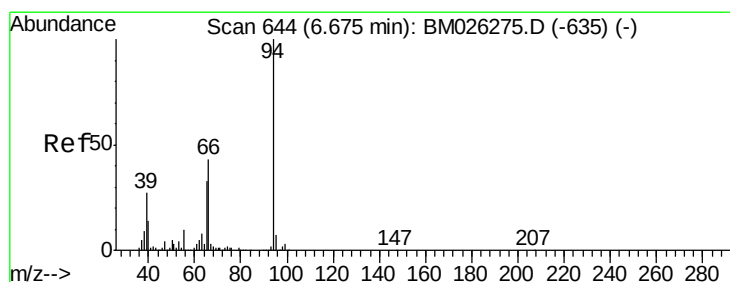
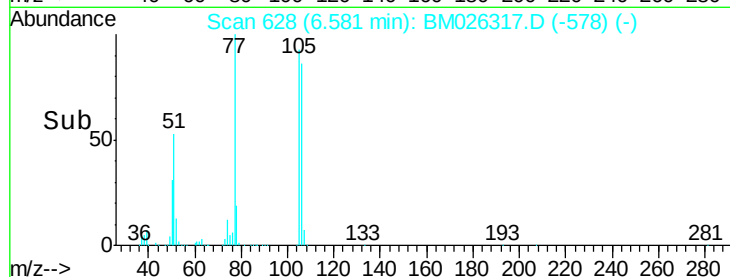
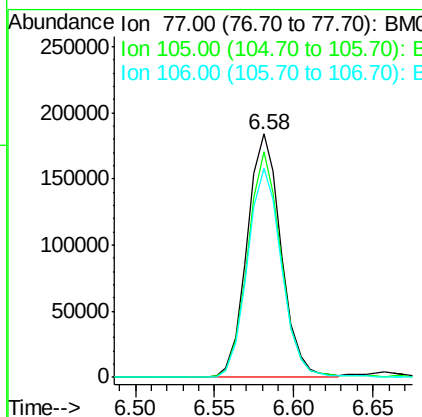
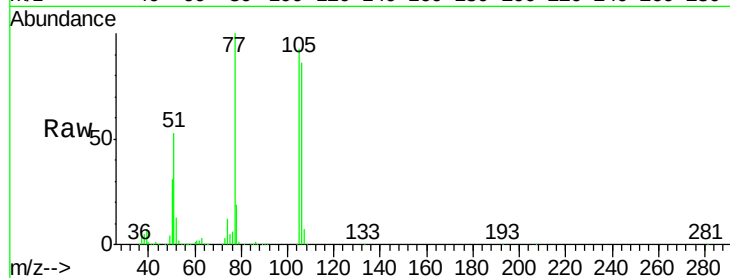
ClientSampleId :

FM-CON-4MSD

Tot Ion:	77	Resp:	274222
Ion	Ratio	Lower	Upper
77	100		
105	92.8	66.3	106.3
106	85.8	63.8	103.8

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#10

Phenol

Concen: 36.065 ng

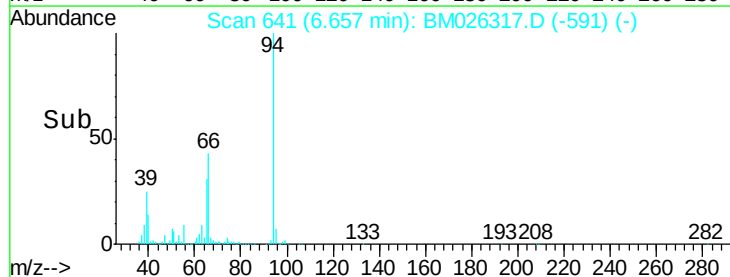
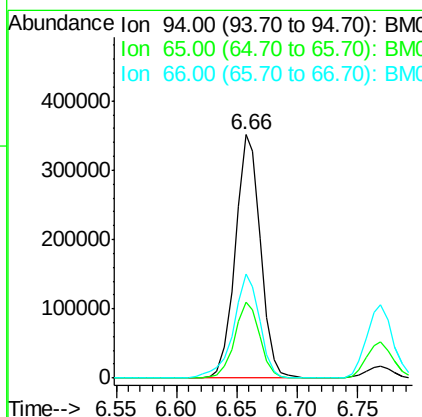
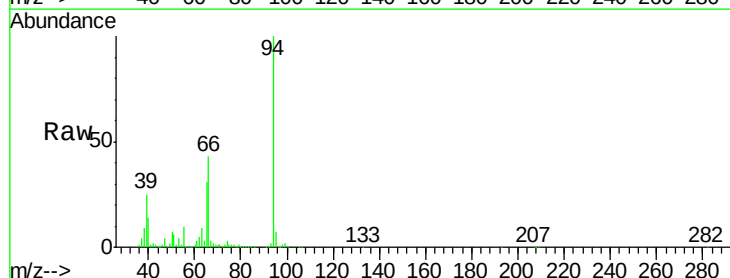
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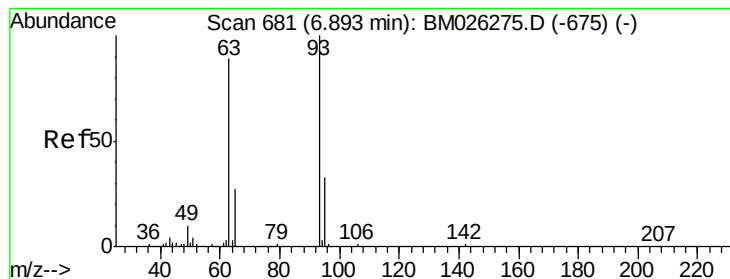
Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	94	Resp:	508252
Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.8	52.8
66	42.6	23.6	63.6





#11

bis(2-Chloroethyl)ether

Concen: 33.670 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

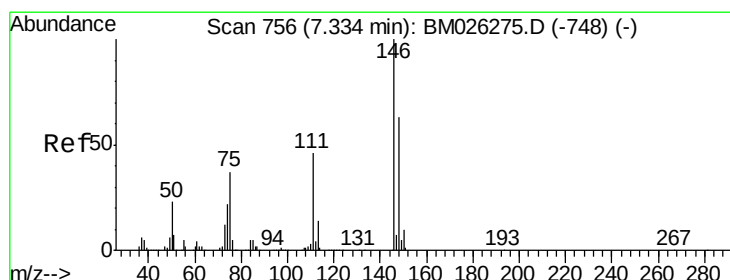
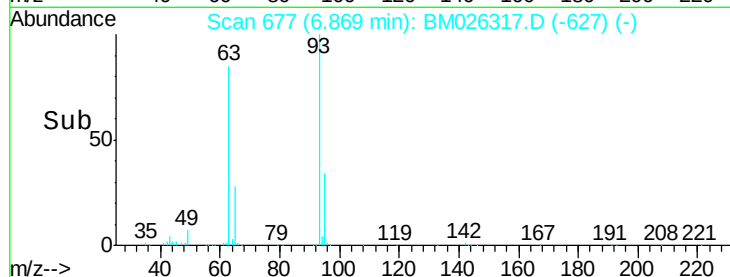
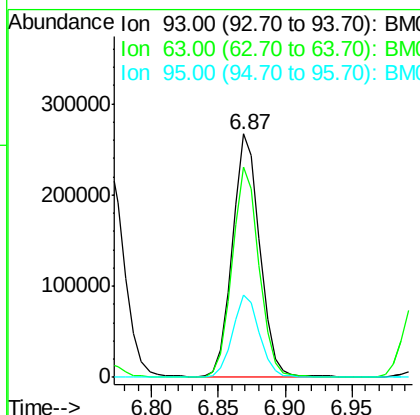
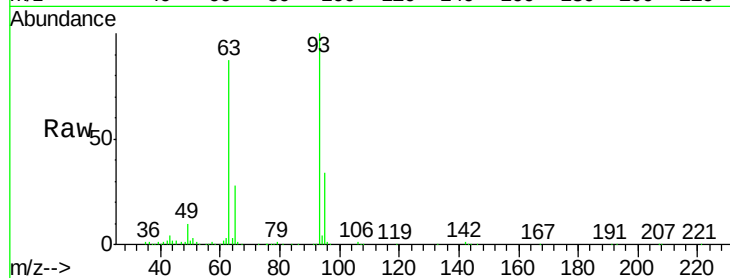
ClientSampleId :

FM-CON-4MSD

Tot Ion:	93	Resp:	382193
Ion Ratio	Lower	Upper	
93	100		
63	86.6	68.7	108.7
95	34.0	13.0	53.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.738 ng

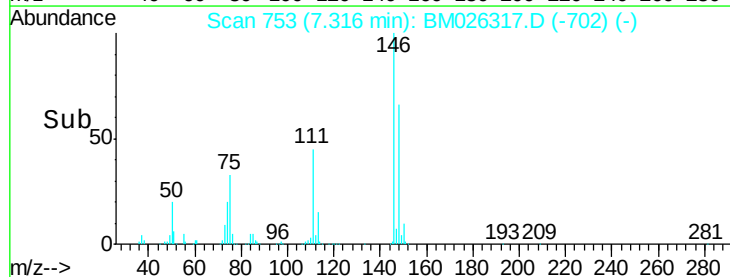
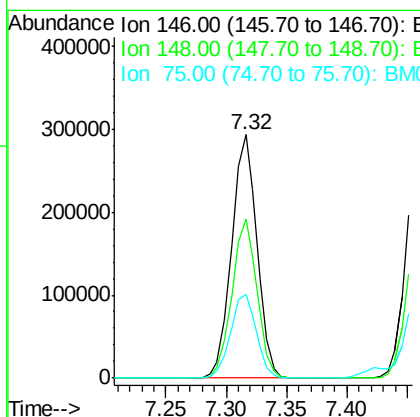
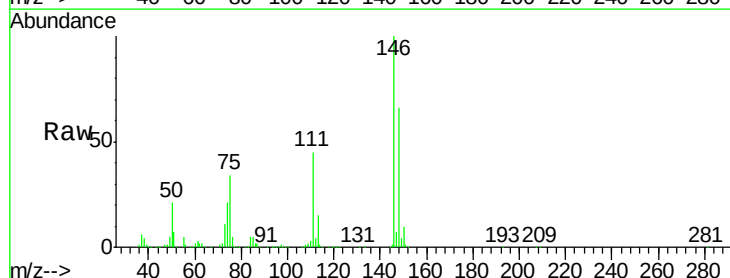
RT: 7.32 min Scan# 753

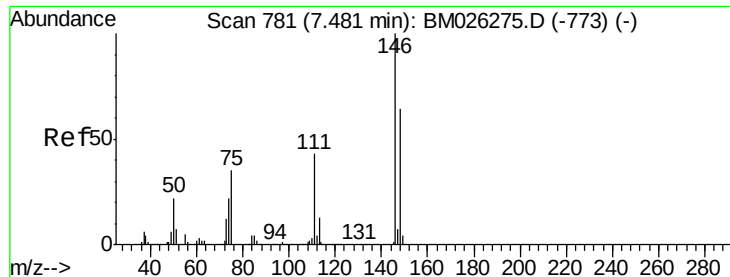
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	146	Resp:	428747
Ion Ratio	Lower	Upper	
146	100		
148	65.6	50.4	75.6
75	34.4	30.0	45.0





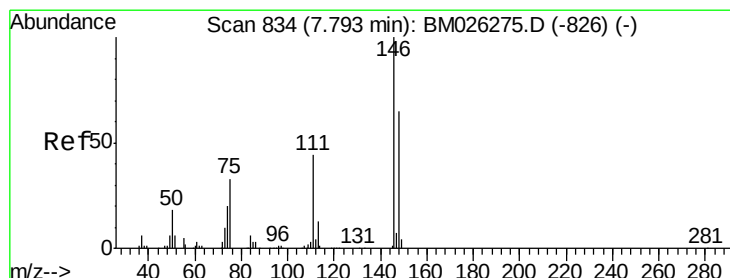
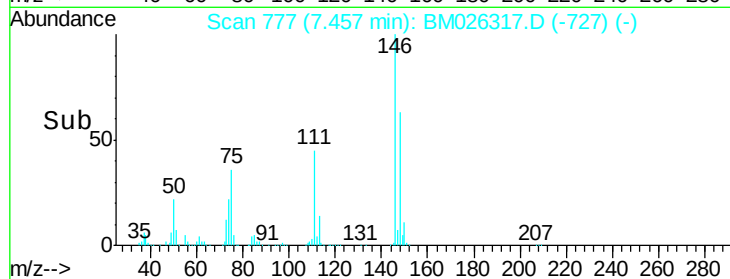
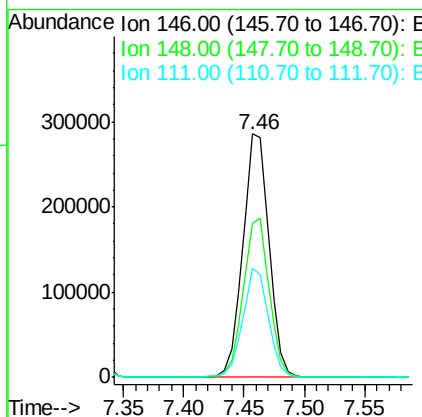
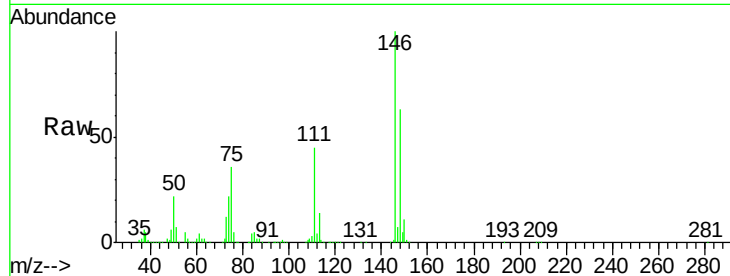
#13
 1,4-Dichlorobenzene
 Concen: 36.502 ng
 RT: 7.46 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.6	77.4
111	44.7	34.9	52.3

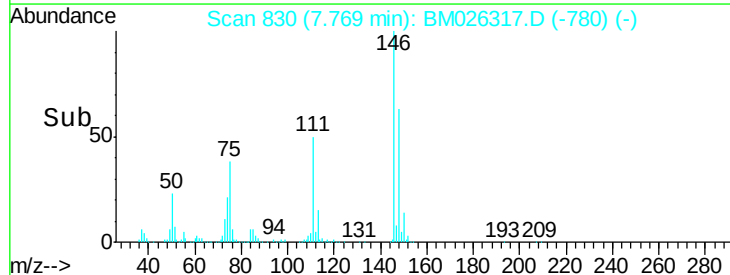
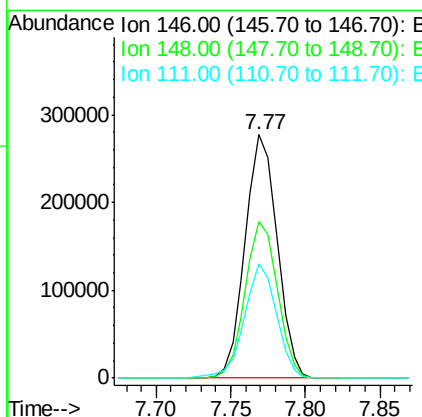
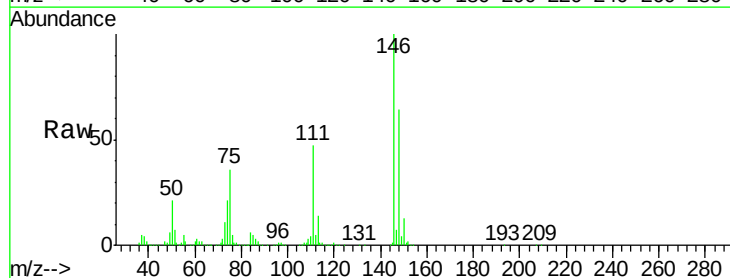
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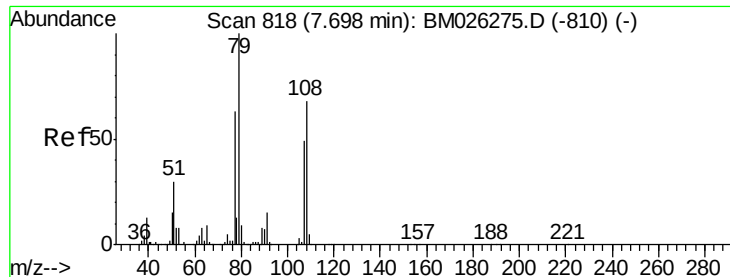
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 35.552 ng
 RT: 7.77 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	47.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.320 ng

RT: 7.67 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

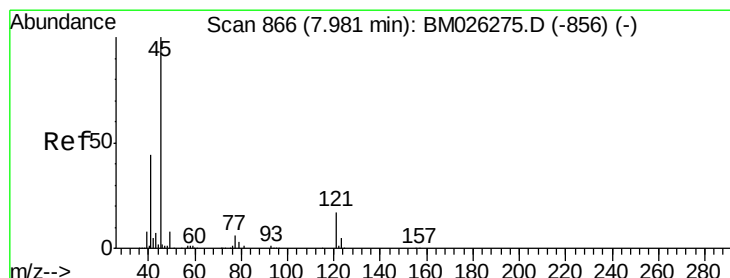
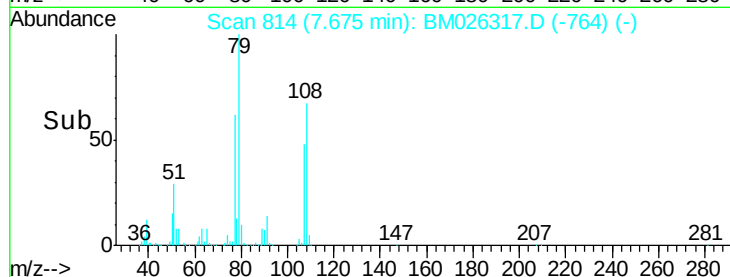
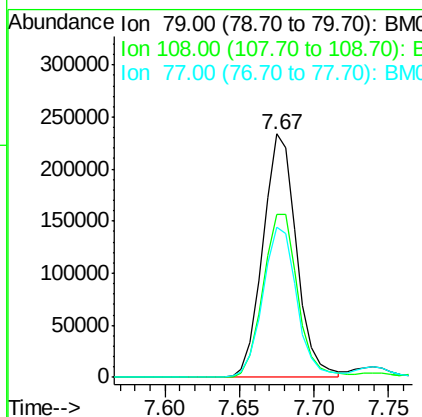
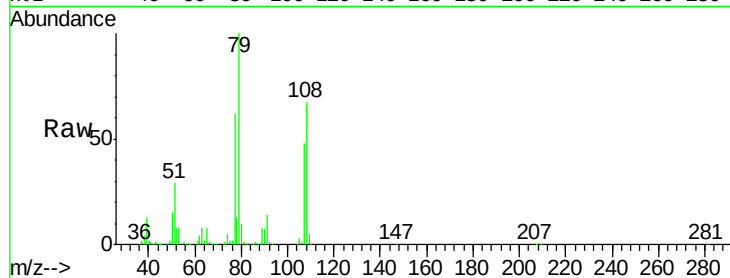
ClientSampleId :

FM-CON-4MSD

Tot Ion:	79	Resp:	363181
Ion Ratio	Lower	Upper	
79	100		
108	67.1	54.8	82.2
77	61.9	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.364 ng

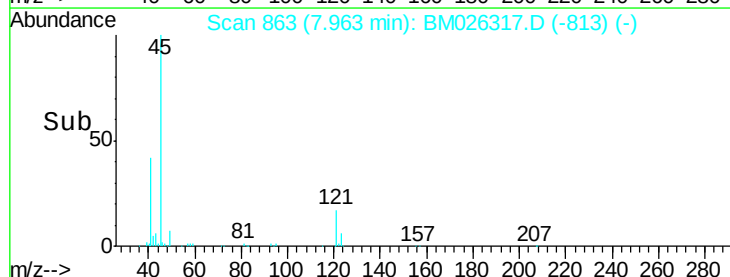
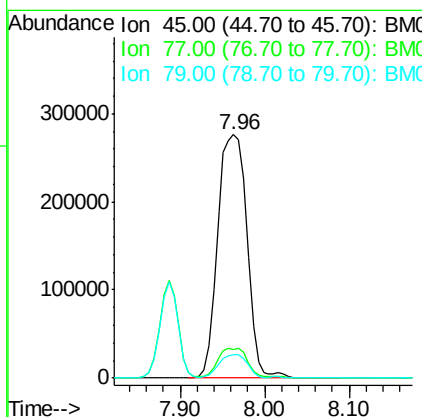
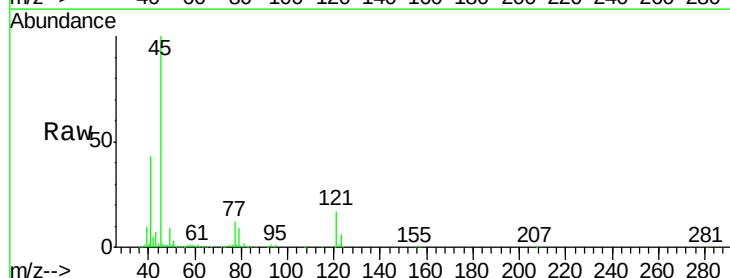
RT: 7.96 min Scan# 863

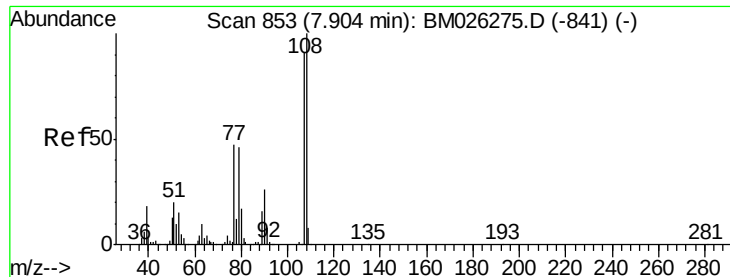
Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	45	Resp:	664908
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	31.8
79	9.5	0.0	28.5





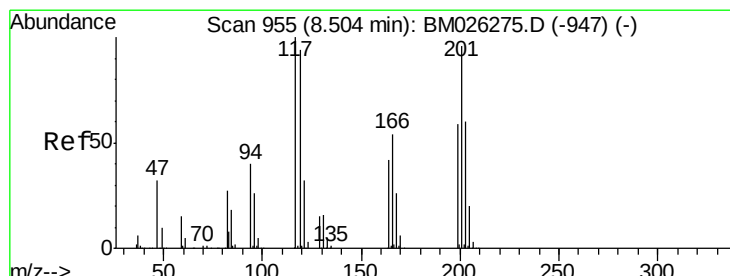
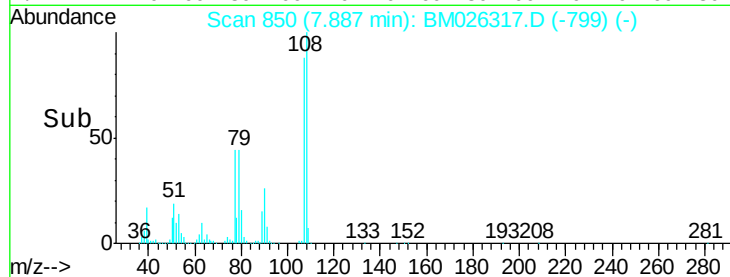
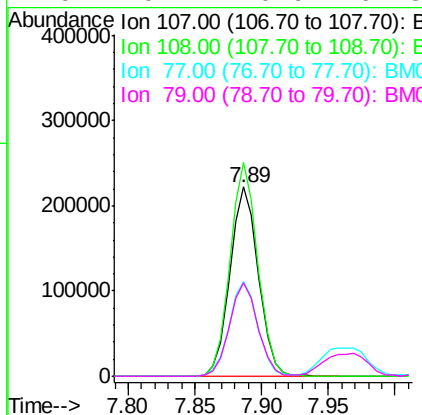
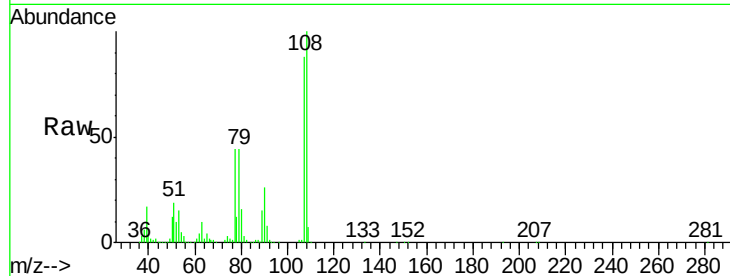
#17
2-Methylphenol
Concen: 32.038 ng
RT: 7.89 min Scan# 850
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	88.4	132.6	
77	49.9	42.0	63.0	
79	49.4	40.9	61.3	

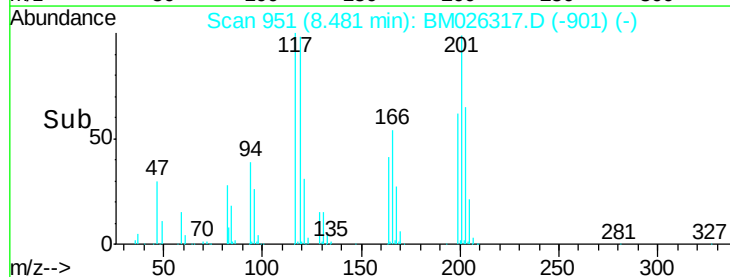
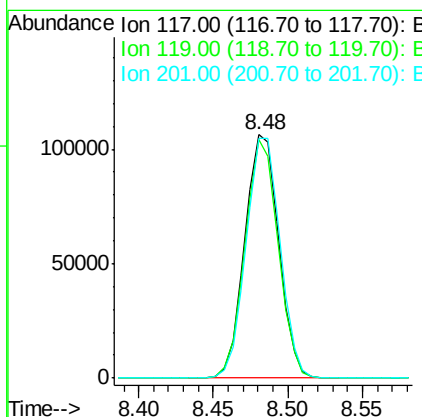
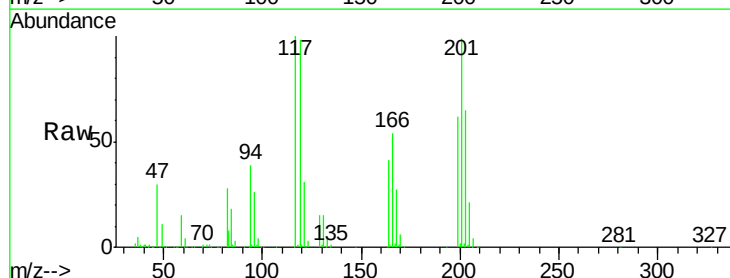
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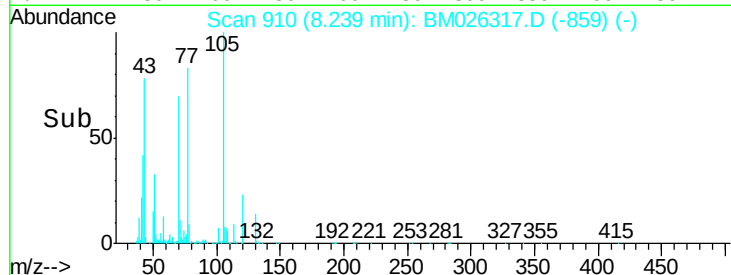
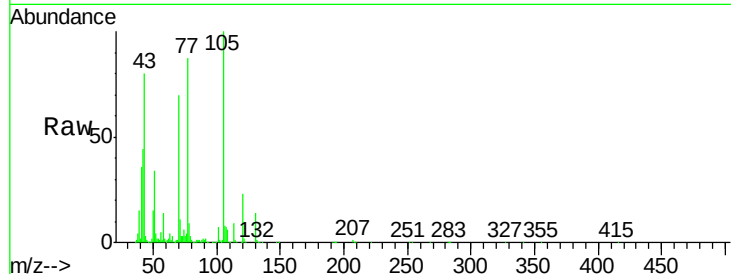
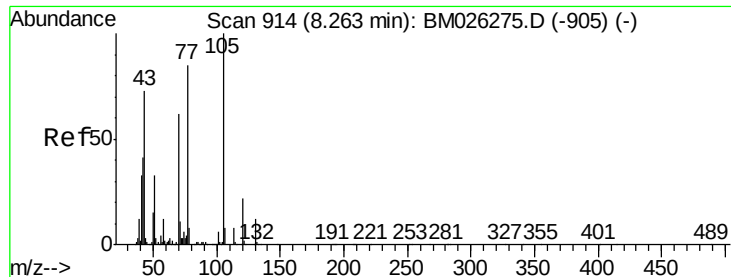
mohammad
6/10/2020 11:51:27 AM



#18
Hexachloroethane
Concen: 37.051 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.5	113.3	
201	98.5	76.5	114.7	





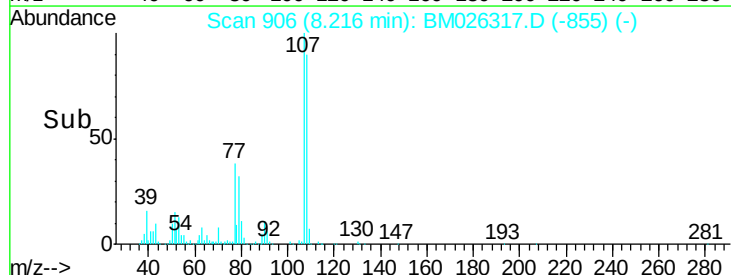
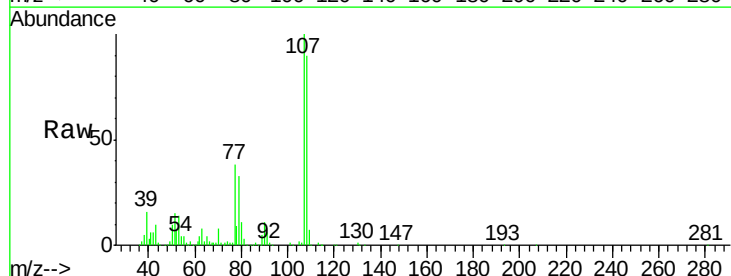
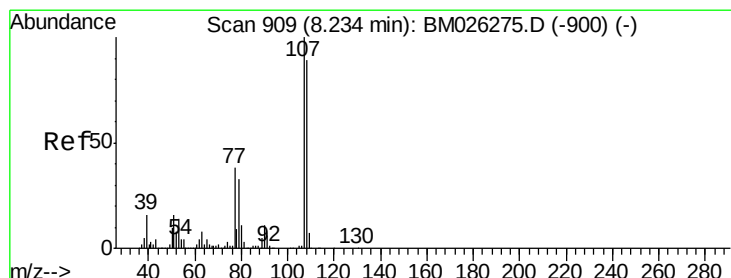
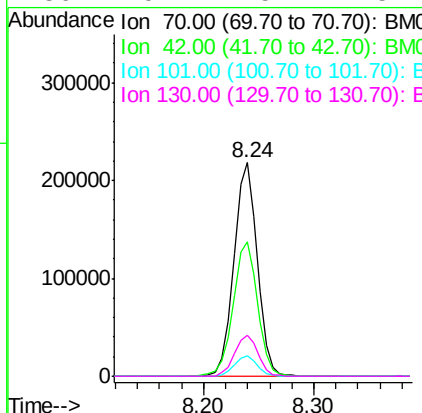
#19
n-Nitroso-di-n-propylamine
Concen: 31.366 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	70	Resp	323449
Ion Ratio	Lower	Upper	
70	100		
42	62.8	53.0	79.6
101	9.4	7.2	10.8
130	19.4	15.4	23.2

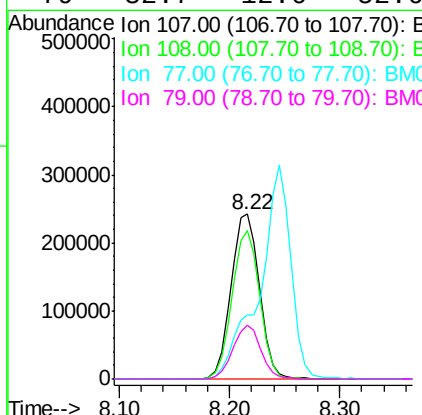
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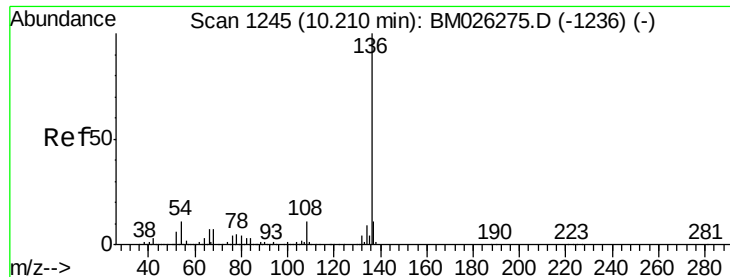
mohammad
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#20
3+4-Methylphenols
Concen: 31.205 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	107	Resp	438079
Ion Ratio	Lower	Upper	
107	100		
108	90.4	68.7	108.7
77	38.5	18.0	58.0
79	32.7	12.6	52.6





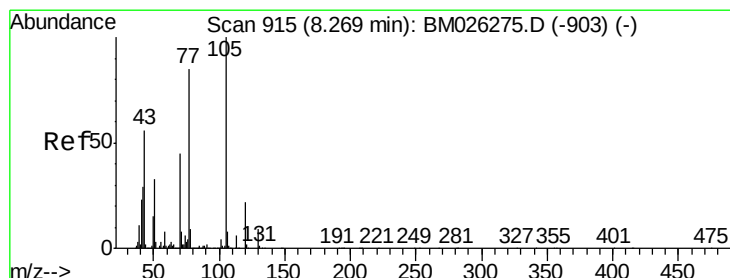
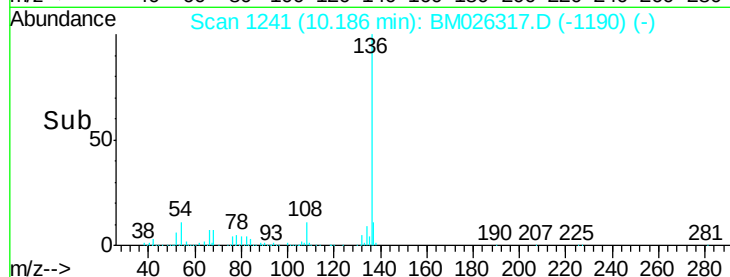
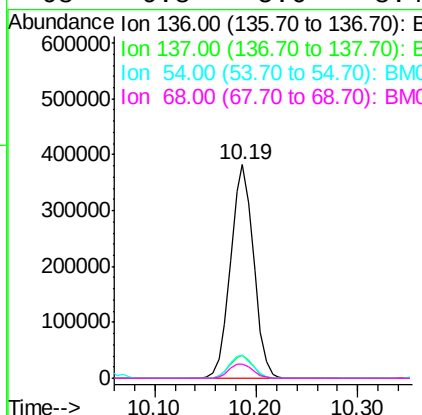
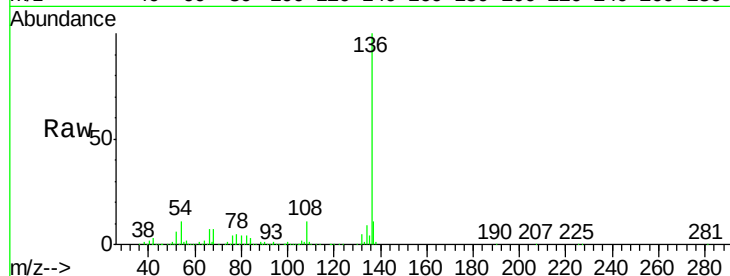
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	599990		
137	10.8	8.6	13.0	
54	10.8	9.0	13.4	
68	6.8	5.6	8.4	

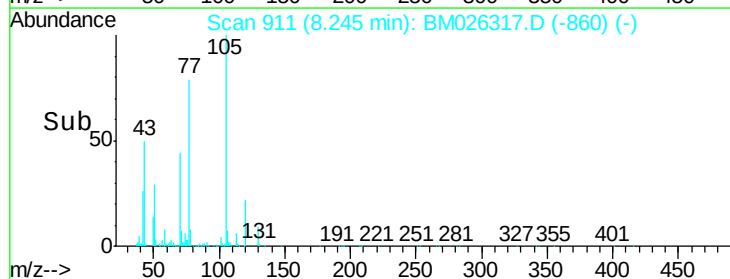
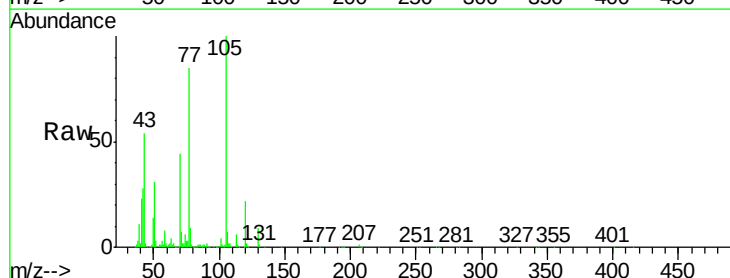
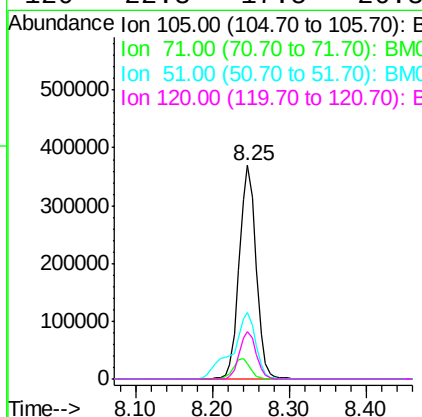
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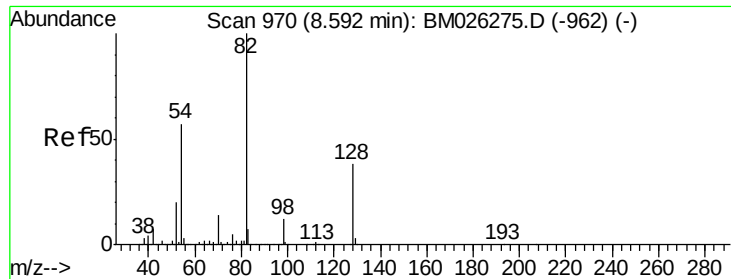
mohammad
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#22
Acetophenone
Concen: 36.964 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	570285		
71	7.3	6.1	9.1	
51	31.0	26.2	39.2	
120	22.3	17.5	26.3	





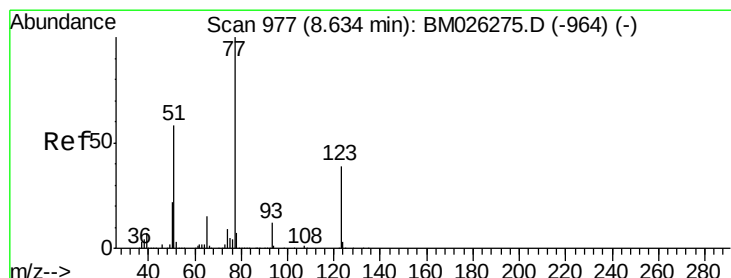
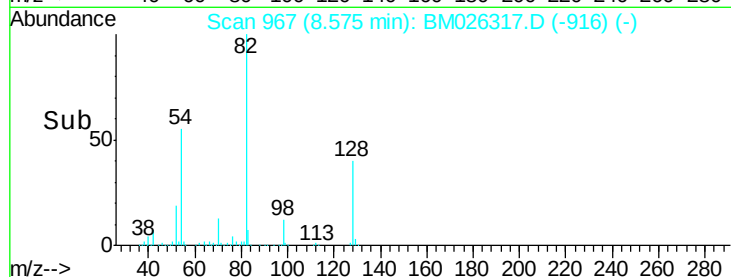
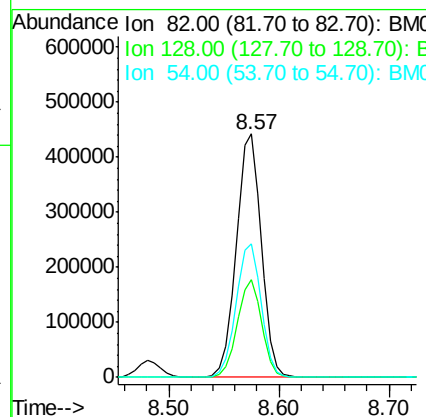
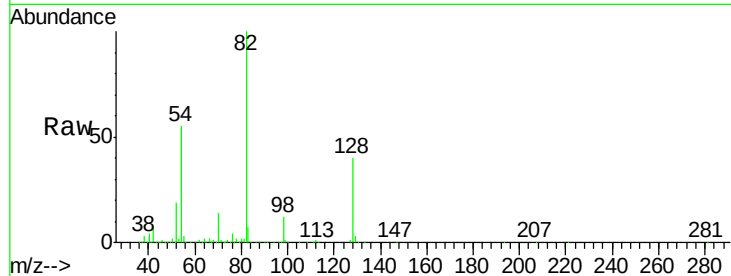
#23
 Nitrobenzene-d5
 Concen: 57.541 ng
 RT: 8.57 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.3	45.5
54	55.0	45.4	68.2

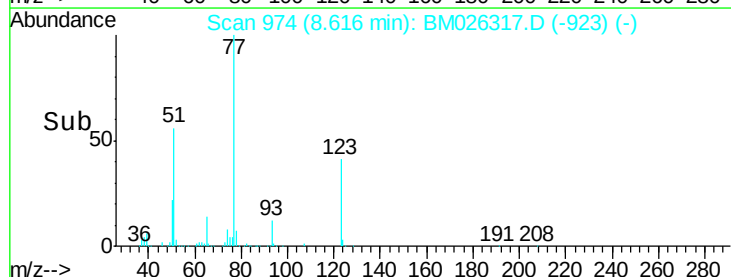
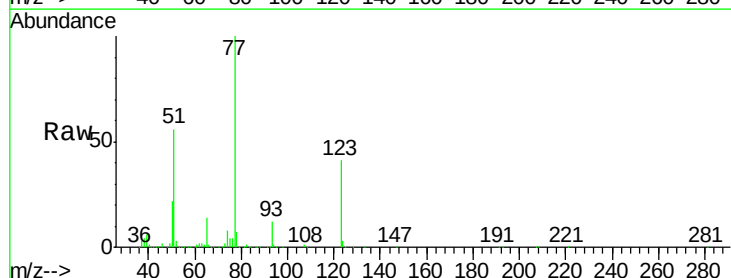
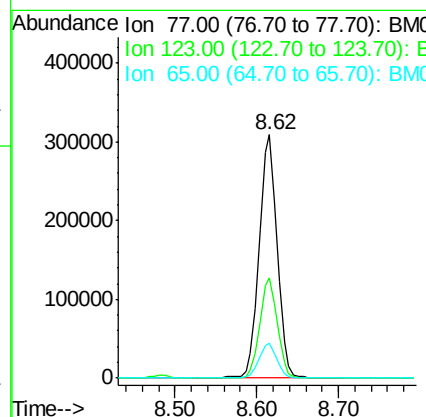
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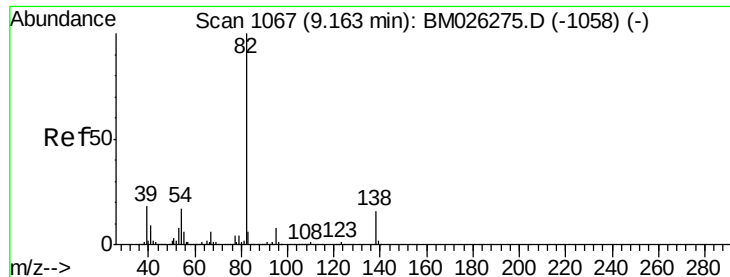
mohammad
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#24
 Nitrobenzene
 Concen: 36.885 ng
 RT: 8.62 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	31.5	47.3
65	14.3	11.6	17.4





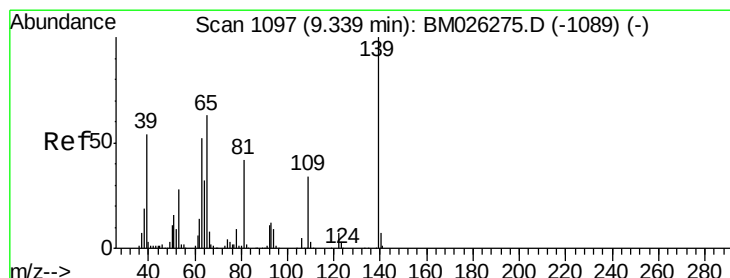
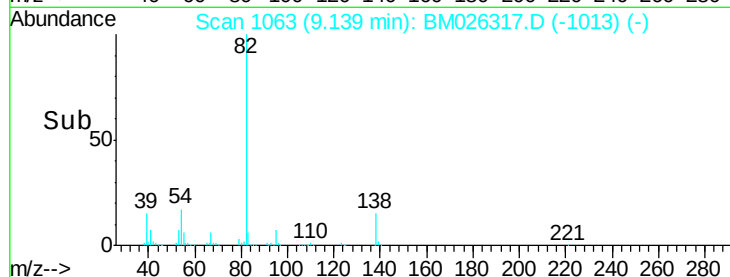
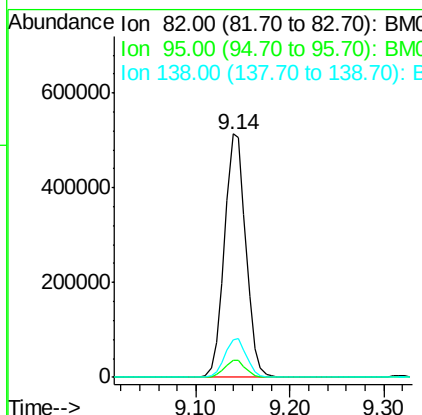
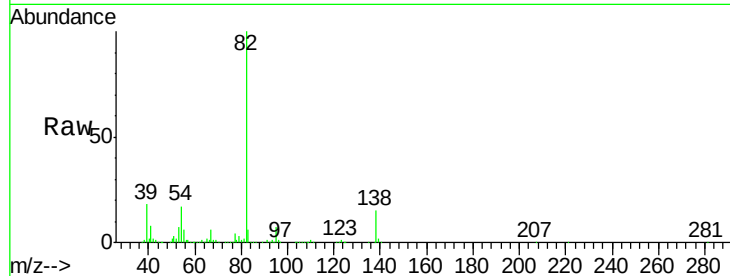
#25
Isophorone
Concen: 35.378 ng
RT: 9.14 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	812173		
95	7.1	6.0	9.0	
138	15.2	12.5	18.7	

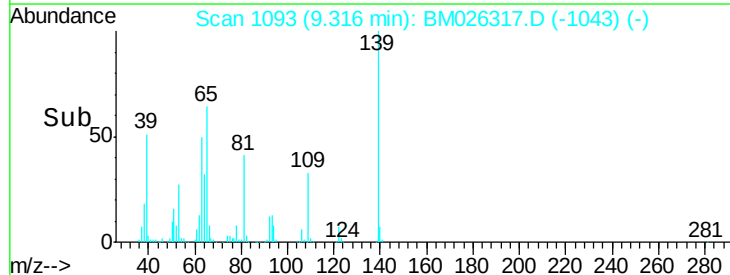
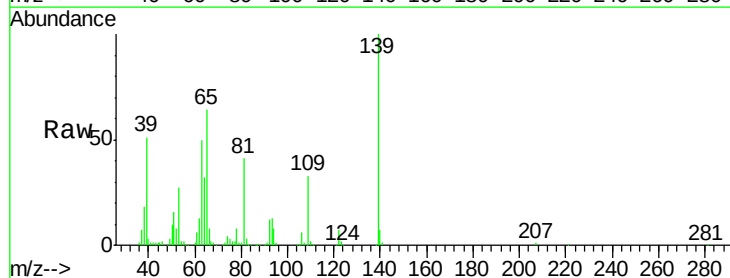
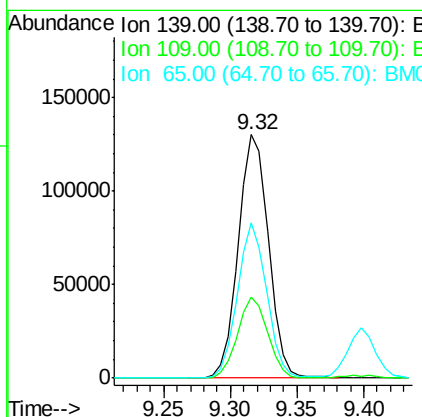
Manual Integrations
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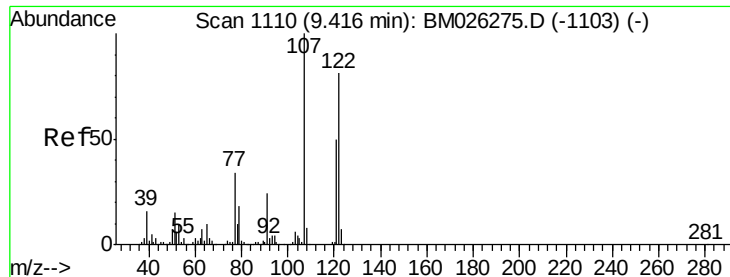
mohammad
6/10/2020 11:51:27 AM



#26
2-Nitrophenol
Concen: 40.225 ng
RT: 9.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	203642		
109	33.3	27.4	41.2	
65	63.5	50.5	75.7	





#27

2,4-Dimethylphenol

Concen: 40.531 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

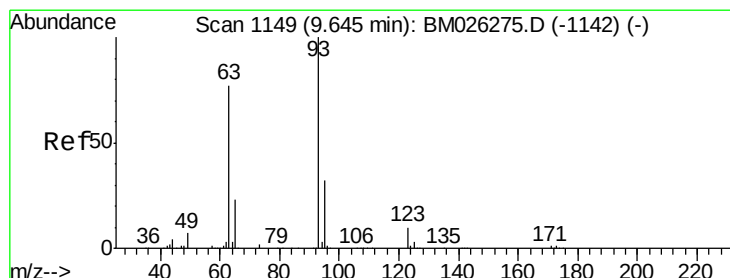
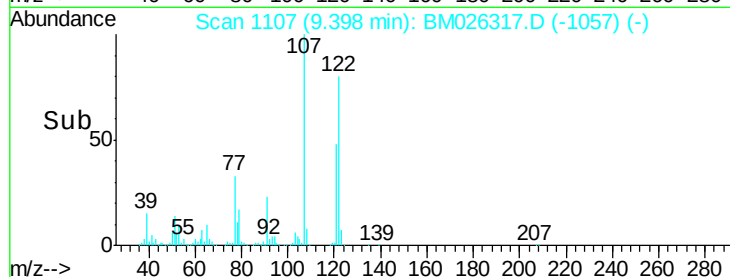
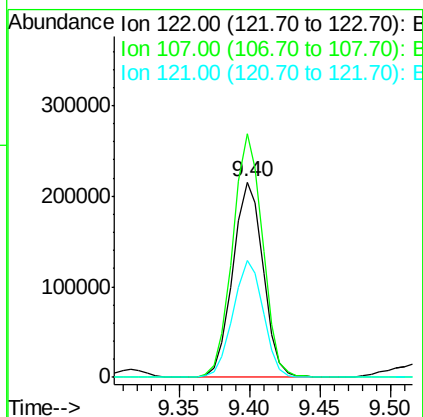
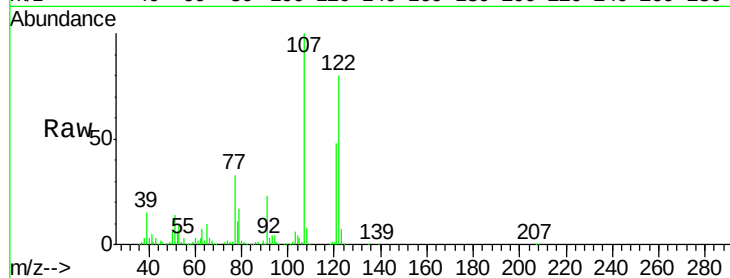
ClientSampleId :

FM-CON-4MSD

Tot Ion:	122	Resp:	323927
Ion Ratio	Lower	Upper	
122	100		
107	124.5	98.6	147.8
121	59.8	48.9	73.3

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#28

bis(2-Chloroethoxy)methane

Concen: 37.414 ng

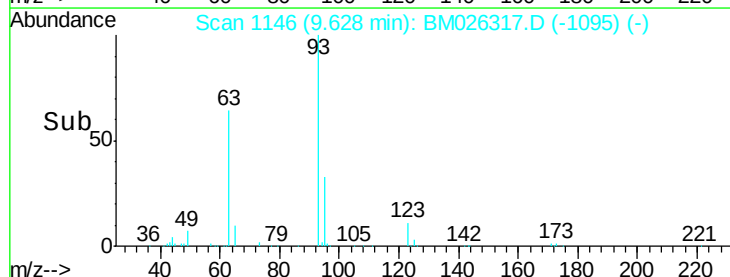
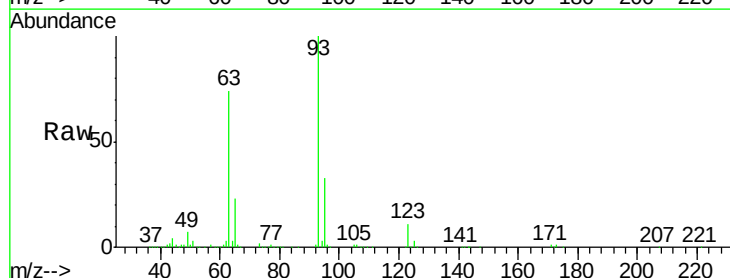
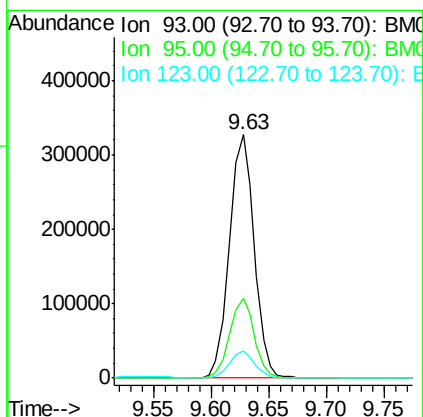
RT: 9.63 min Scan# 1146

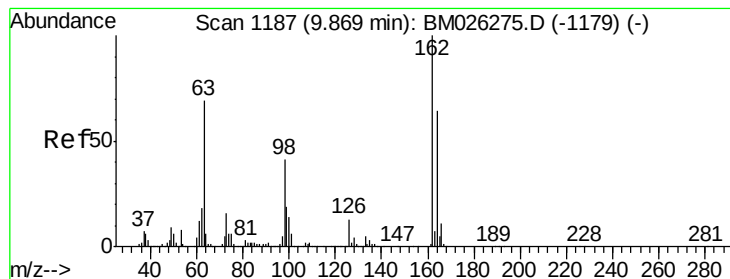
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	93	Resp:	487298
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.8	38.8
123	11.2	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 38.546 ng

RT: 9.85 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

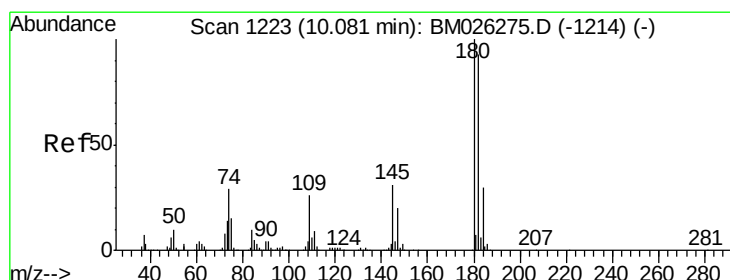
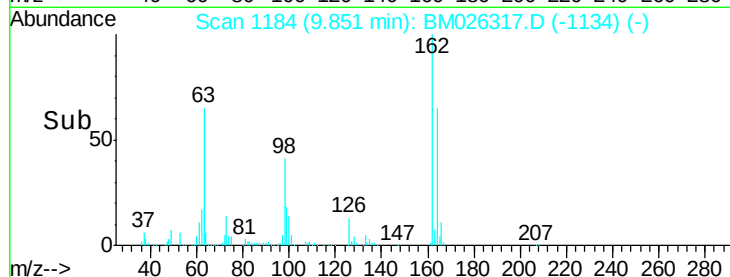
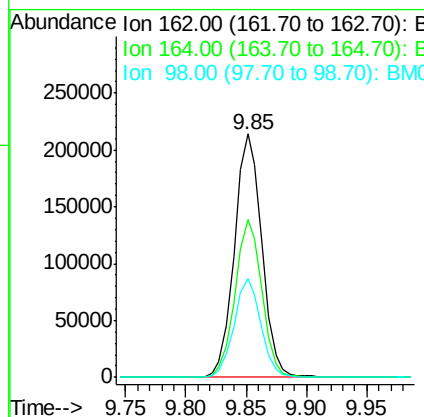
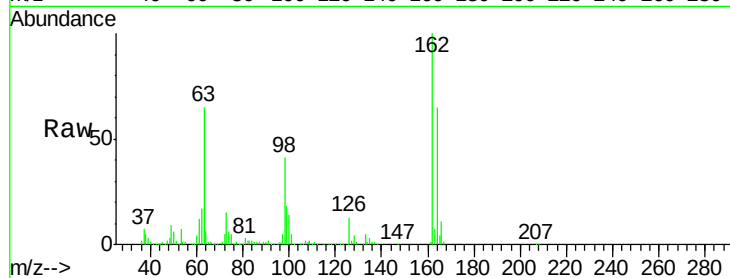
ClientSampleId :

FM-CON-4MSD

Tot Ion:	162	Resp:	338000
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.6	83.6
98	40.9	21.1	61.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.929 ng

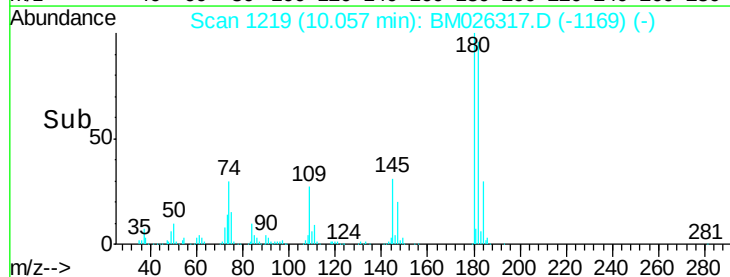
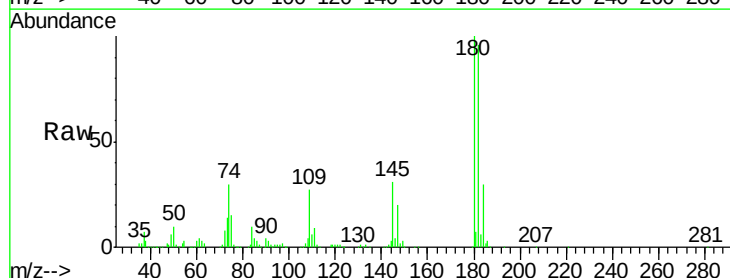
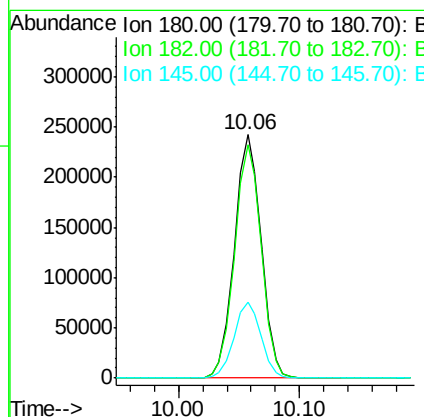
RT: 10.06 min Scan# 1219

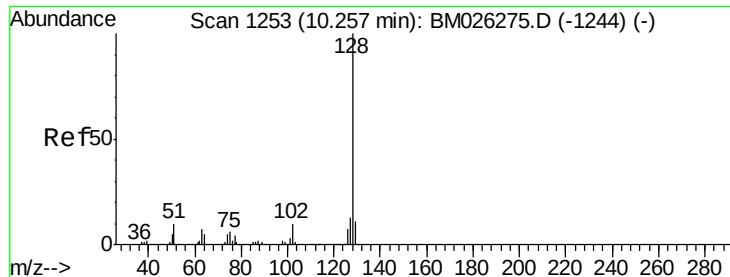
Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	180	Resp:	374322
Ion Ratio	Lower	Upper	
180	100		
182	95.7	74.2	111.2
145	31.1	24.6	36.8





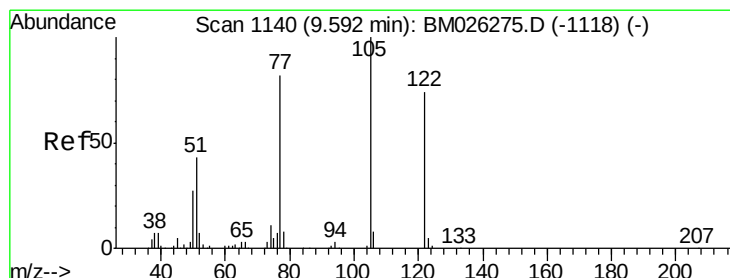
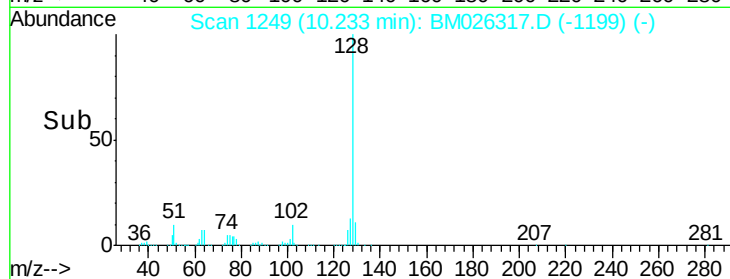
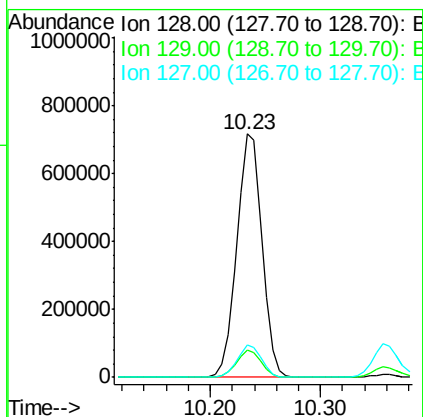
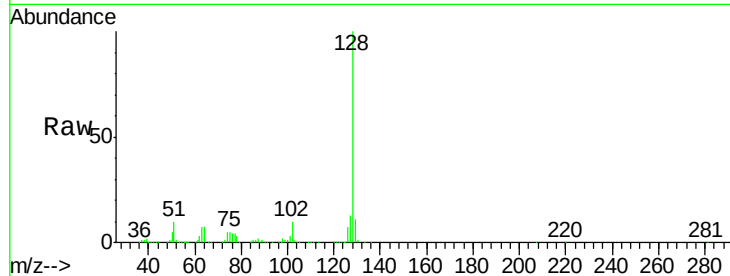
#31
Naphthalene
Concen: 38.086 ng
RT: 10.23 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	15.8

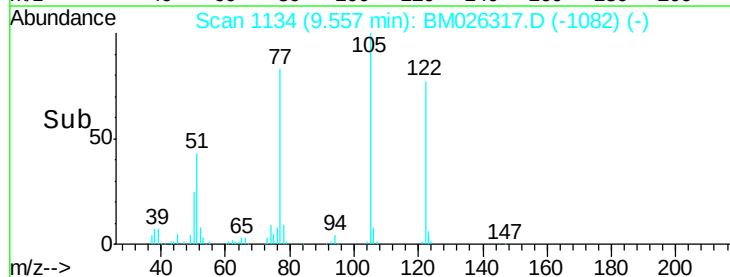
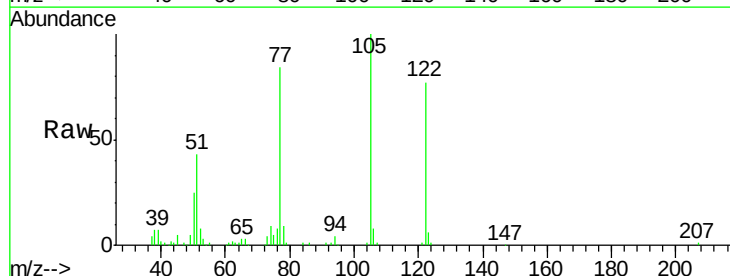
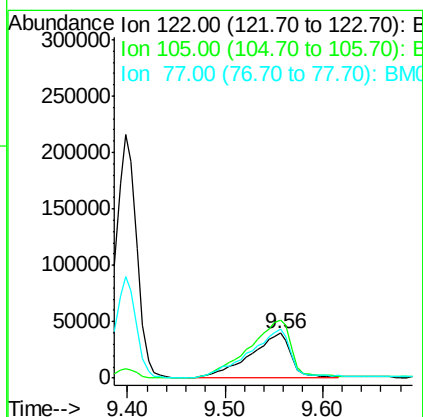
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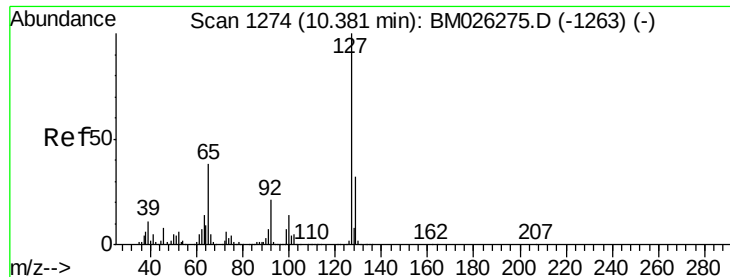
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#32
Benzoic acid
Concen: 21.265 ng
RT: 9.56 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	112.4	152.4
77	108.5	89.8	129.8





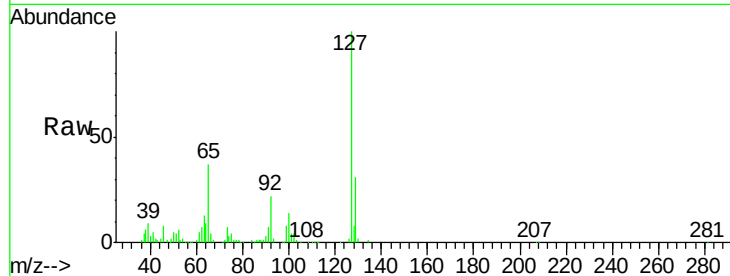
#33
4-Chloroaniline
Concen: 12.463 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

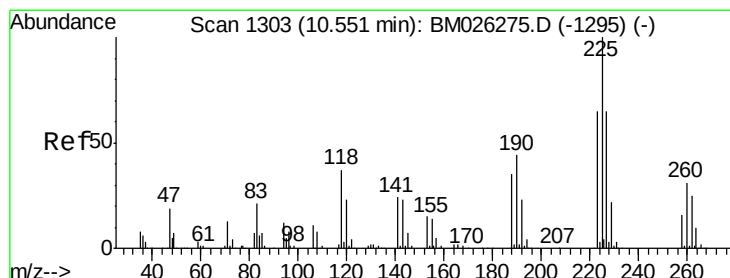
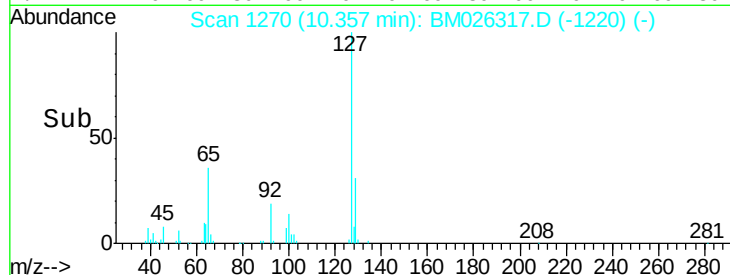
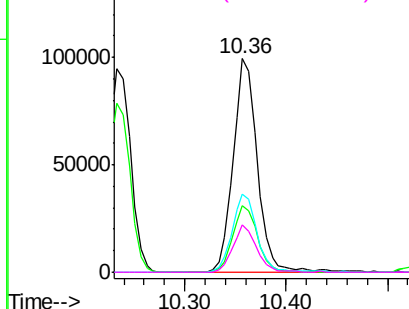
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.5	38.3		
65	36.5	30.6	46.0		
92	22.4	17.2	25.8		

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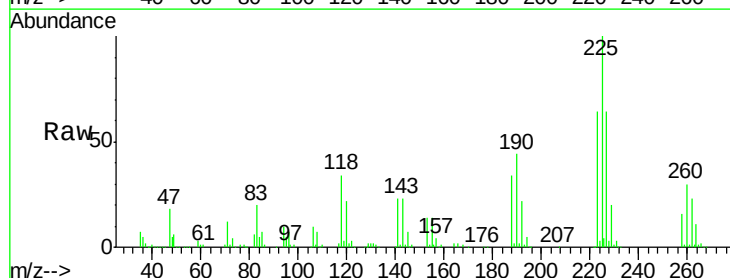


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

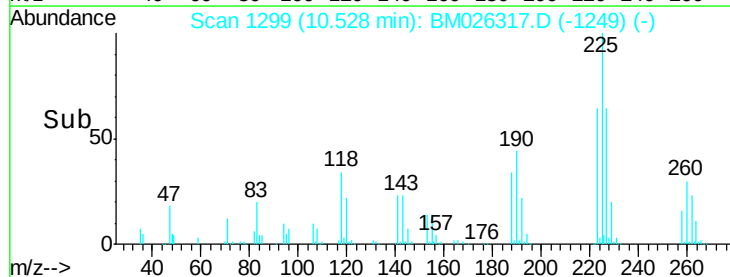
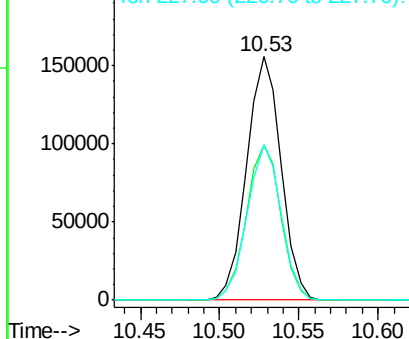


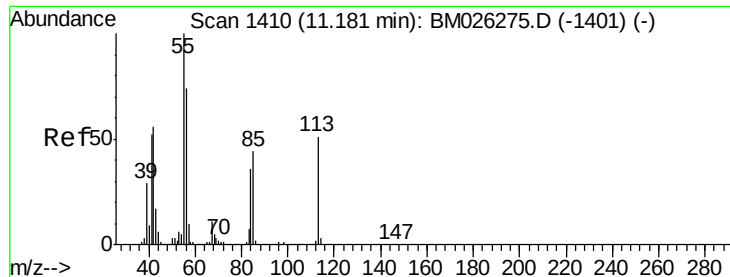
#34
Hexachlorobutadiene
Concen: 38.740 ng
RT: 10.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	52.0	78.0		
227	63.7	52.1	78.1		



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





#35

Caprolactam

Concen: 33.283 ng/ml

RT: 11.15 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

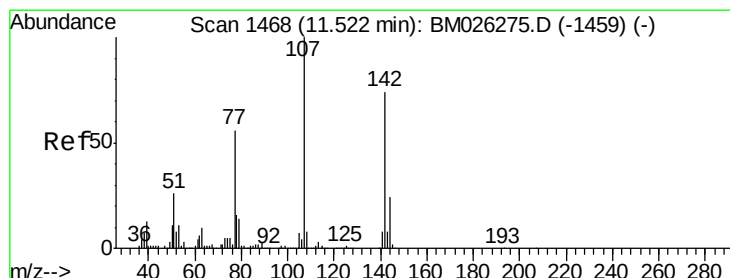
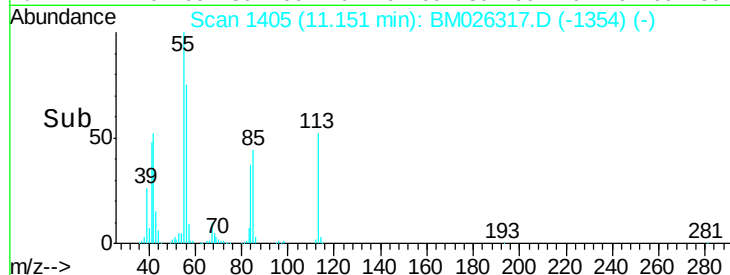
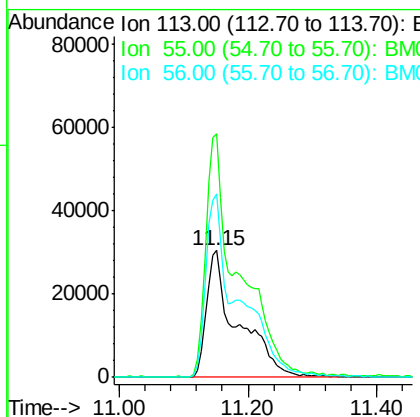
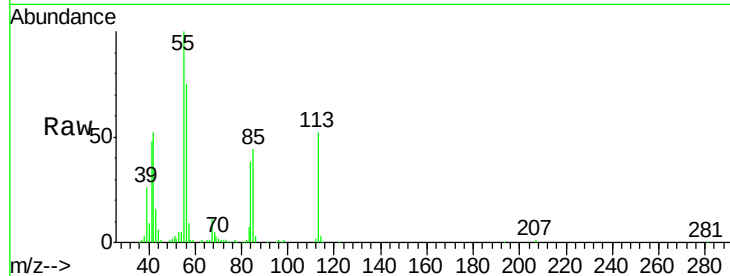
ClientSampleId :

FM-CON-4MSD

Tot Ion:	113	Resp:	102536
Ion	Ratio	Lower	Upper
113	100		
55	191.6	176.8	216.8
56	143.9	124.8	164.8

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#36

4-Chloro-3-methylphenol

Concen: 35.124 ng/ml

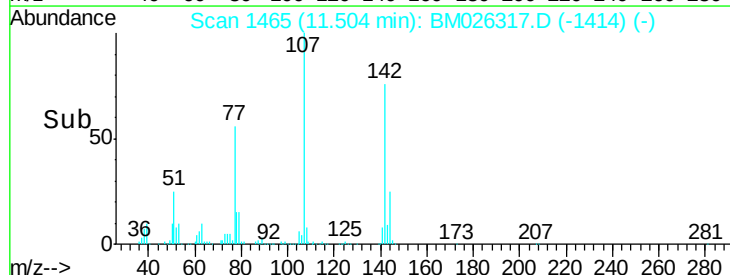
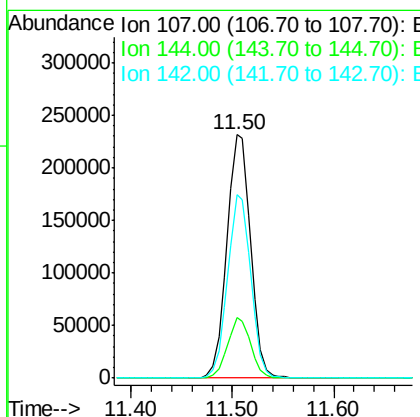
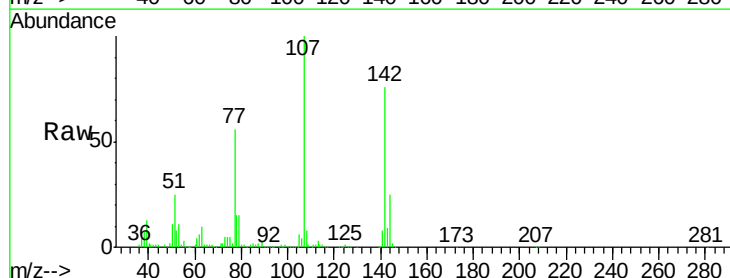
RT: 11.50 min Scan# 1465

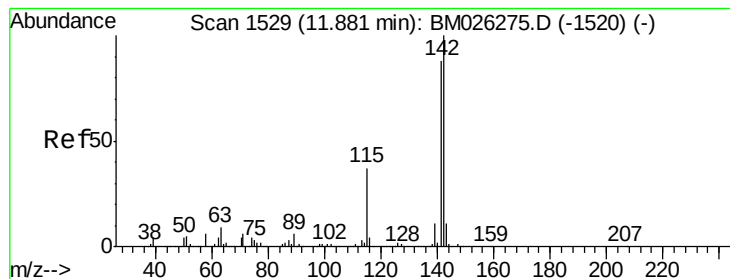
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	107	Resp:	375302
Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.2	28.8
142	75.6	59.0	88.4





#37

2-Methylnaphthalene

Concen: 36.844 ng

RT: 11.86 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

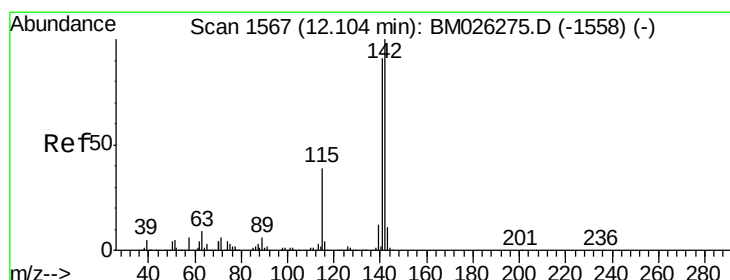
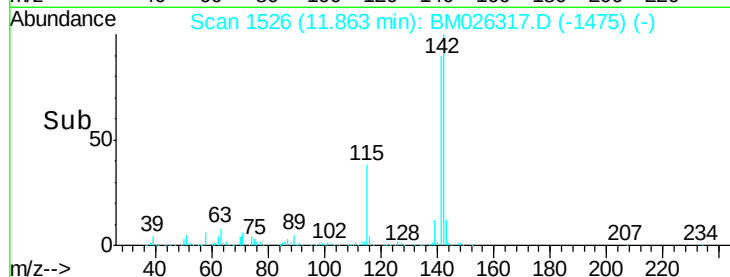
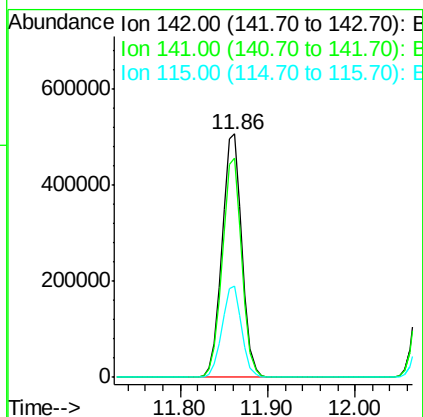
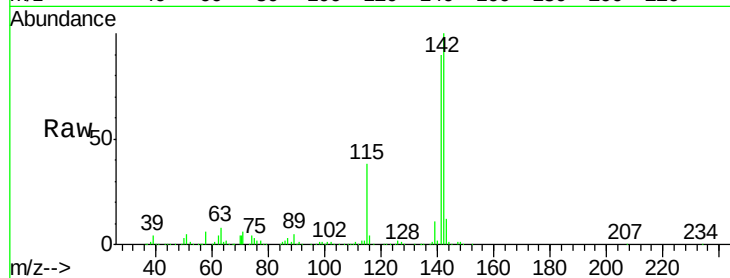
ClientSampleId :

FM-CON-4MSD

Tot Ion:	142	Resp:	793834
Ion Ratio	Lower	Upper	
142	100		
141	90.1	70.7	106.1
115	37.7	29.7	44.5

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#38

1-Methylnaphthalene

Concen: 36.672 ng

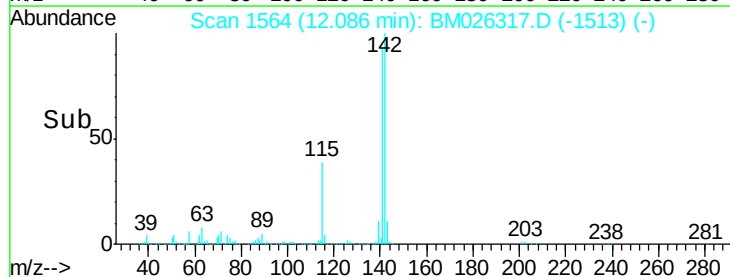
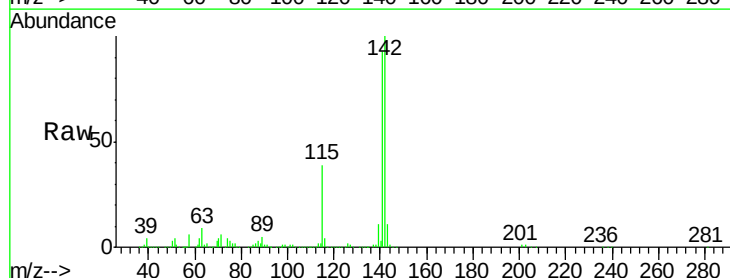
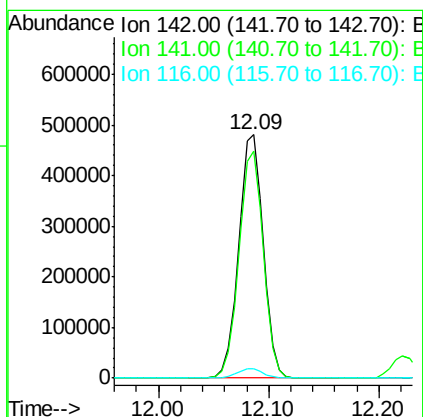
RT: 12.09 min Scan# 1564

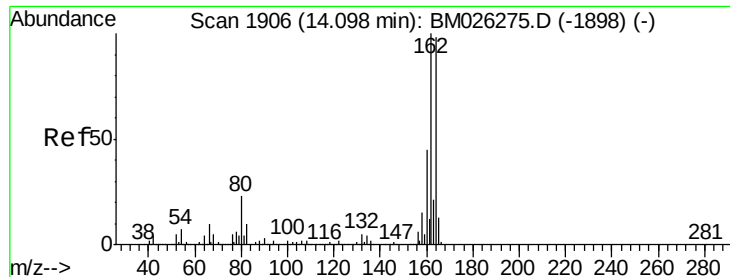
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	142	Resp:	748496
Ion Ratio	Lower	Upper	
142	100		
141	93.3	73.1	109.7
116	4.0	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

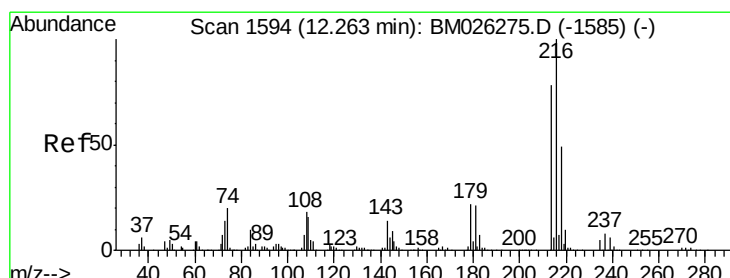
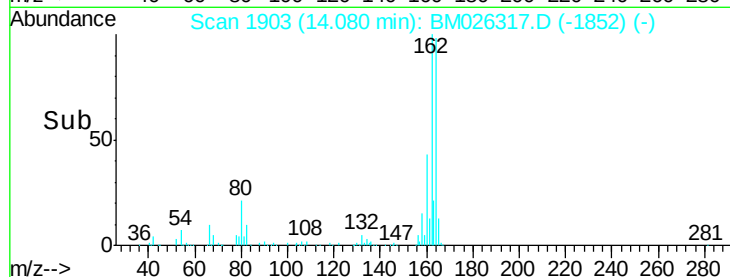
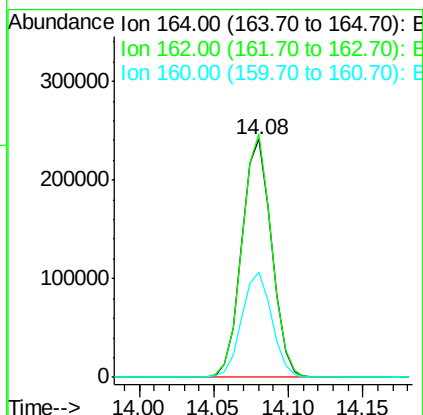
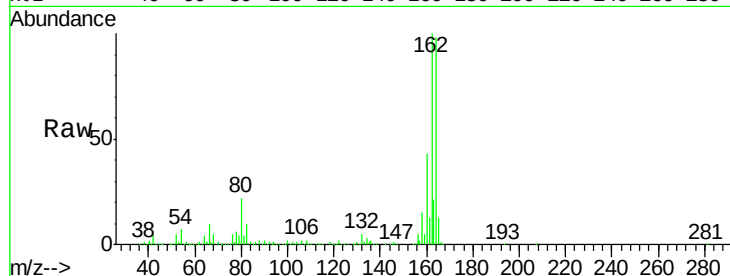
ClientSampleId :

FM-CON-4MSD

Tot Ion:	164	Resp:	333488
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.4	122.2
160	44.3	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.200 ng

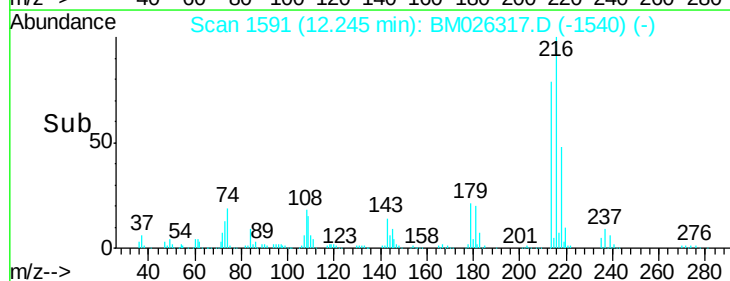
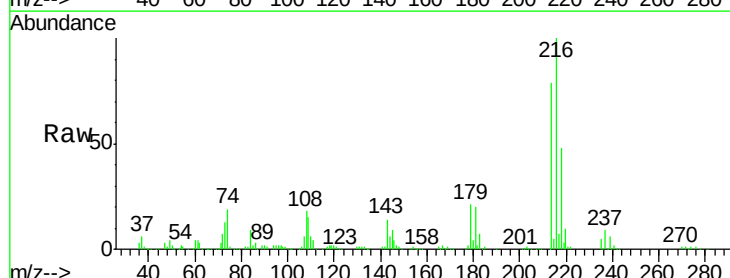
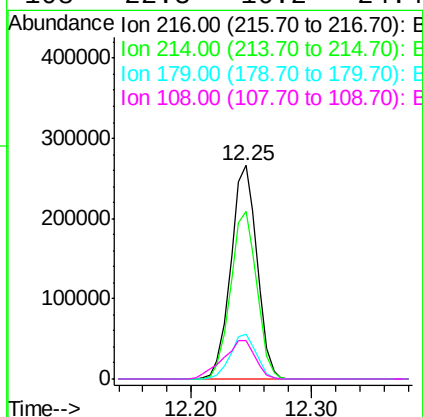
RT: 12.25 min Scan# 1591

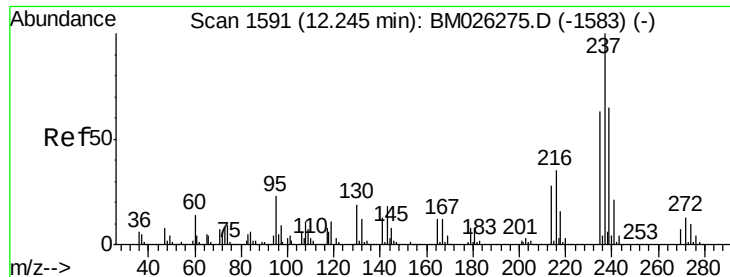
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	216	Resp:	400603
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.1	93.1
179	21.0	17.0	25.4
108	22.3	16.2	24.4





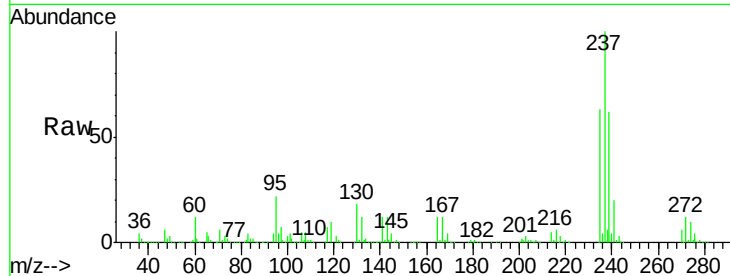
#41
Hexachlorocyclopentadiene
Concen: 95.935 ng
RT: 12.22 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	43.4	83.4
272	12.5	0.0	32.9

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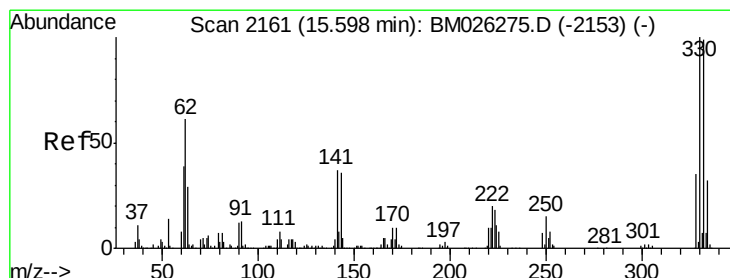
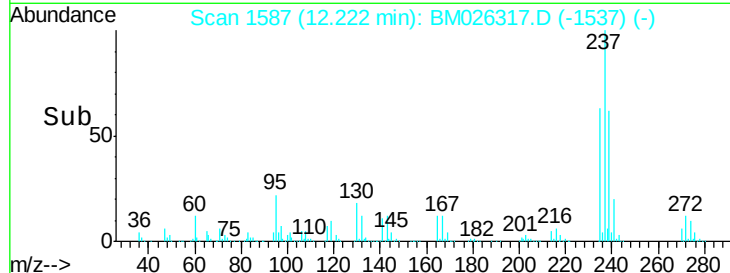
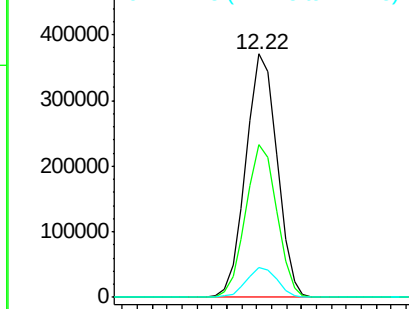


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

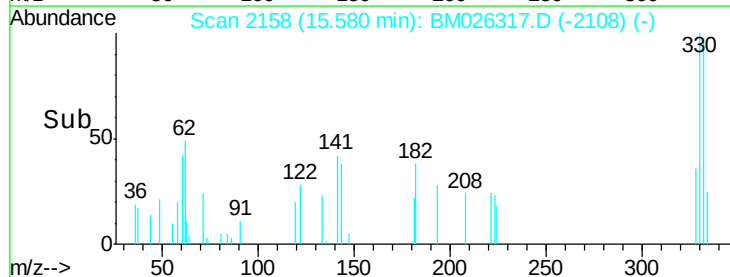
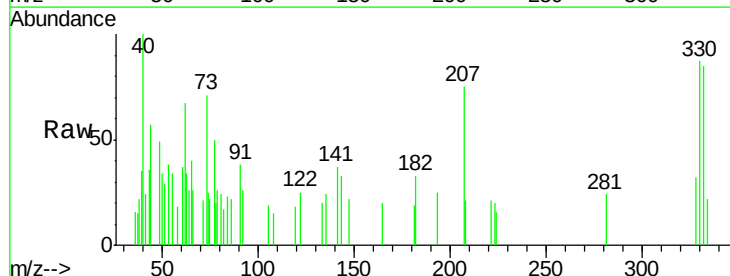
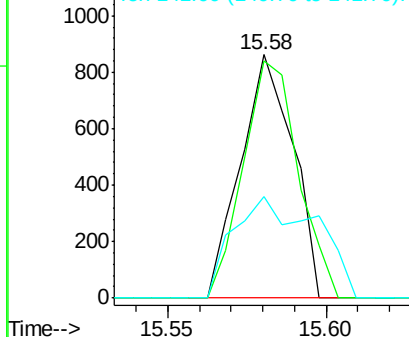
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	102.6	78.1	117.1
141	0.0	30.0	45.0#

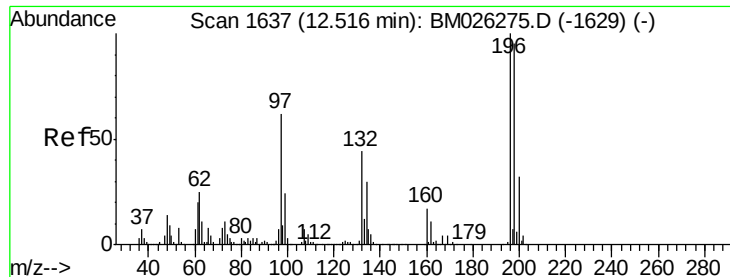
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





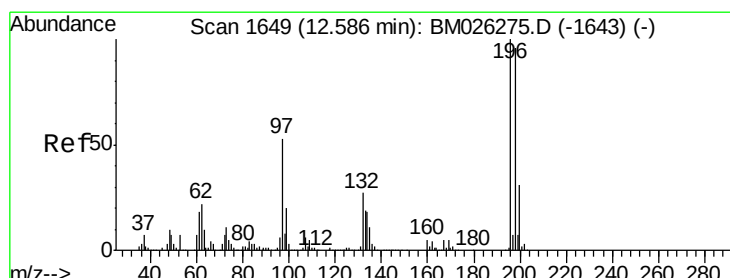
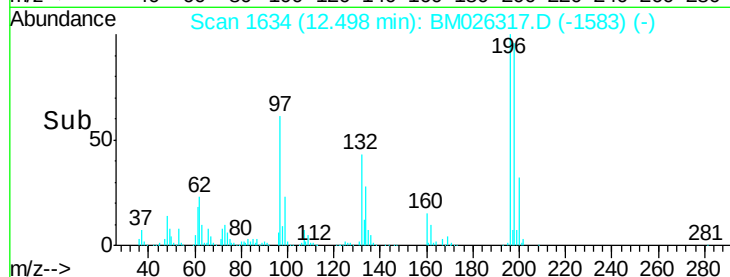
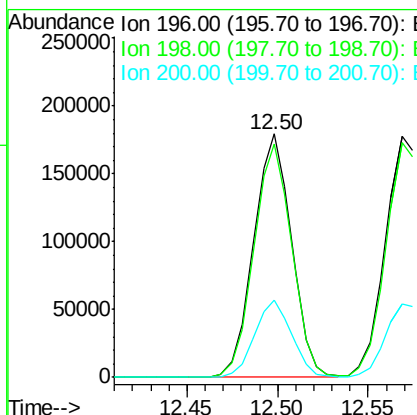
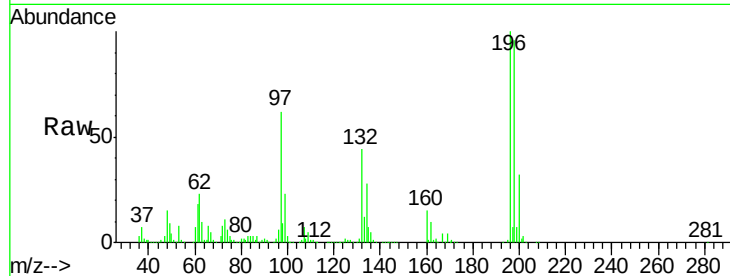
#43
 2,4,6-Trichlorophenol
 Concen: 40.395 ng
 RT: 12.50 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	259555		
198	95.6	75.7	113.5	
200	31.6	25.4	38.2	

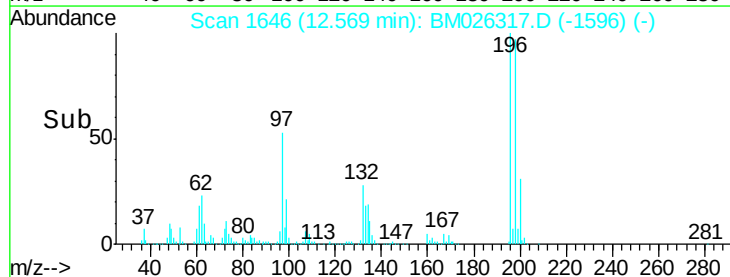
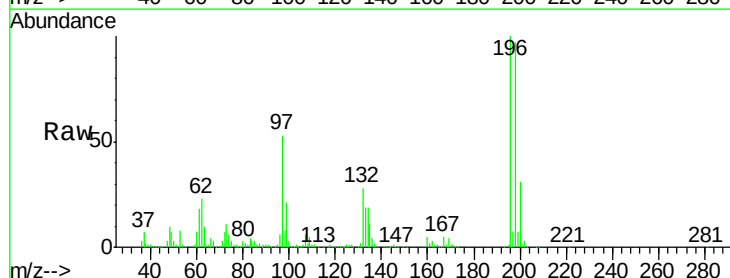
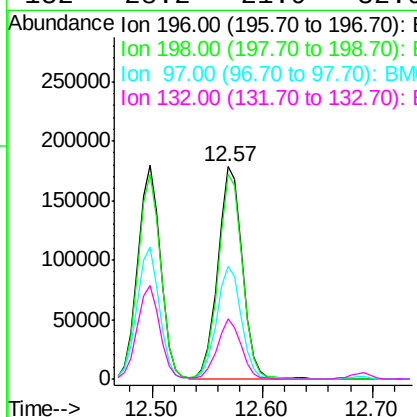
Manual Integrations
 APPROVED

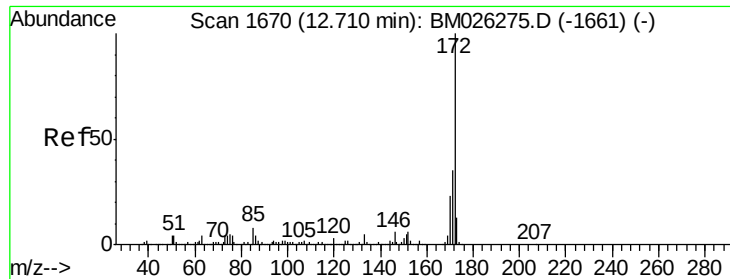
mohammad
 6/10/2020 11:51:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.738 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274005		
198	96.9	77.0	115.6	
97	53.0	42.8	64.2	
132	28.2	21.9	32.9	





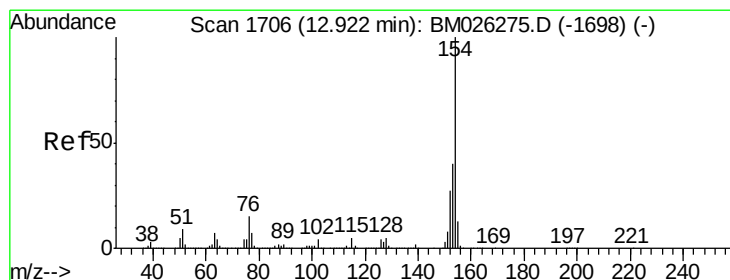
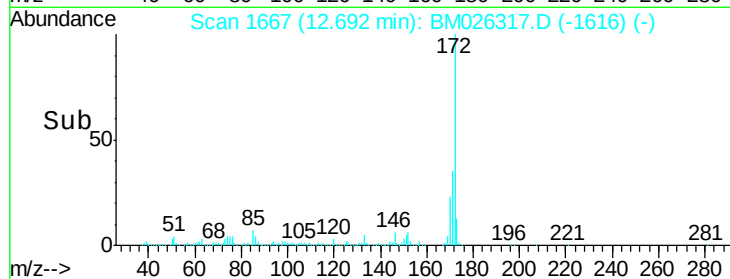
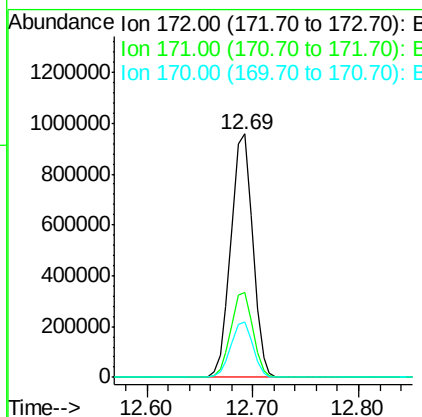
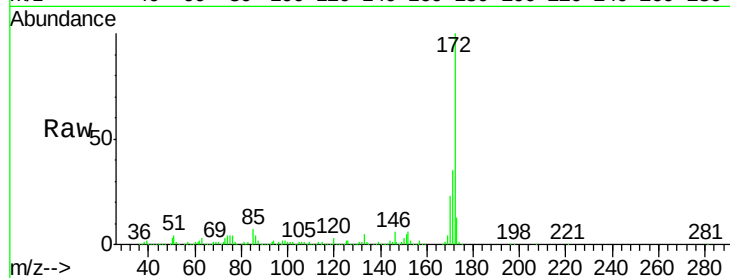
#45
2-Fluorobiphenyl
Concen: 62.092 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion:172 Resp: 1364119
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.7 18.3 27.5

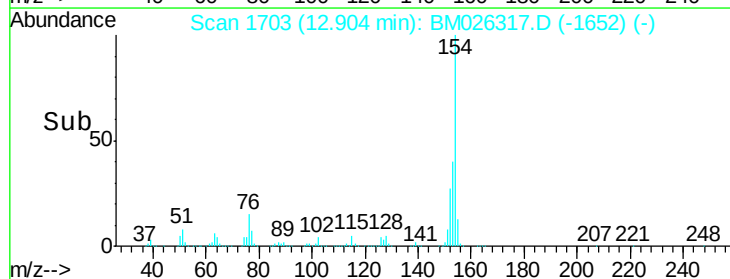
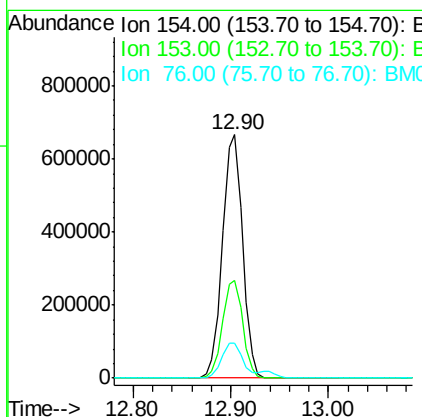
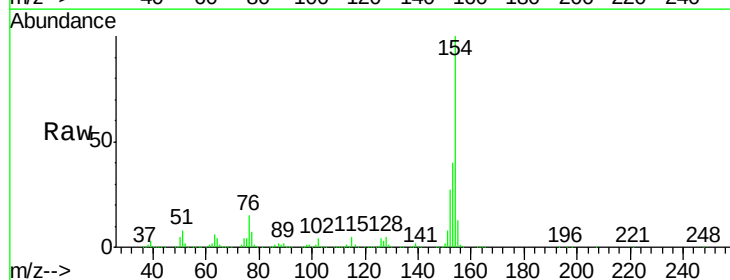
Manual Integrations
APPROVED

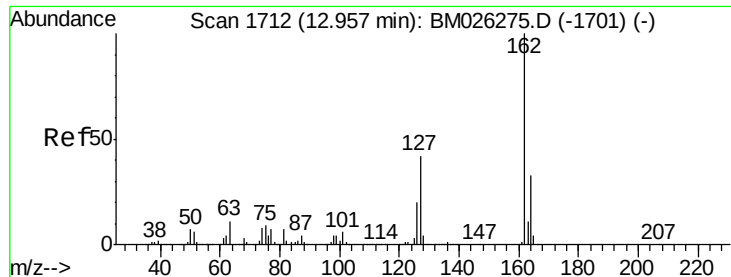
mohammad
6/10/2020 11:51:27 AM



#46
1,1'-Biphenyl
Concen: 40.718 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion:154 Resp: 952006
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 14.5 0.0 34.7





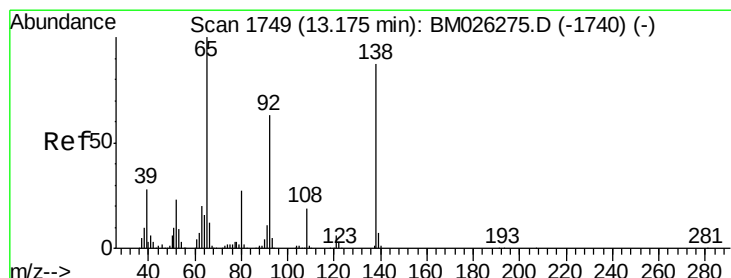
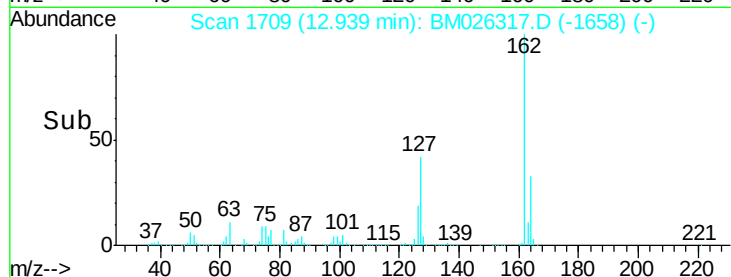
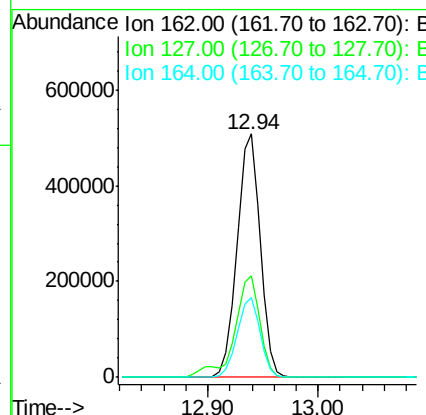
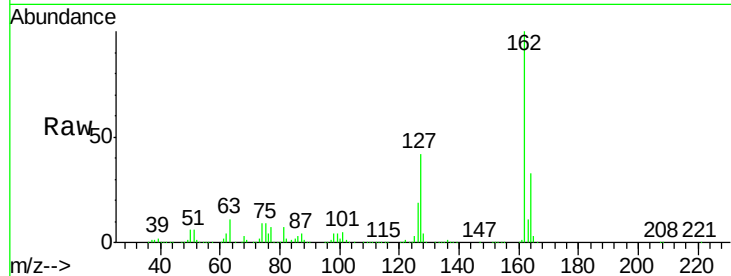
#47
2-Chloronaphthalene
Concen: 39.343 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	32.8	26.4	39.6

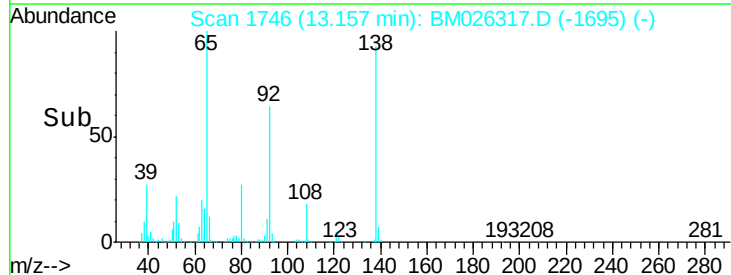
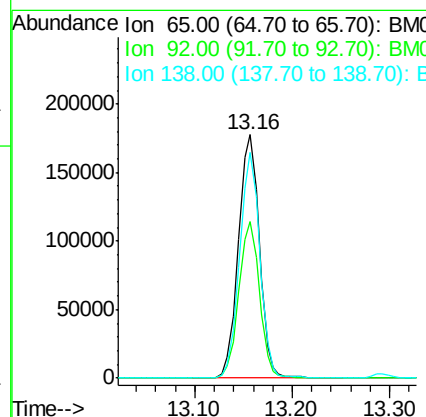
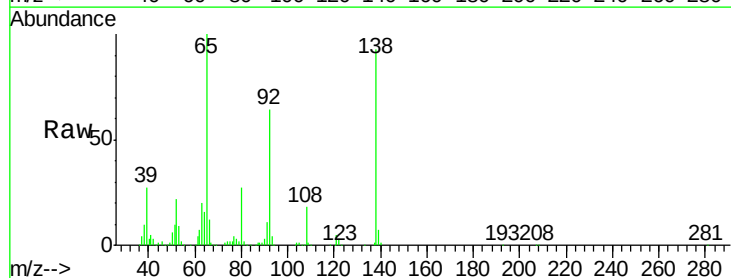
Manual Integrations
APPROVED

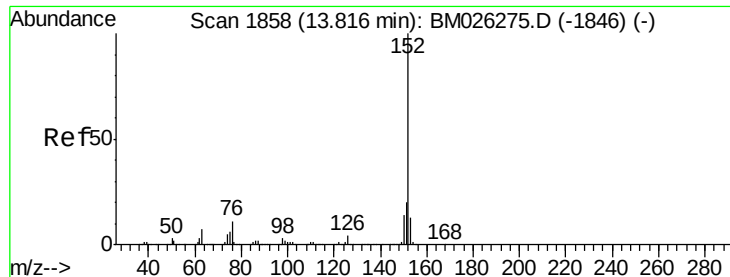
mohammad
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#48
2-Nitroaniline
Concen: 35.397 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	50.6	75.8
138	92.8	69.6	104.4





#49

Acenaphthylene

Concen: 38.514 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

ClientSampleId :

FM-CON-4MSD

Tot Ion:152 Resp: 1169837

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

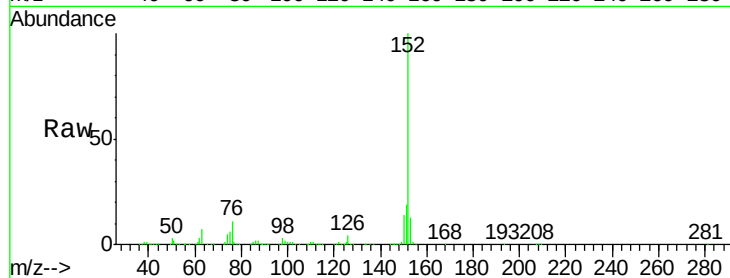
153 12.7 10.2 15.4

Manual Integrations

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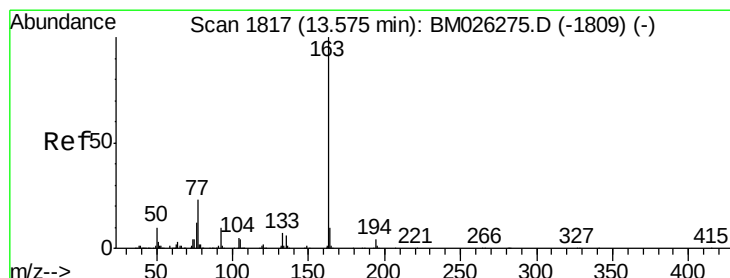
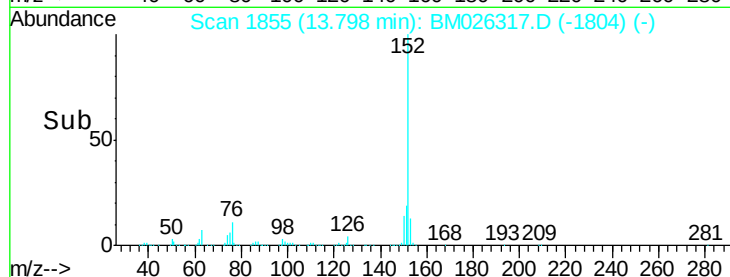
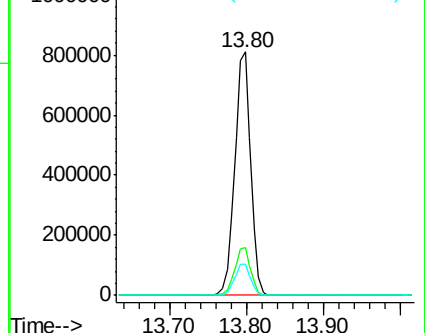
6/10/2020 11:51:27 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.598 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

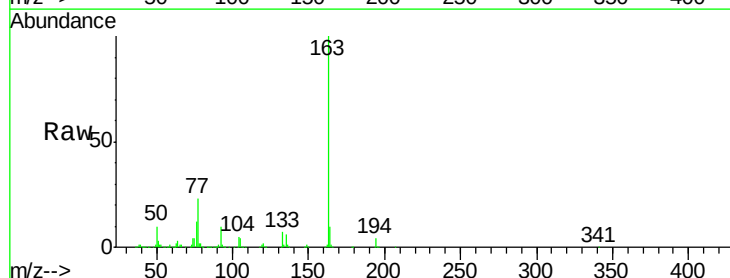
Tgt Ion:163 Resp: 1014659

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

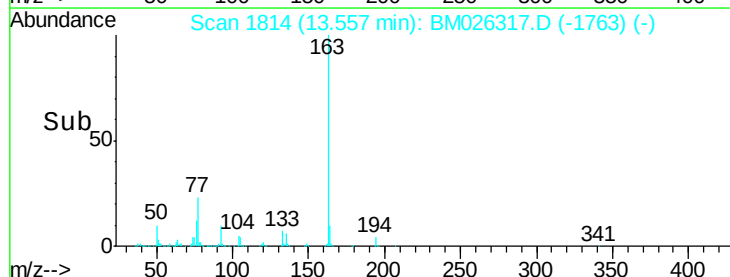
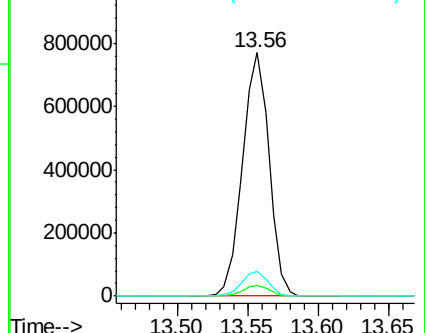
164 9.9 8.0 12.0

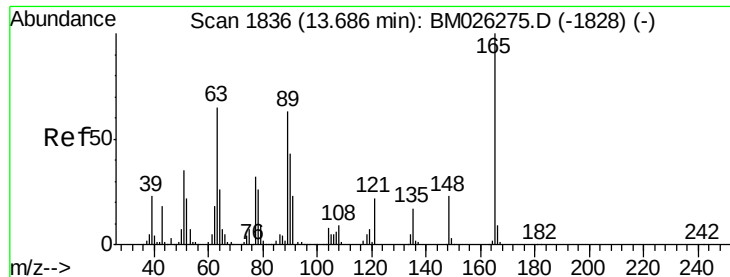


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





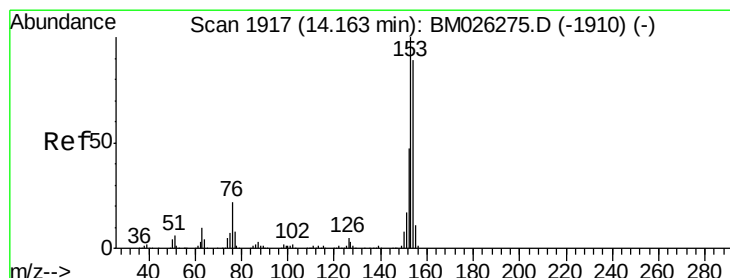
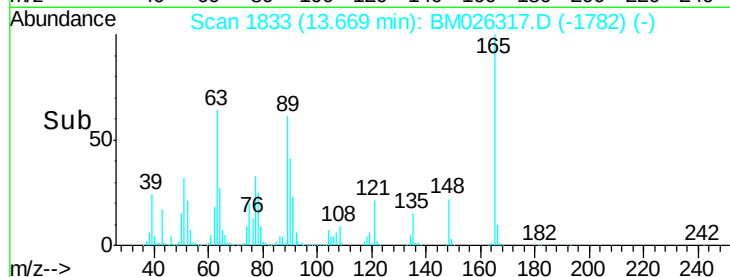
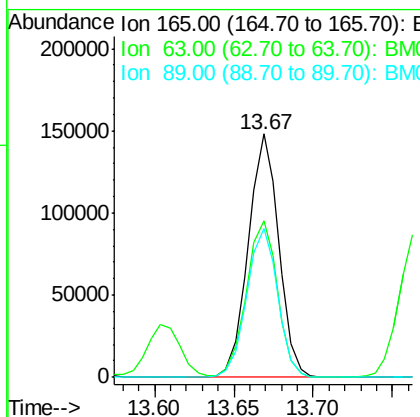
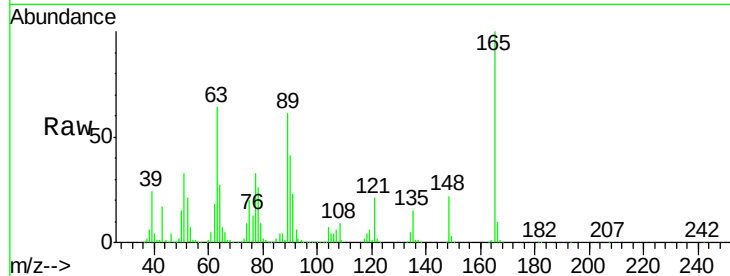
#51
 2,6-Dinitrotoluene
 Concen: 36.848 ng
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197228		
63	64.2	55.0	82.4	
89	61.2	50.0	75.0	

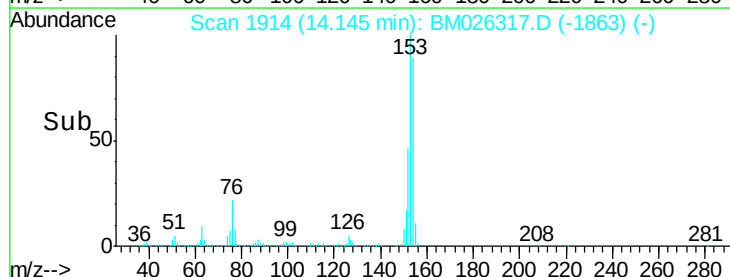
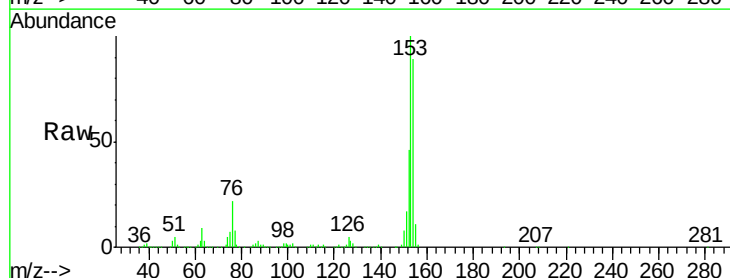
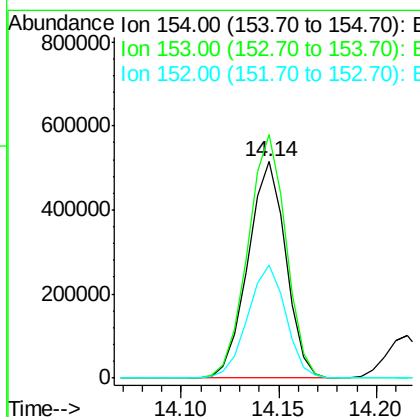
Manual Integrations
 APPROVED

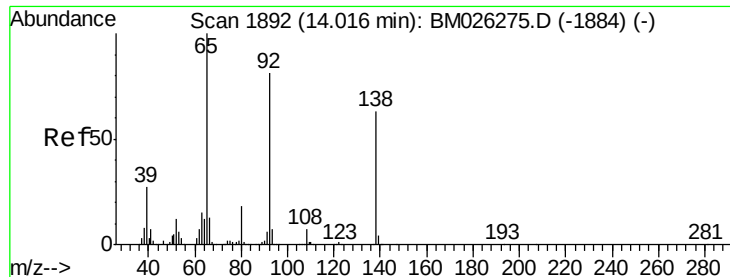
mohammad
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#52
 Acenaphthene
 Concen: 38.068 ng
 RT: 14.14 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	694167		
153	112.5	89.6	134.4	
152	52.3	42.1	63.1	





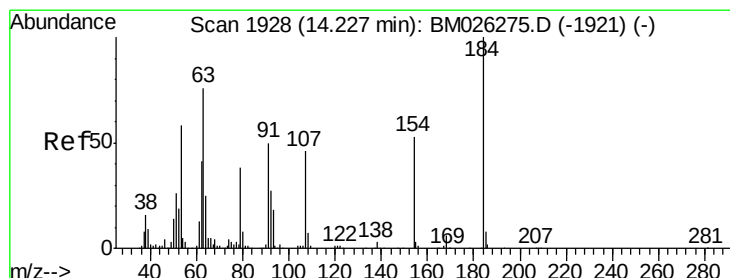
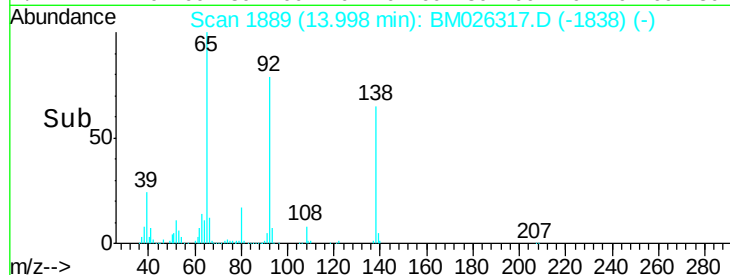
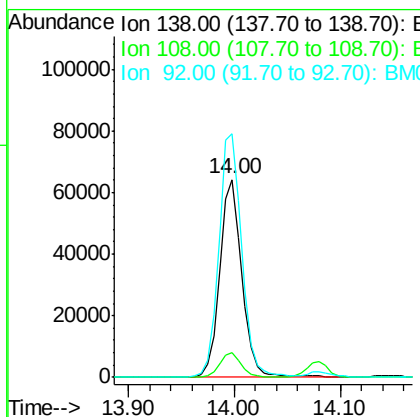
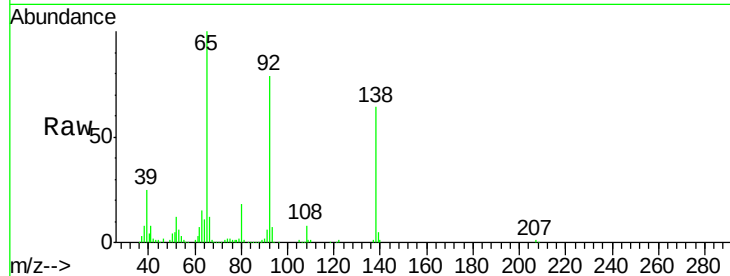
#53
 3-Nitroaniline
 Concen: 15.774 ng
 RT: 14.00 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.4	14.0
92	123.0	103.1	154.7

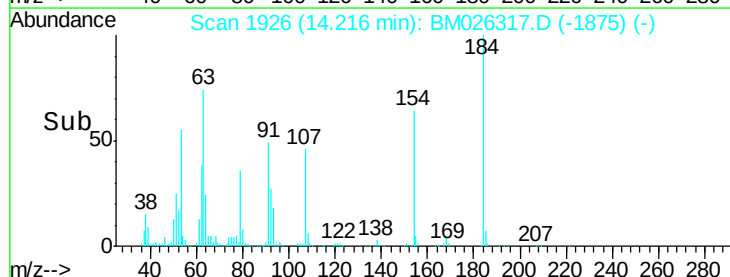
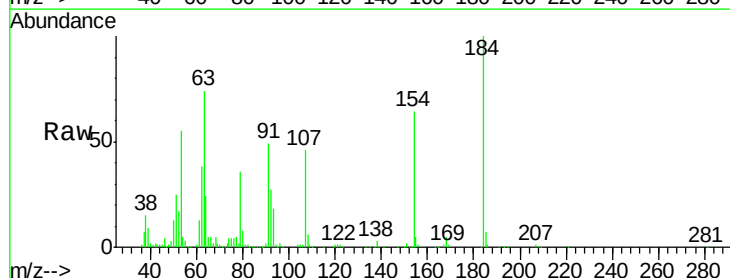
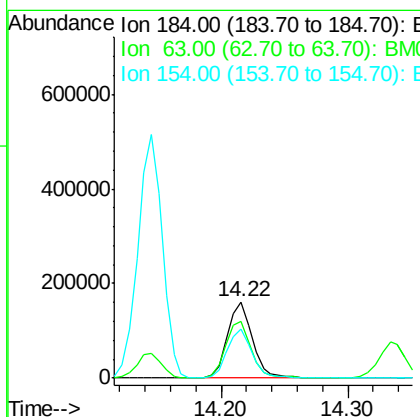
Manual Integrations
 APPROVED

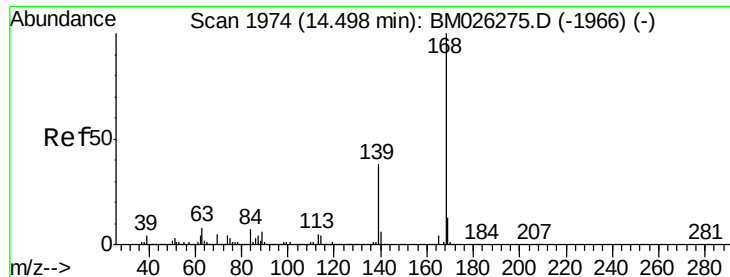
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 67.557 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.8	61.6	92.4
154	63.7	52.1	78.1





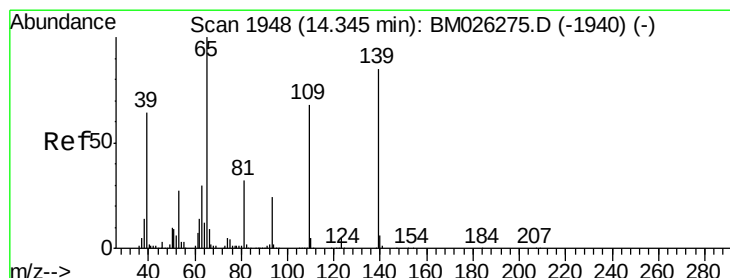
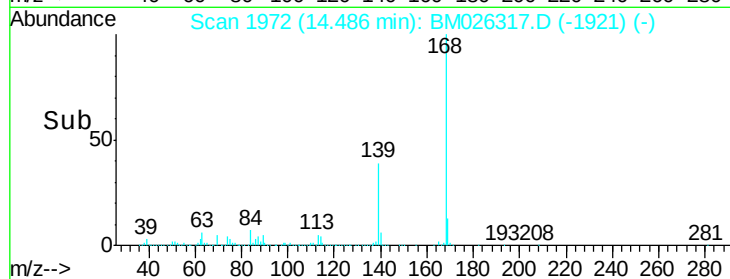
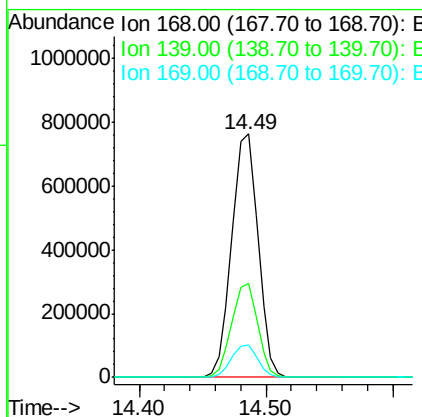
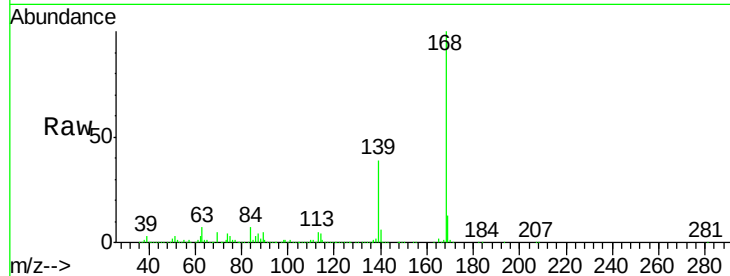
#55
Dibenzofuran
Concen: 37.239 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.7	46.1
169	13.1	10.5	15.7

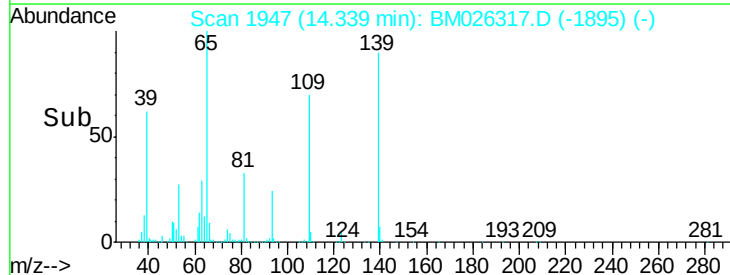
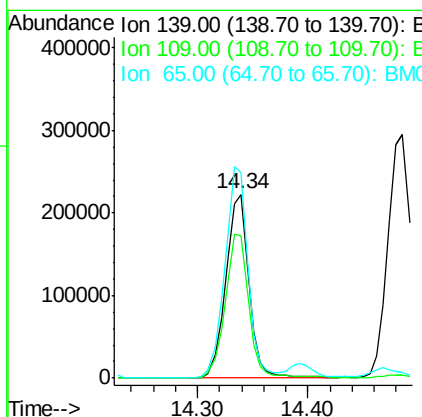
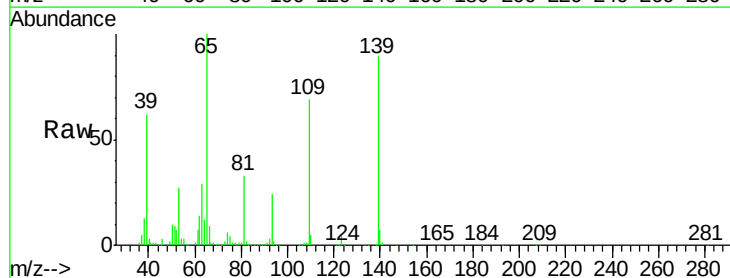
Manual Integrations
APPROVED

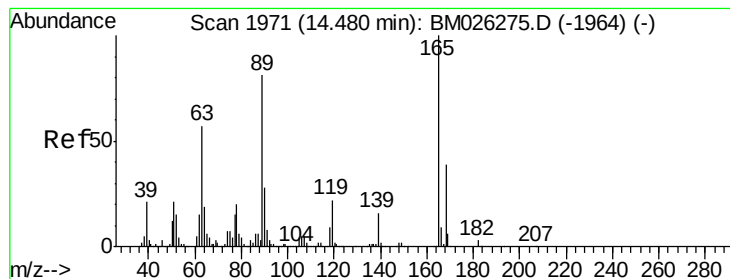
mohammad
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#56
4-Nitrophenol
Concen: 69.744 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	59.9	99.9
65	111.6	97.8	137.8





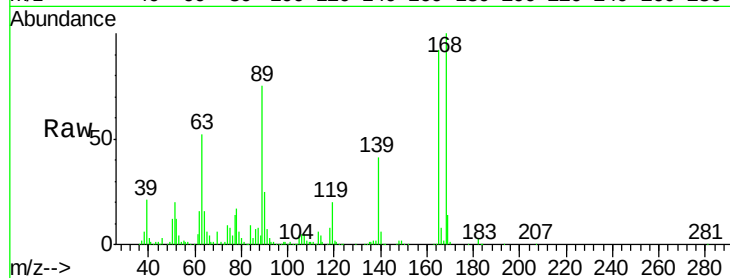
#57
2,4-Dinitrotoluene
Concen: 35.962 ng
RT: 14.47 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	45.8	68.6
89	80.9	64.7	97.1
182	3.4	2.4	3.6

Manual Integrations
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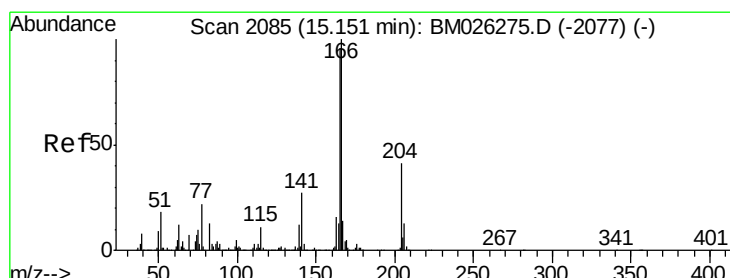
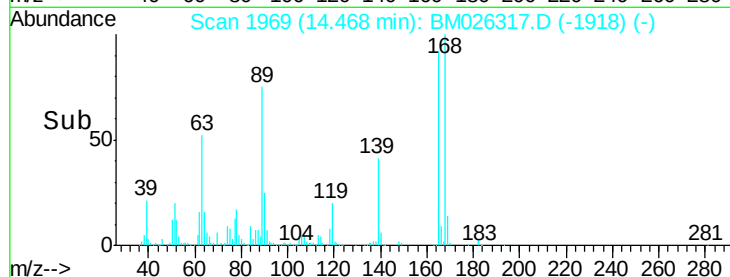
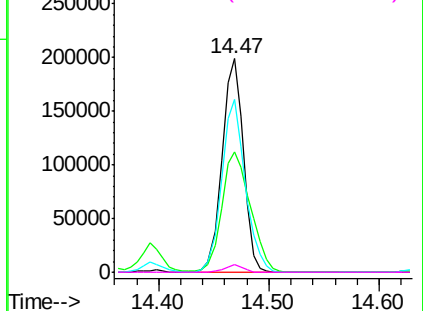
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.845 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

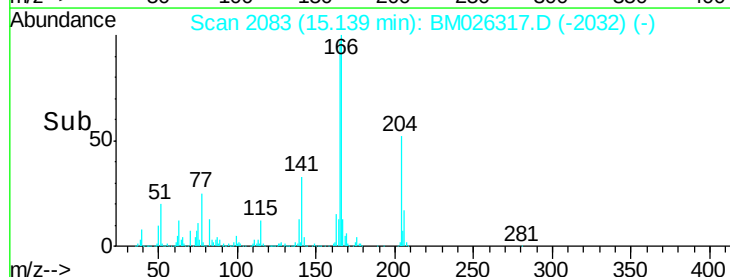
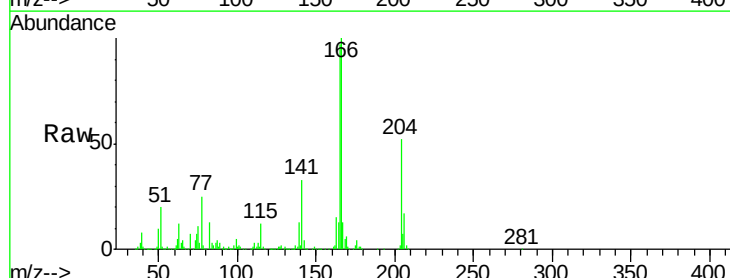
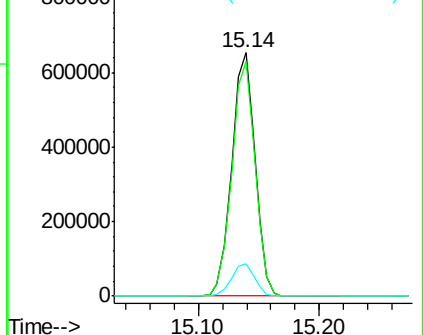
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.7	115.1
167	13.4	11.0	16.4

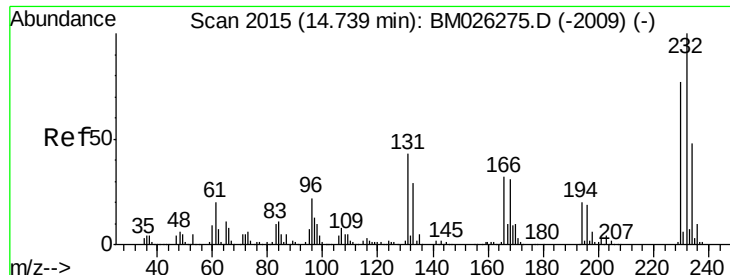
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





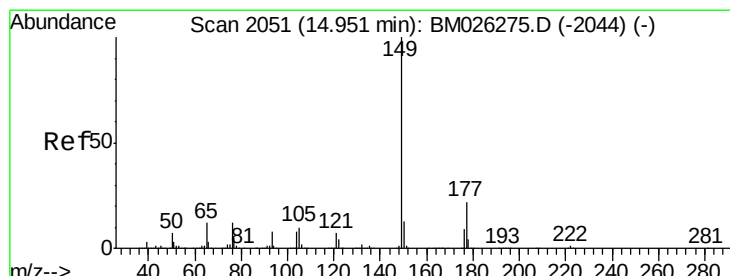
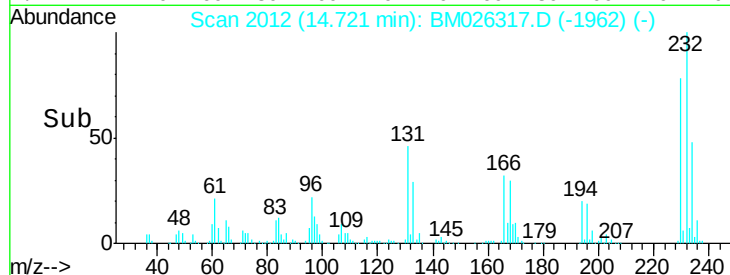
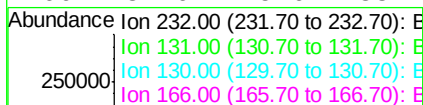
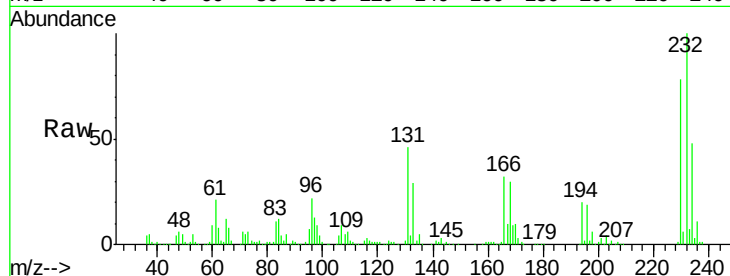
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.304 ng
 RT: 14.72 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.3	55.9
130	2.3	1.9	2.9
166	31.6	25.6	38.4

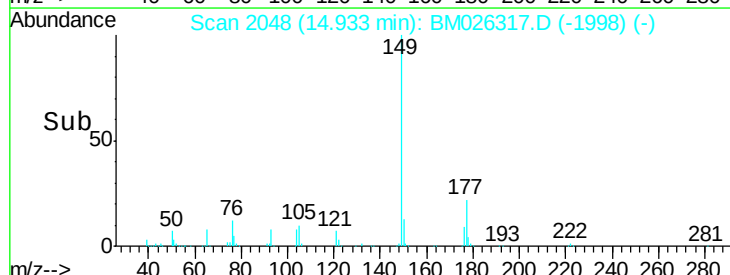
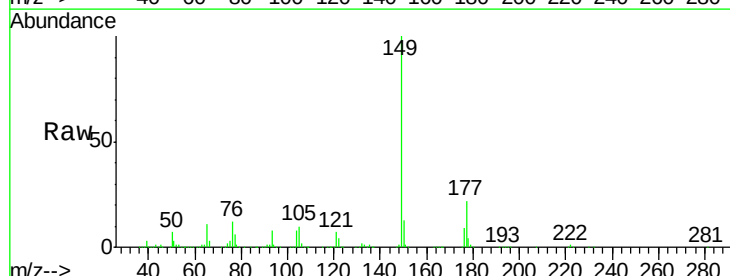
Manual Integrations
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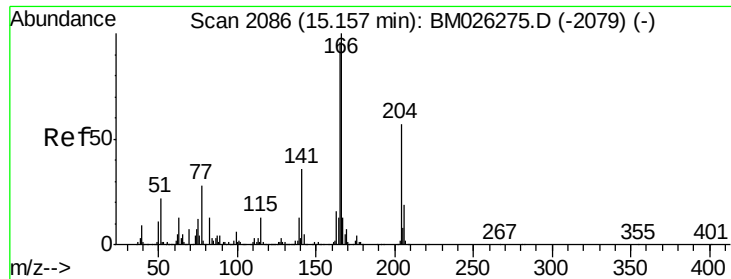
mohammad
 6/10/2020 11:51:27 AM



#60
 Diethylphthalate
 Concen: 35.247 ng
 RT: 14.93 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.6
150	12.8	10.2	15.2





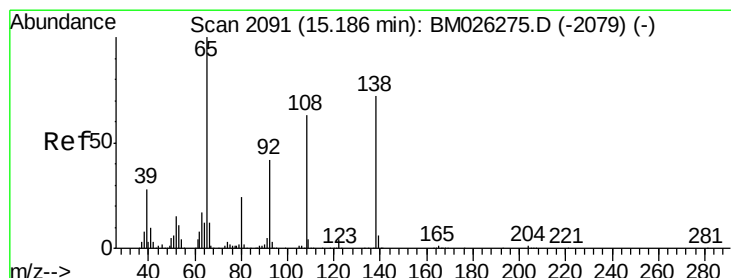
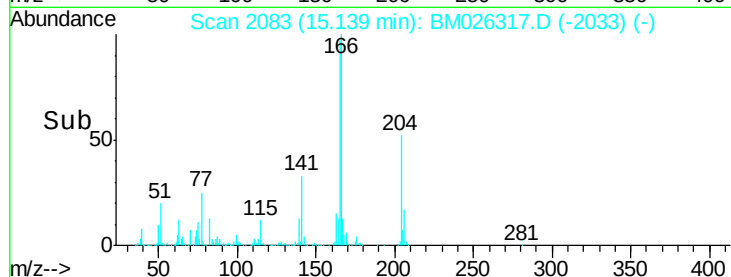
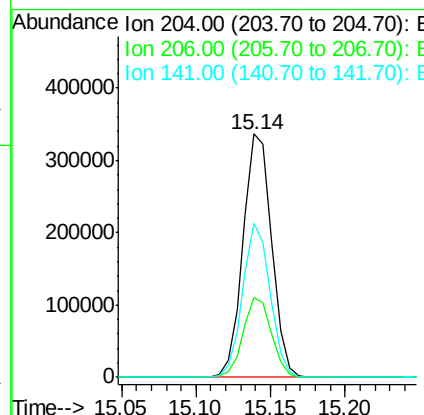
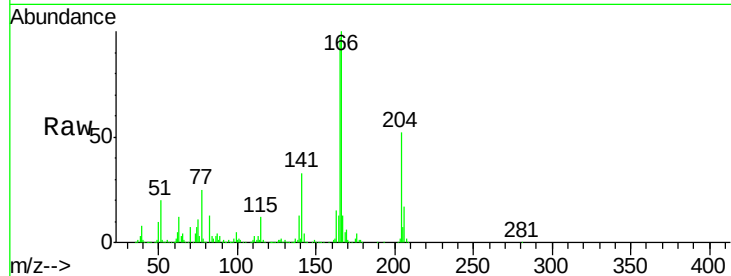
#61
 4-Chlorophenyl-phenylether
 Concen: 35.443 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	63.5	50.6	76.0

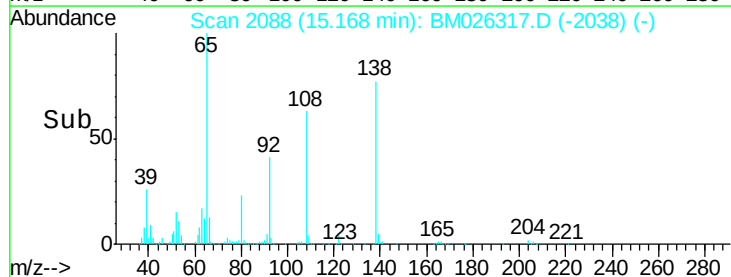
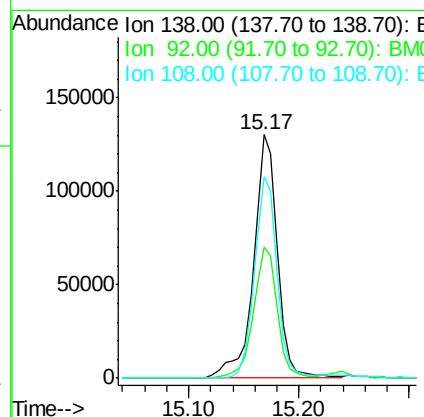
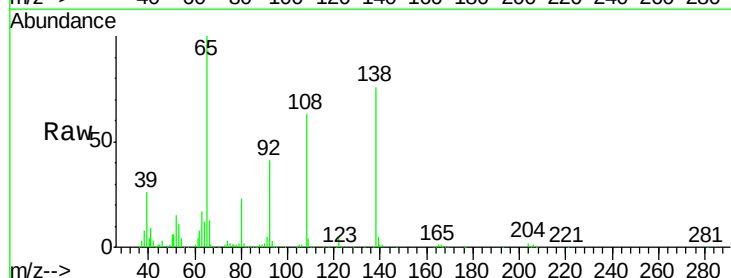
Manual Integrations
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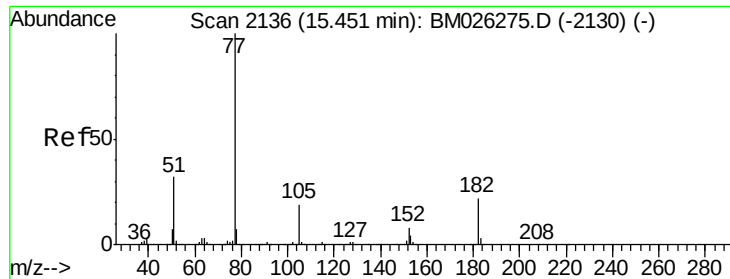
mohammad
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#62
 4-Nitroaniline
 Concen: 31.159 ng
 RT: 15.17 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	38.0	78.0
108	82.8	67.3	107.3





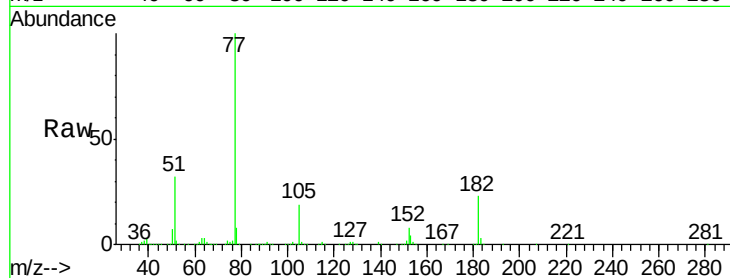
#63
Azobenzene
Concen: 35.996 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

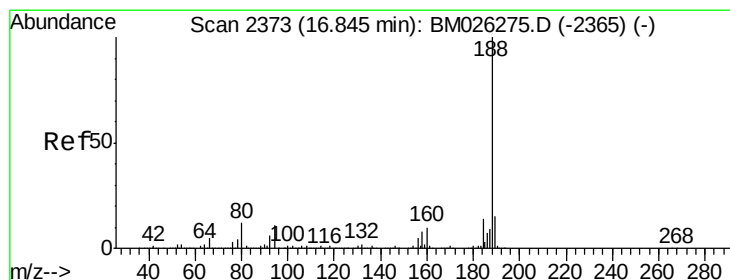
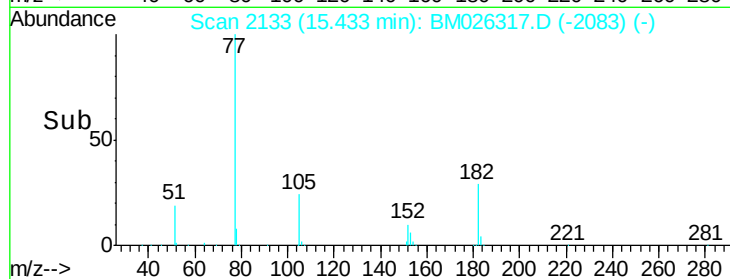
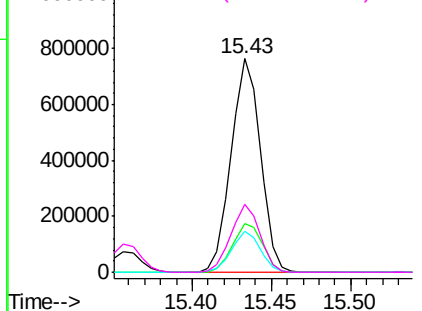
Tot Ion	Ratio	Lower	Upper
77	100		
182	22.8	2.0	42.0
105	19.2	0.0	38.8
51	31.8	12.3	52.3

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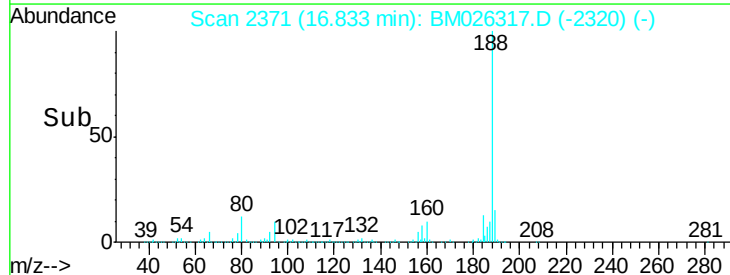
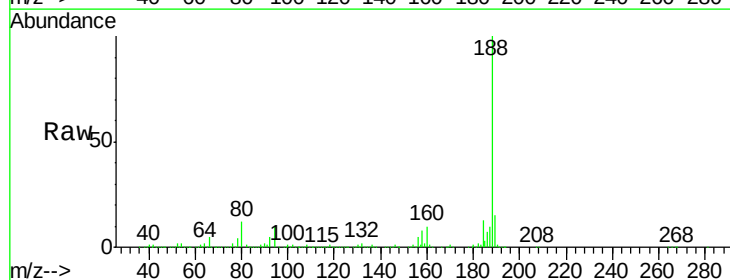
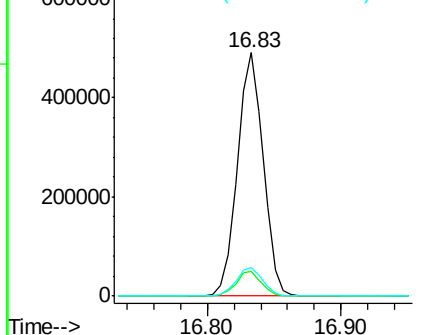
Abundance Ion 77.00 (76.70 to 77.70): BM026317.D (-2083) (-)
Ion 182.00 (181.70 to 182.70): BM026317.D (-2083) (-)
Ion 105.00 (104.70 to 105.70): BM026317.D (-2083) (-)
Ion 51.00 (50.70 to 51.70): BM026317.D (-2083) (-)

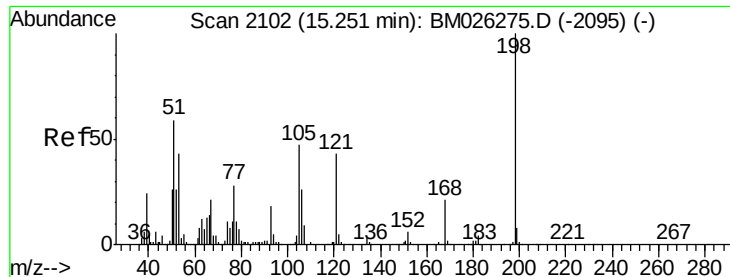


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	12.8
80	11.6	9.7	14.5

Abundance Ion 188.00 (187.70 to 188.70): BM026317.D (-2320) (-)
Ion 94.00 (93.70 to 94.70): BM026317.D (-2320) (-)
Ion 80.00 (79.70 to 80.70): BM026317.D (-2320) (-)





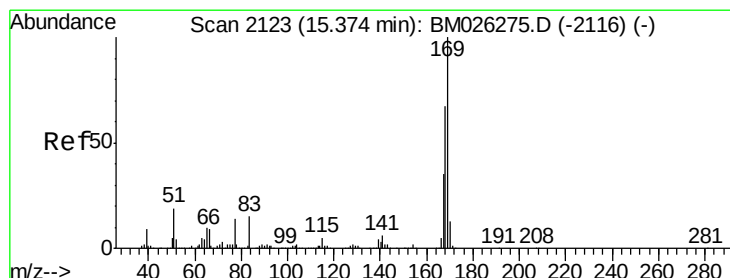
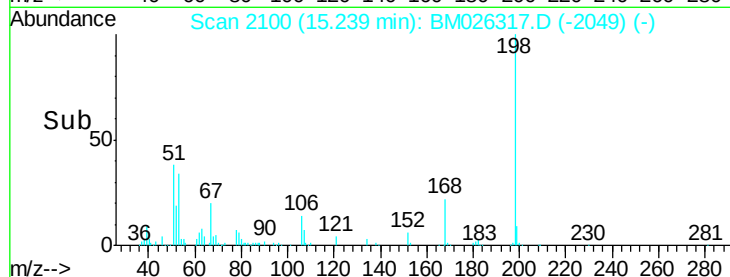
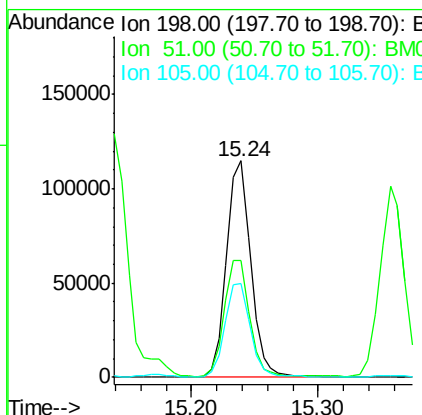
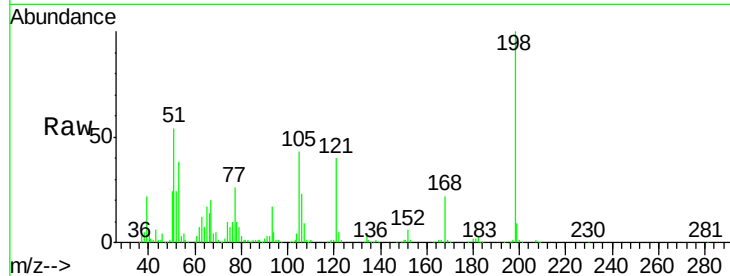
#65
4,6-Dinitro-2-methylphenol
Concen: 38.415 ng
RT: 15.24 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	153373		
51	54.0	39.6	79.6	
105	43.2	26.9	66.9	

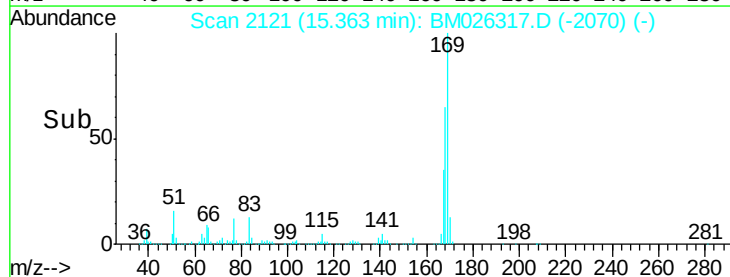
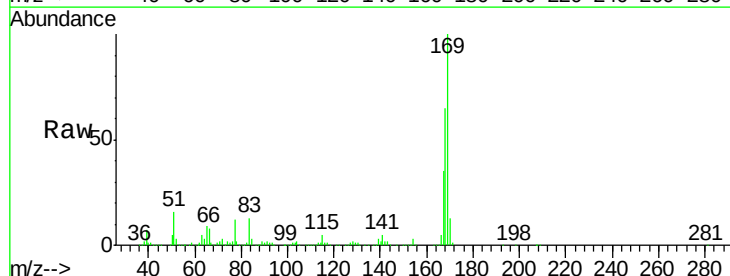
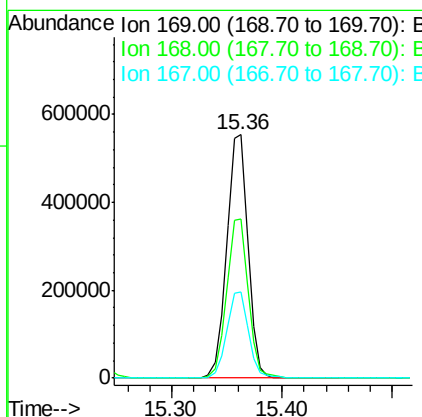
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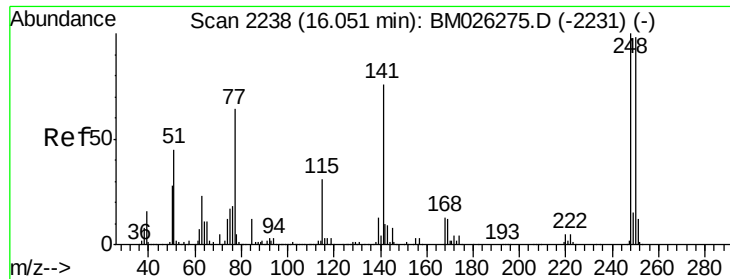
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.358 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	748596		
168	65.3	53.4	80.2	
167	35.4	28.3	42.5	





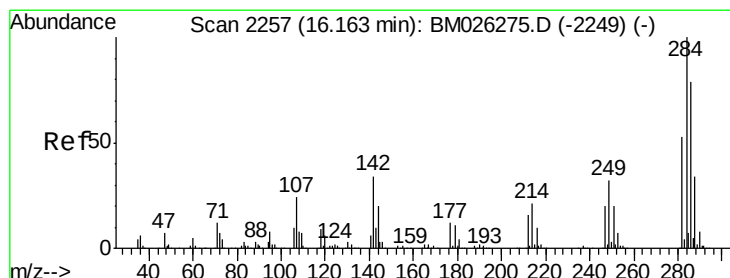
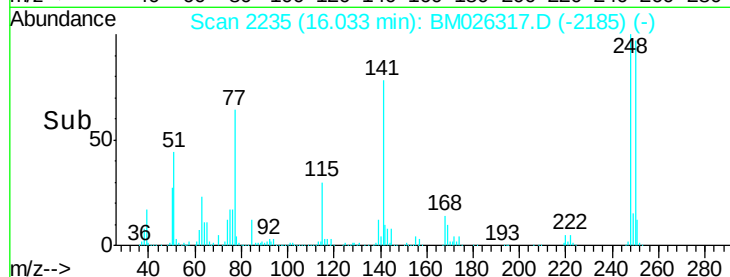
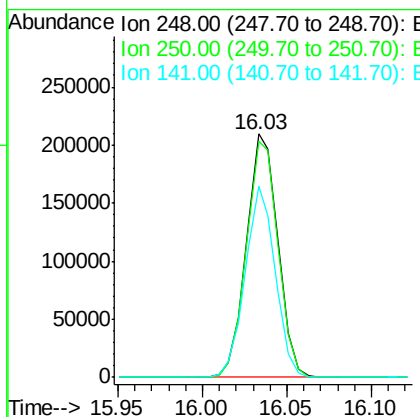
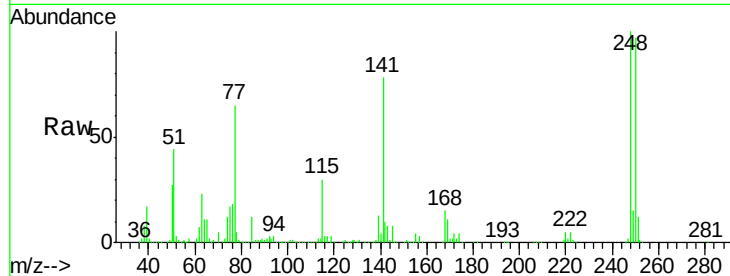
#67
4-Bromophenyl-phenylether
Concen: 37.529 ng
RT: 16.03 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.2
141	78.3	60.7	91.1

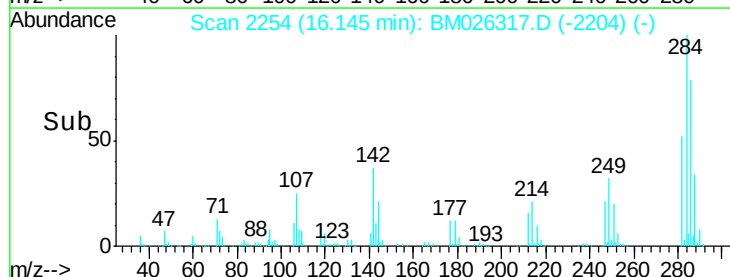
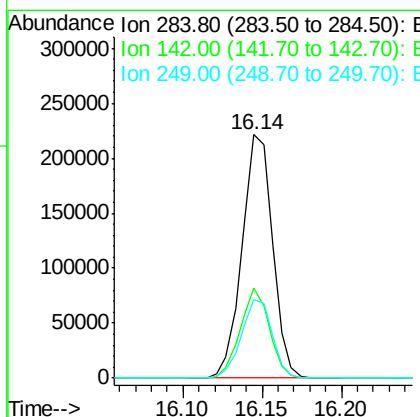
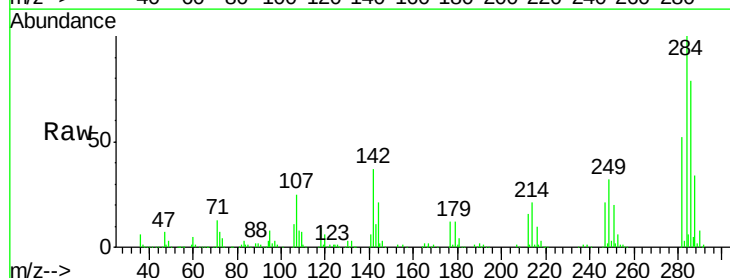
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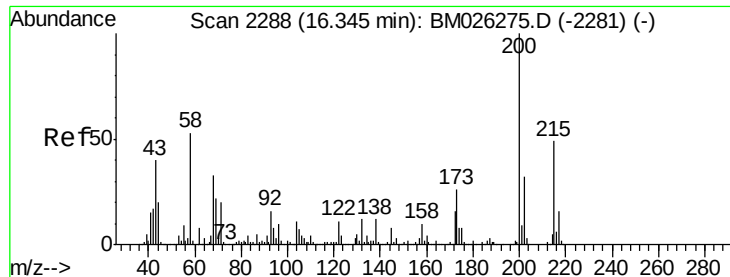
mohammad
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#68
Hexachlorobenzene
Concen: 39.235 ng
RT: 16.14 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	27.3	40.9
249	32.3	25.6	38.4





#69

Atrazine

Concen: 42.522 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

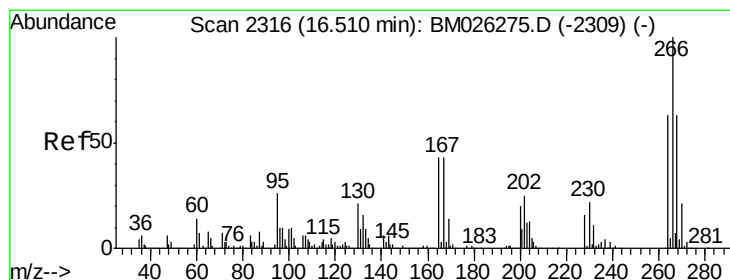
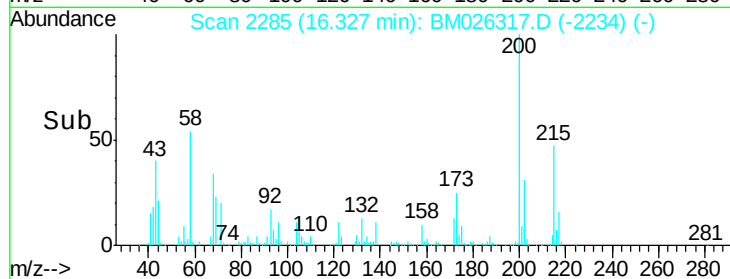
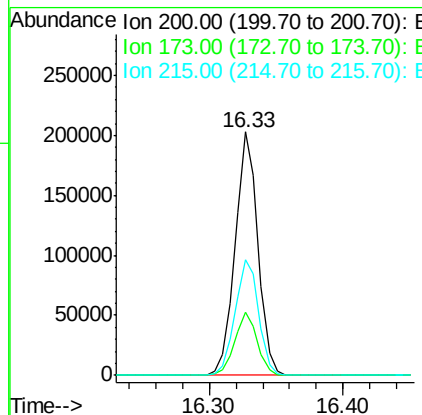
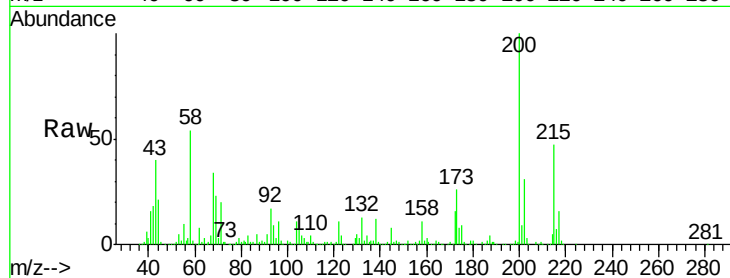
ClientSampleId :

FM-CON-4MSD

Tot Ion:	200	Resp:	241628
Ion Ratio	Lower	Upper	
200	100		
173	26.1	6.4	46.4
215	47.4	28.7	68.7

Manual Integrations
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#70

Pentachlorophenol

Concen: 75.991 ng

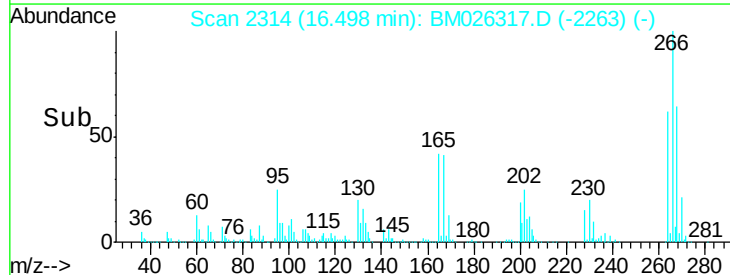
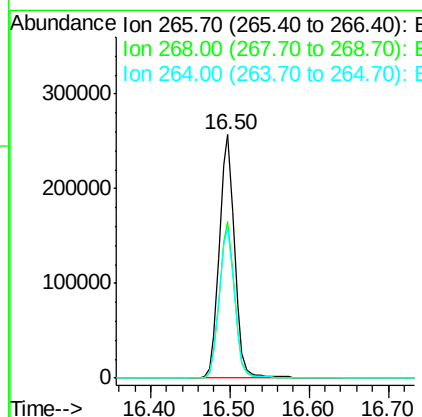
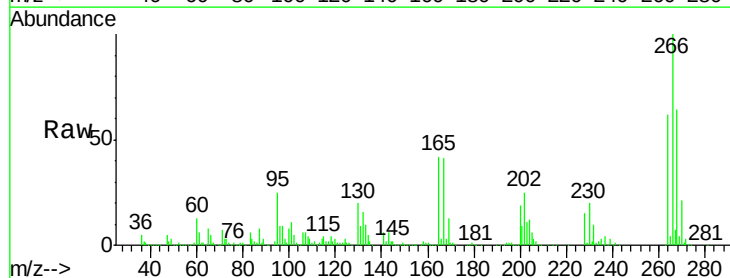
RT: 16.50 min Scan# 2314

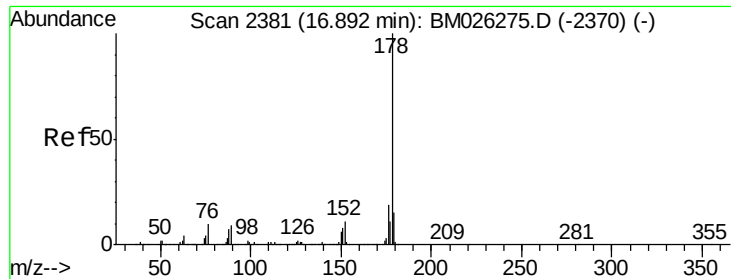
Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	266	Resp:	345135
Ion Ratio	Lower	Upper	
266	100		
268	64.3	50.5	75.7
264	61.9	50.2	75.4





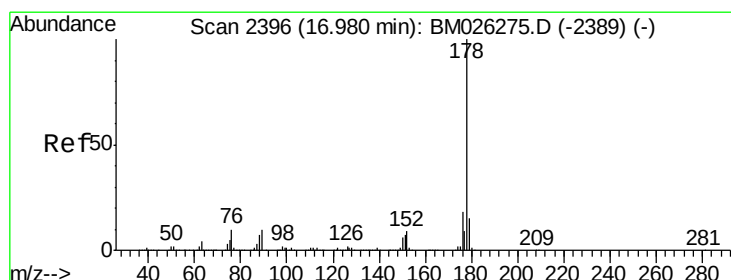
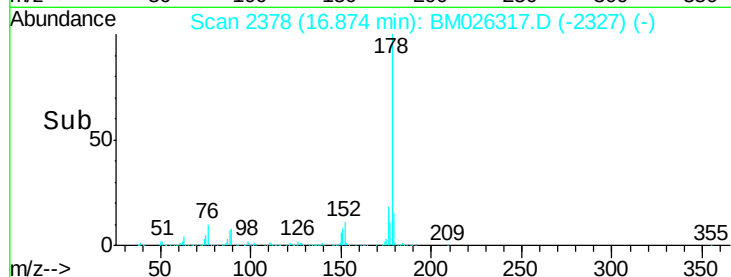
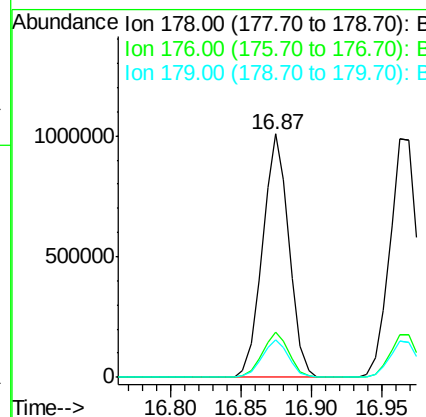
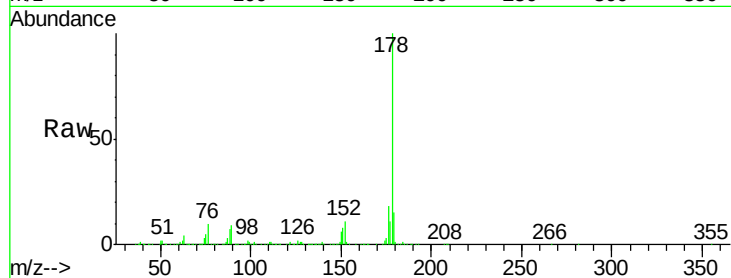
#71
Phenanthrene
Concen: 38.747 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	12.0	18.0

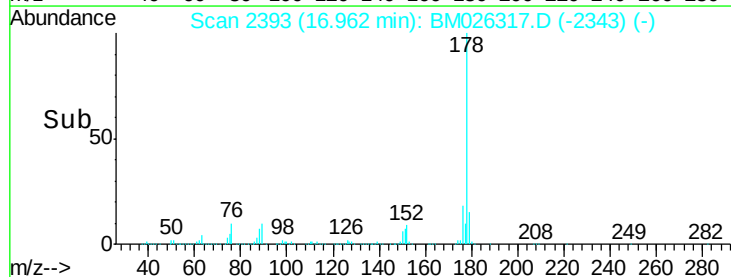
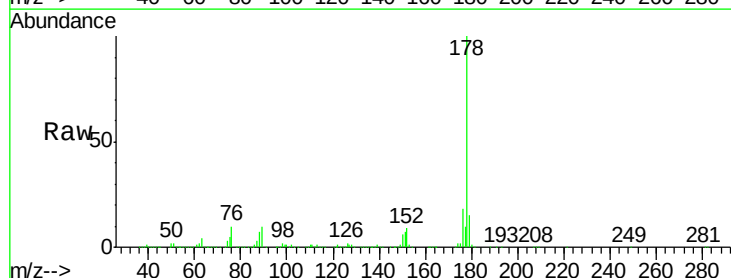
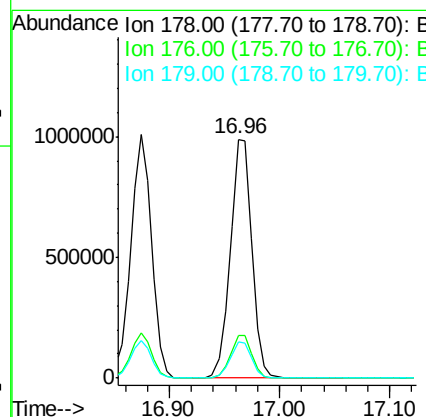
Manual Integrations
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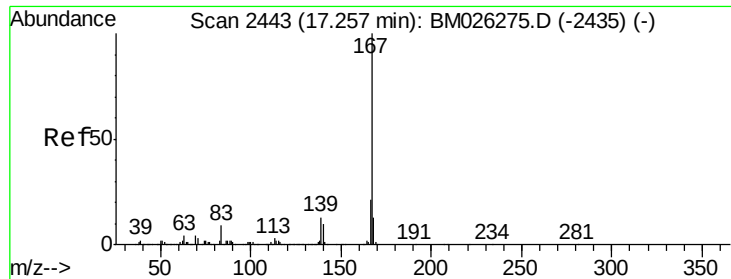
mohammad
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#72
Anthracene
Concen: 39.593 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.4	21.6
179	15.4	12.2	18.4





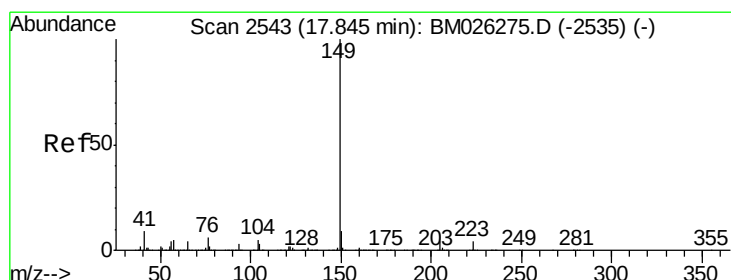
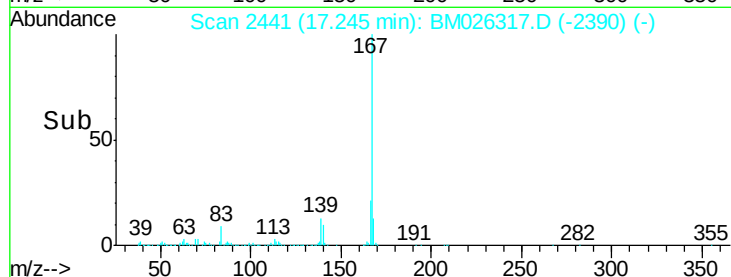
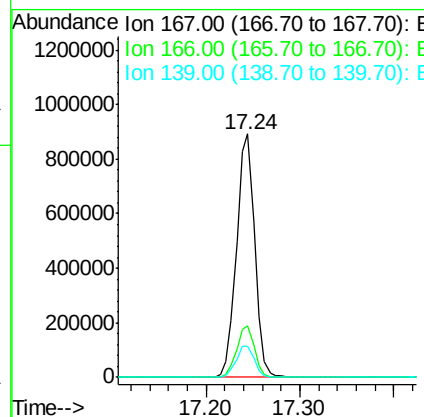
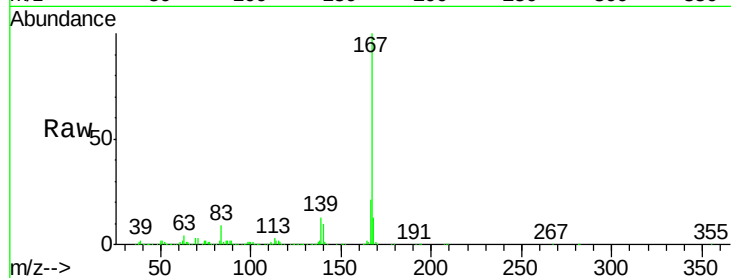
#73
 Carbazole
 Concen: 36.961 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion:167 Resp: 1196069
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.8 25.2
 139 12.9 10.6 15.8

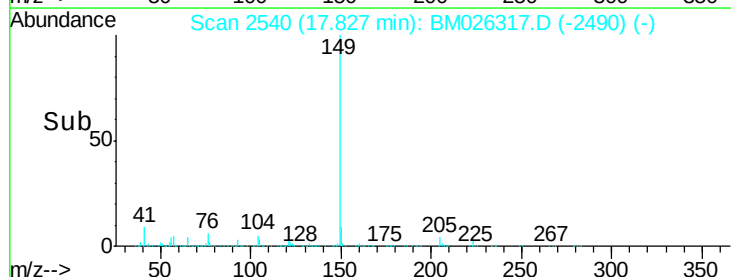
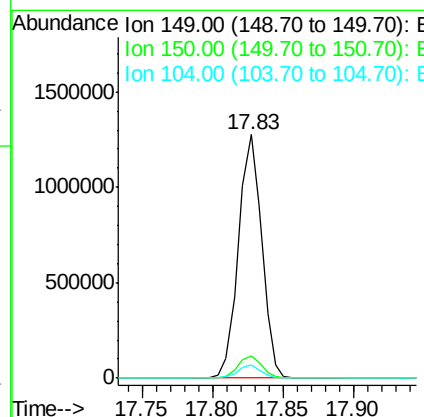
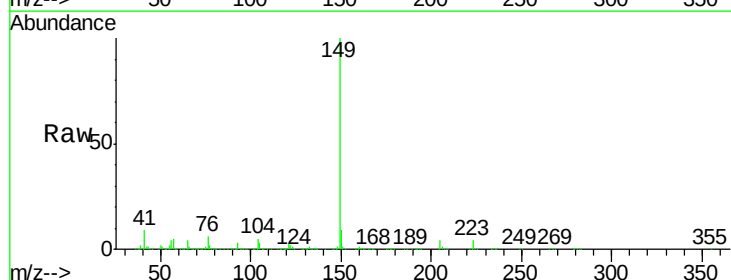
Manual Integrations
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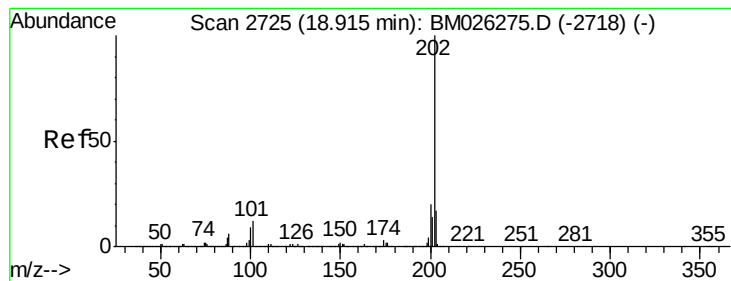
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.517 ng
 RT: 17.83 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion:149 Resp: 1469885
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 5.3 4.3 6.5





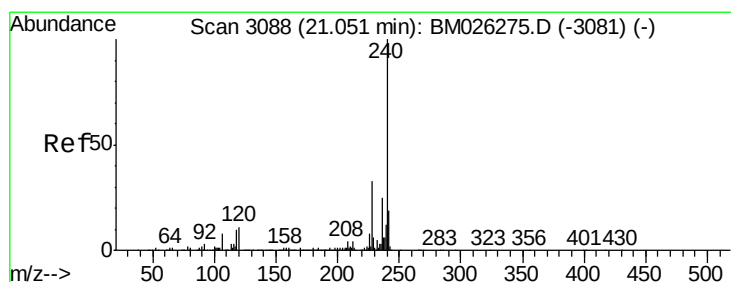
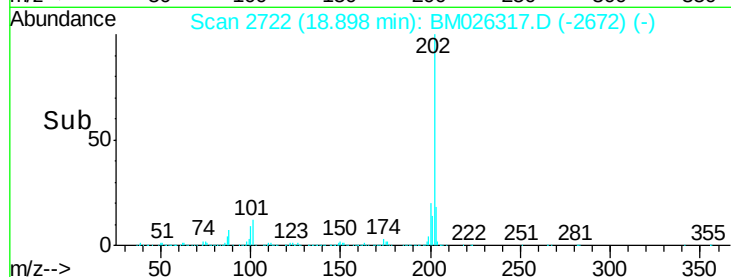
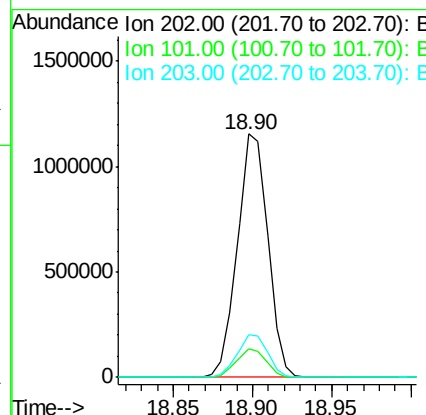
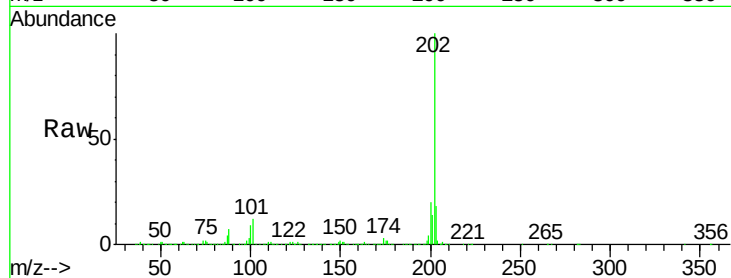
#75
Fluoranthene
Concen: 39.299 ng
RT: 18.90 min Scan# 2722
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.6
203	17.5	0.0	37.4

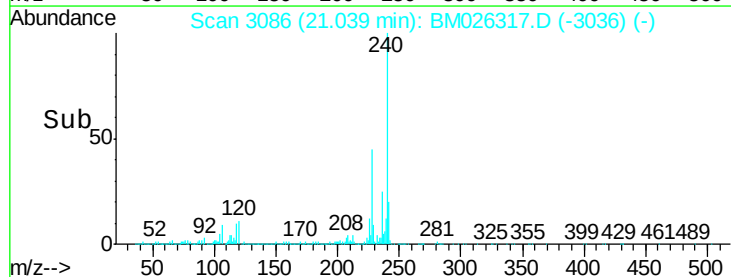
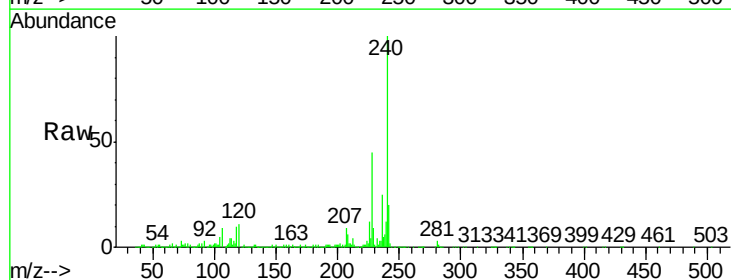
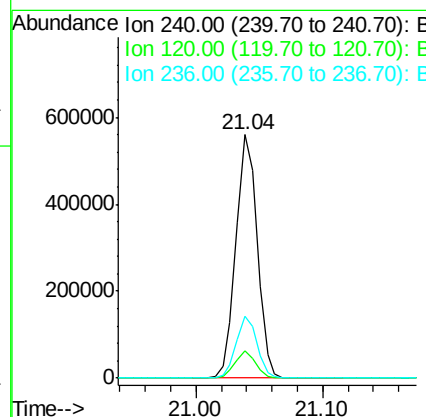
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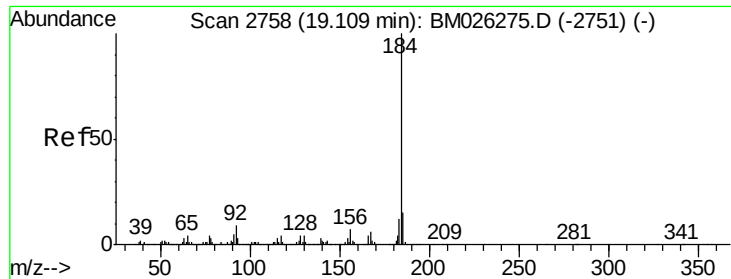
mohammad
6/10/2020 11:51:27 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.2	19.7	29.5





#77

Benzidine

Concen: 51.802 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

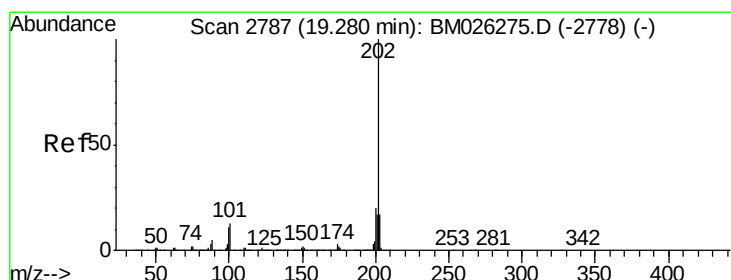
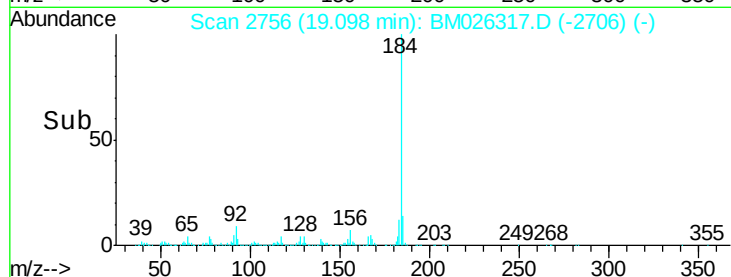
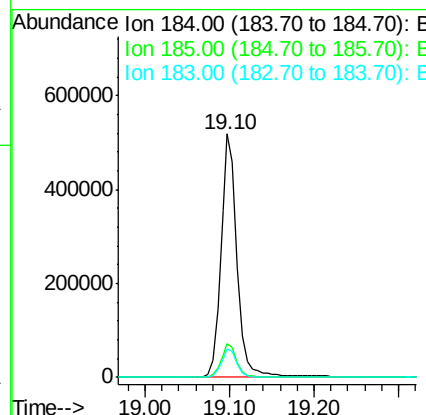
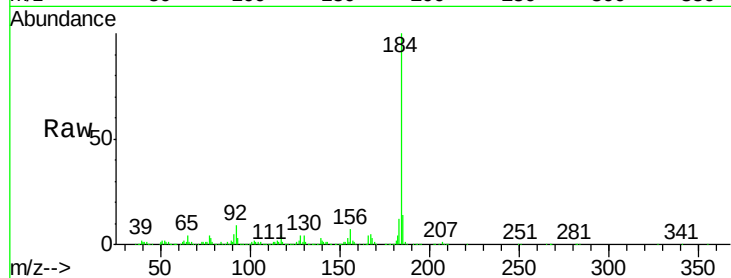
ClientSampleId :

FM-CON-4MSD

Tot Ion:	184	Resp:	696476
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.7	17.5
183	11.5	9.3	13.9

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#78

Pyrene

Concen: 35.965 ng

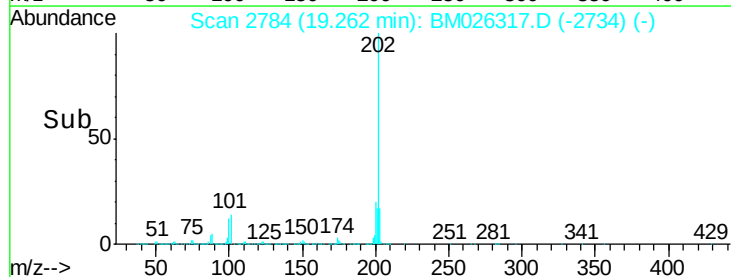
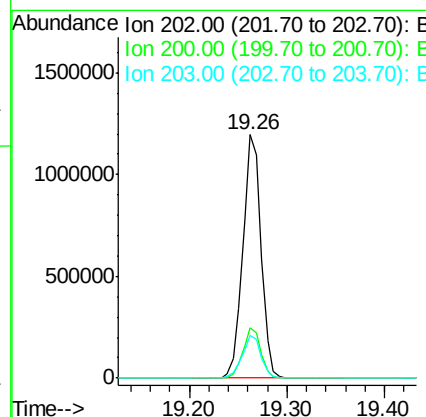
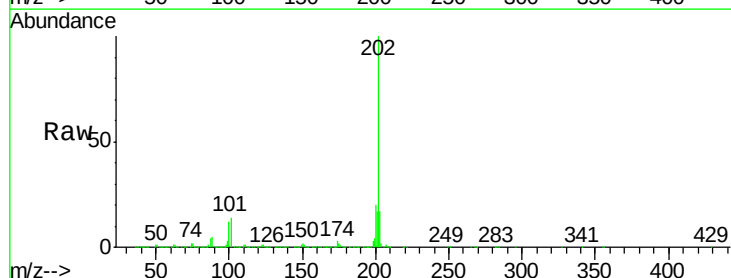
RT: 19.26 min Scan# 2784

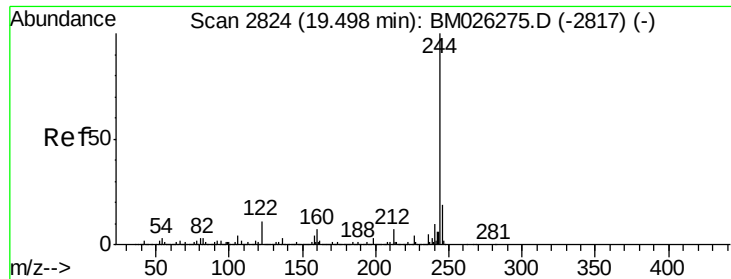
Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Tgt Ion:	202	Resp:	1538154
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.2	24.4
203	17.5	13.8	20.8





#79

Terphenyl-d14

Concen: 56.953 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

ClientSampleId :

FM-CON-4MSD

Tot Ion:244 Resp: 1899070

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

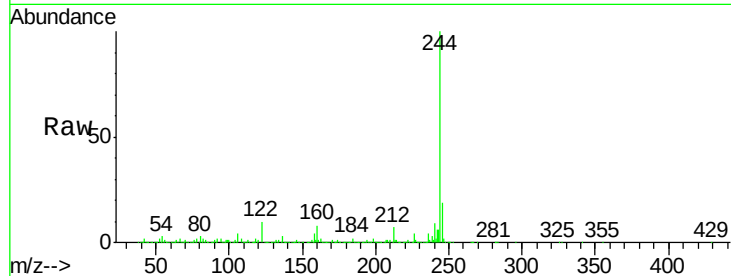
122 10.4 9.1 13.7

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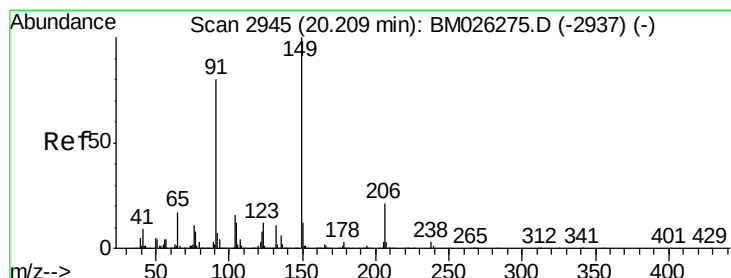
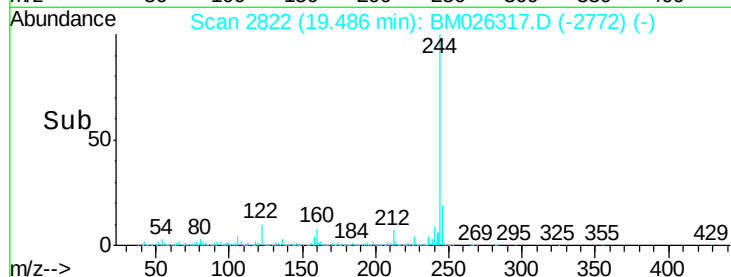
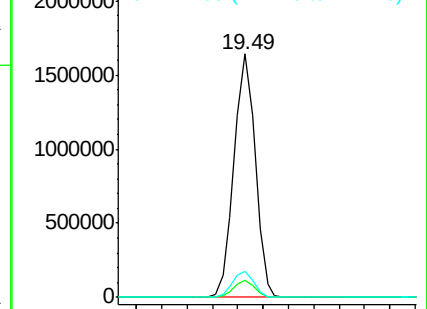
6/10/2020 11:51:27 AM



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: 37.454 ng

RT: 20.20 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

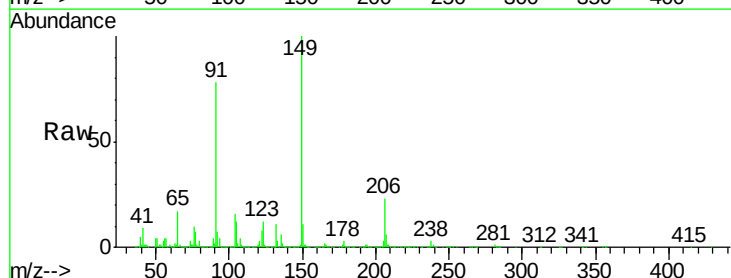
Tgt Ion:149 Resp: 647754

Ion Ratio Lower Upper

149 100

91 78.4 64.2 96.2

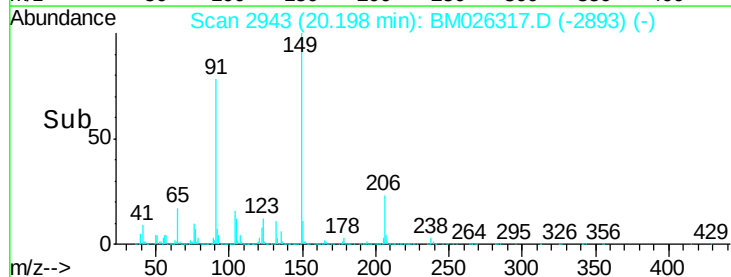
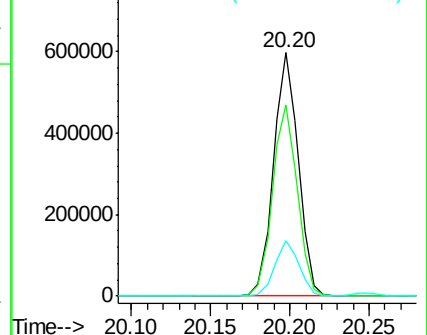
206 22.6 16.9 25.3

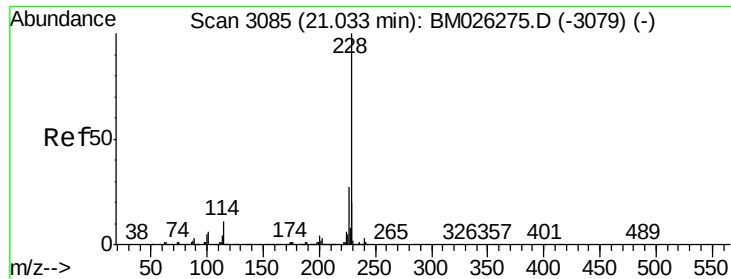


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.469 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

ClientSampleId :

FM-CON-4MSD

Tot Ion:228 Resp: 1455788

Ion Ratio Lower Upper

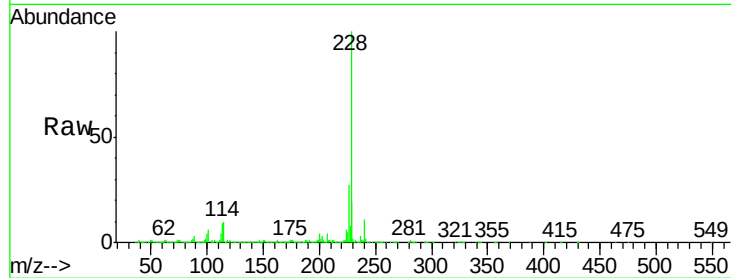
228 100

226 26.9 21.7 32.5

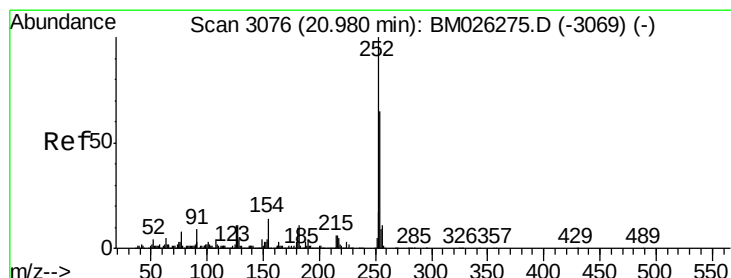
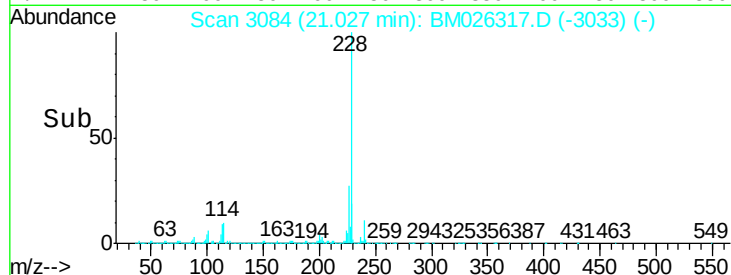
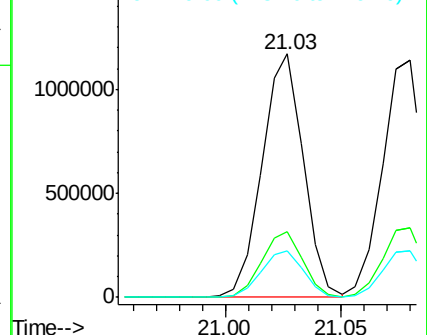
229 19.3 15.9 23.9

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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: 25.800 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

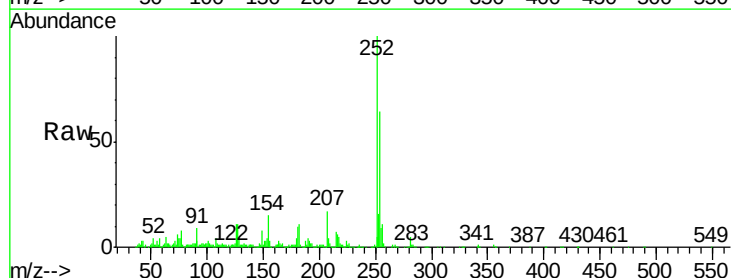
Tgt Ion:252 Resp: 310134

Ion Ratio Lower Upper

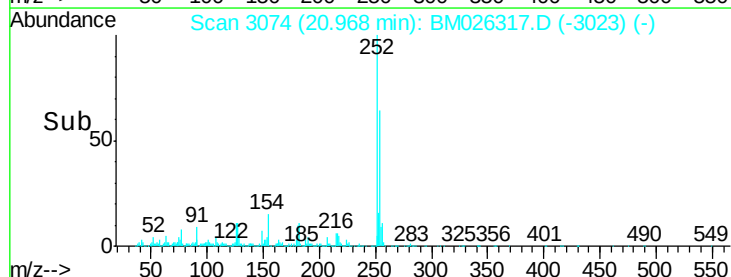
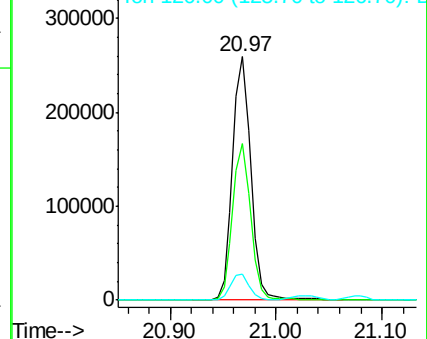
252 100

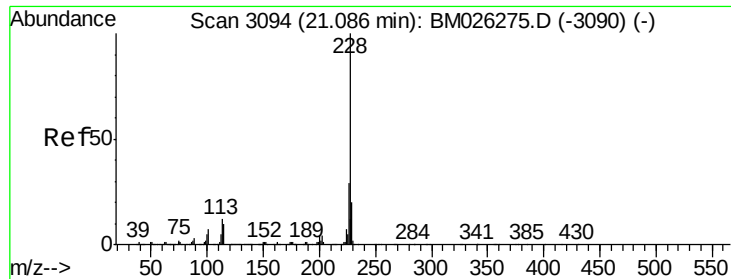
254 64.3 51.6 77.4

126 10.8 8.6 13.0



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





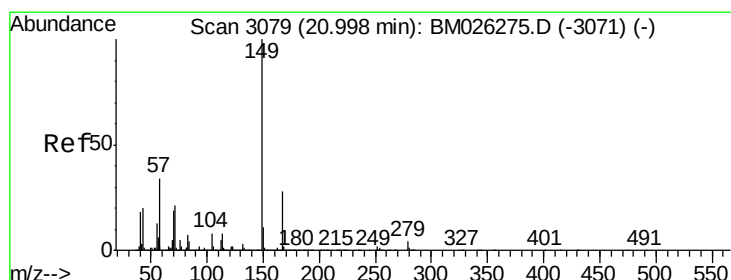
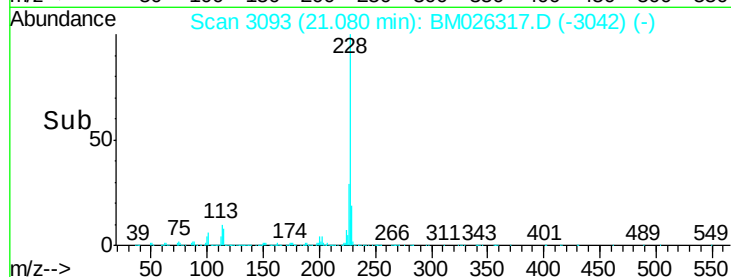
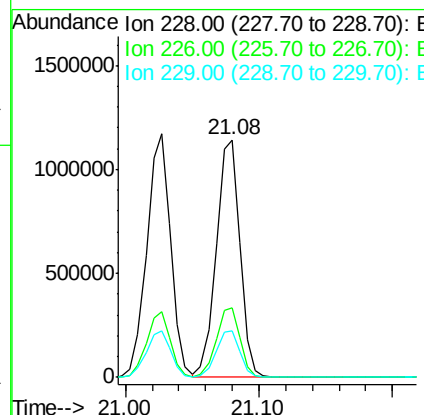
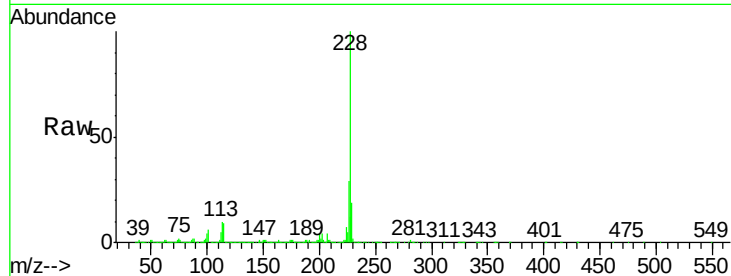
#83
Chrysene
Concen: 38.470 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion:228 Resp: 1424348
Ion Ratio Lower Upper
228 100
226 29.2 23.5 35.3
229 19.5 15.8 23.6

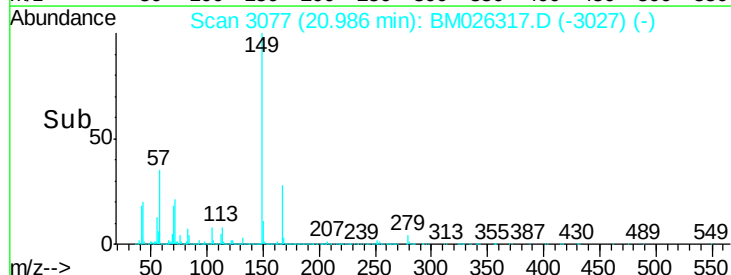
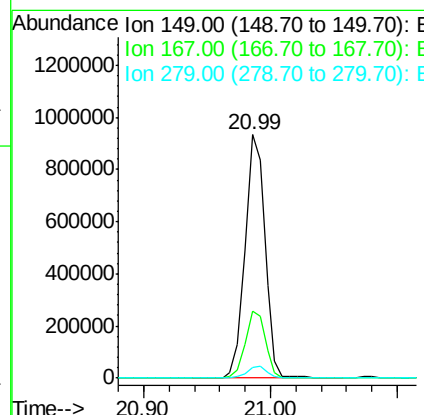
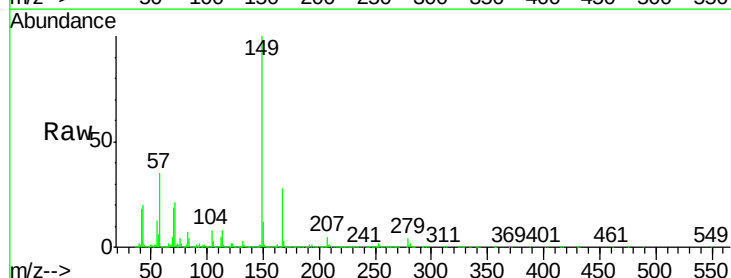
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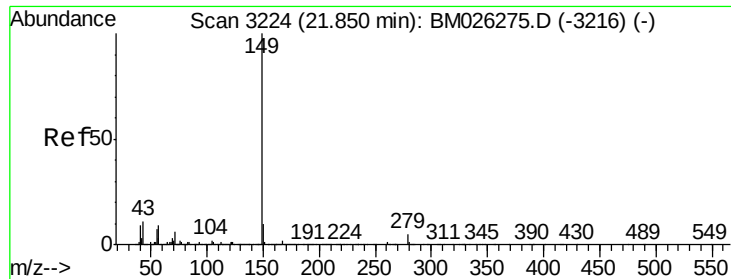
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.790 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion:149 Resp: 1005890
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.5 3.6 5.4





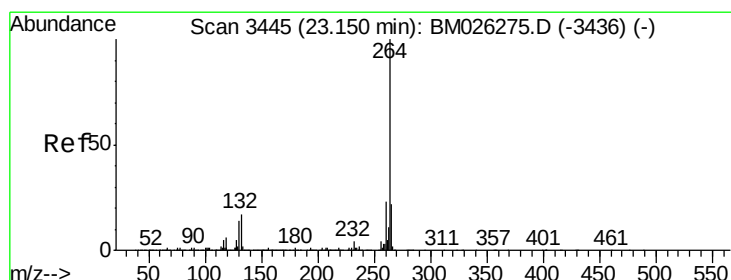
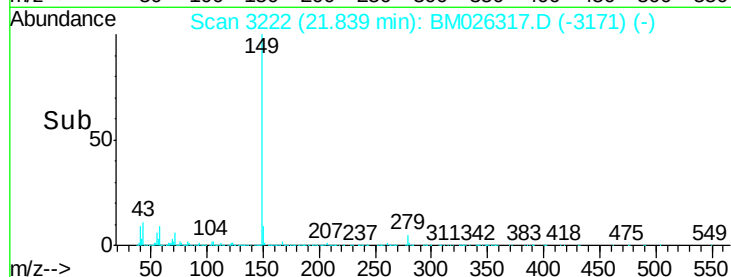
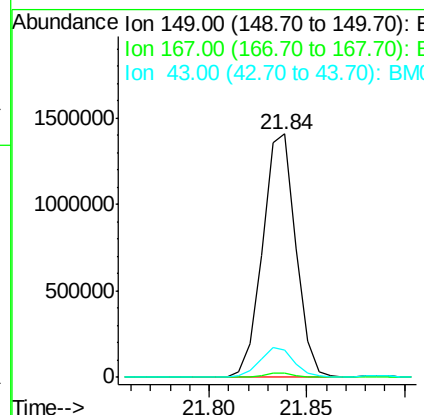
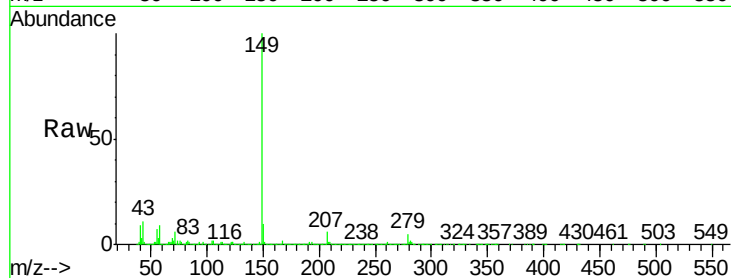
#85
Di-n-octyl phthalate
Concen: 43.401 ng
RT: 21.84 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.1	10.2	15.2

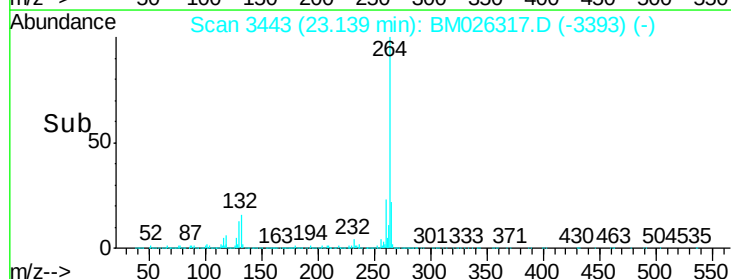
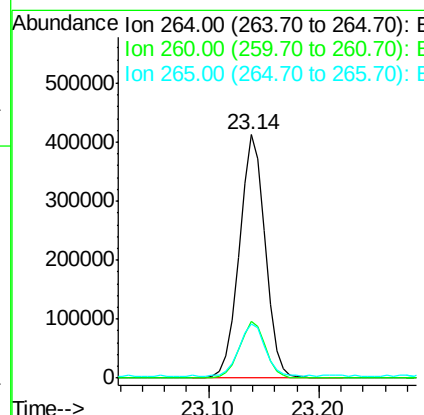
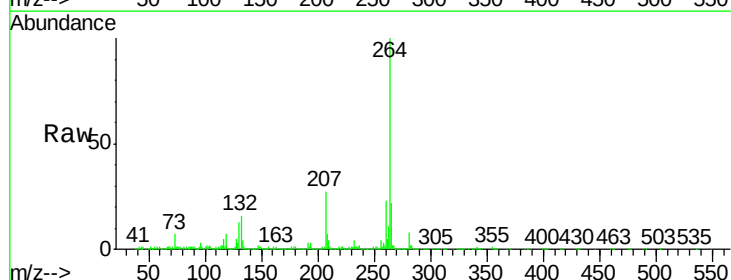
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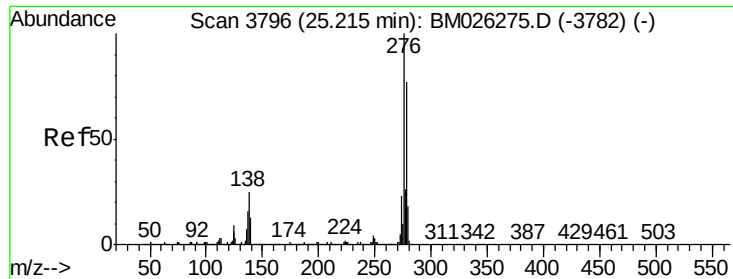
mohammad
6/10/2020 11:51:27 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.5	18.2	27.2





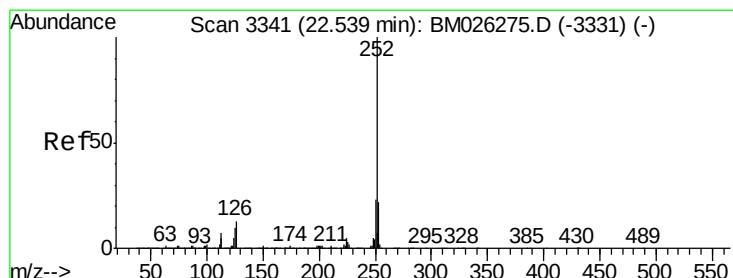
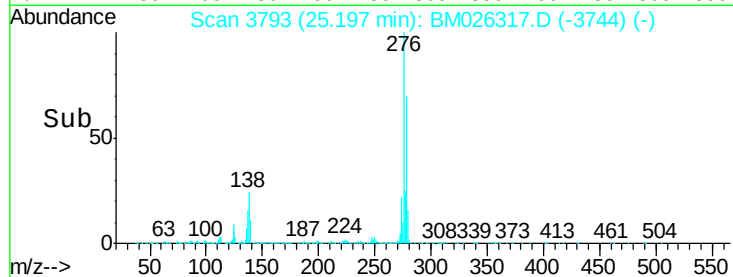
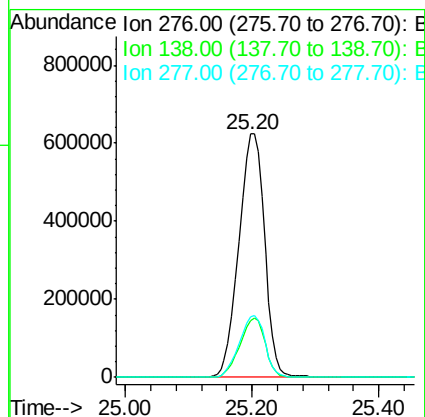
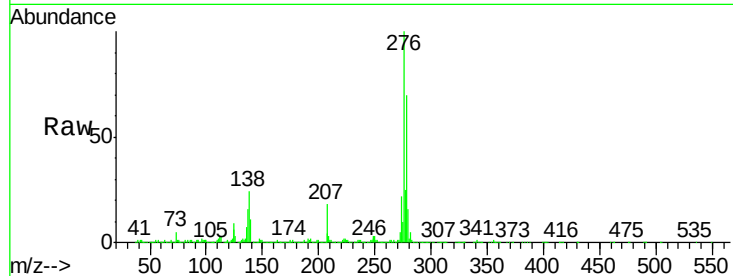
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.597 ng
 RT: 25.20 min Scan# 3793
 Delta R.T. -0.01 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Instrument :
 BNA_M
 ClientSampleId :
 FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.8	29.8
277	25.2	20.2	30.2

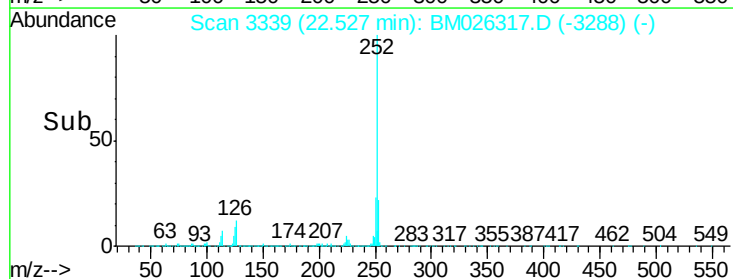
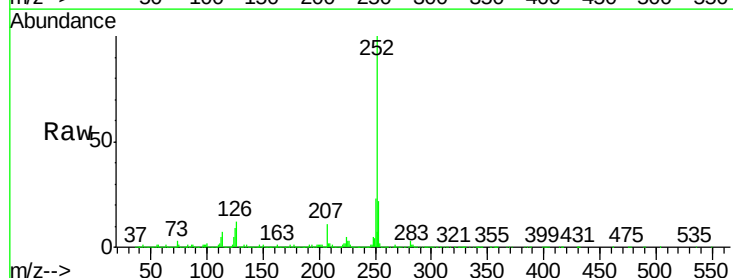
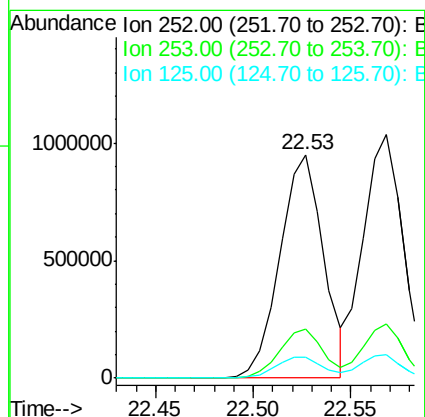
Manual Integrations
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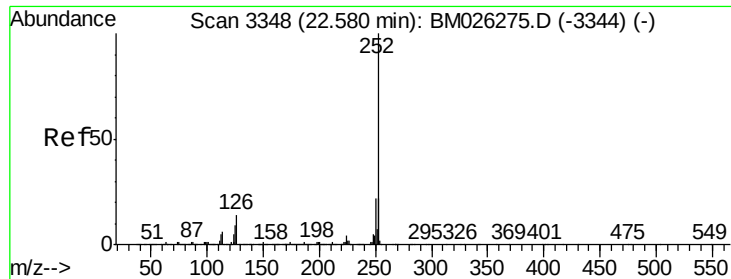
mohammad
 6/10/2020 11:51:27 AM



#88
 Benzo(b)fluoranthene
 Concen: 36.046 ng
 RT: 22.53 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: BM026317.D
 Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.5	7.9	11.9





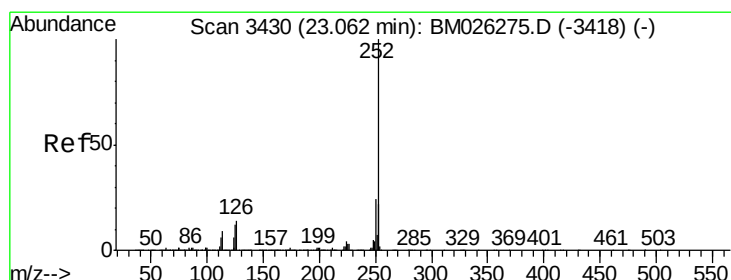
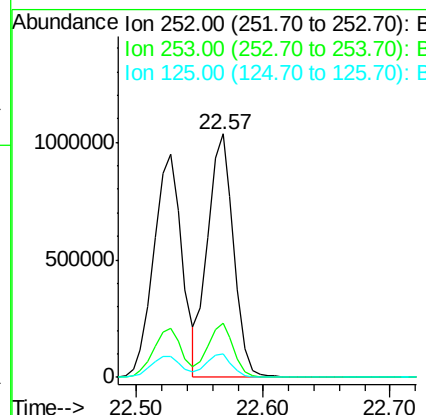
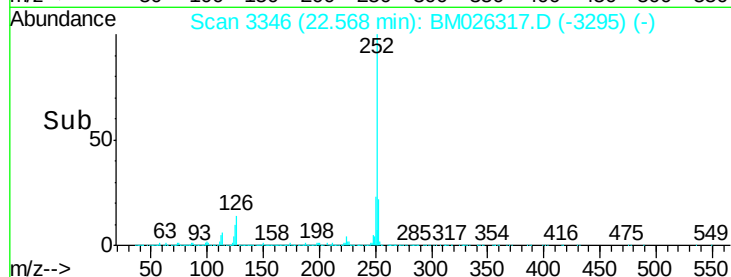
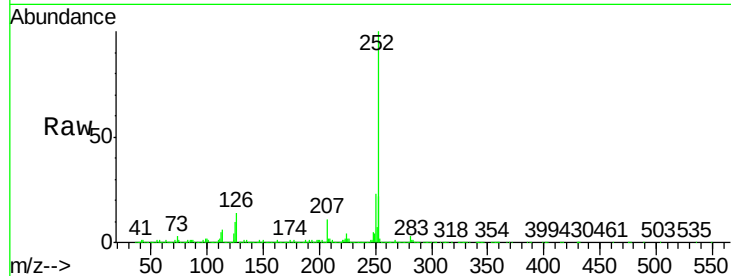
#89
Benzo(k)fluoranthene
Concen: 37.022 ng
RT: 22.57 min Scan# 3346
Delta R.T. -0.00 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Instrument :
BNA_M
ClientSampleId :
FM-CON-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.7	7.8	11.6

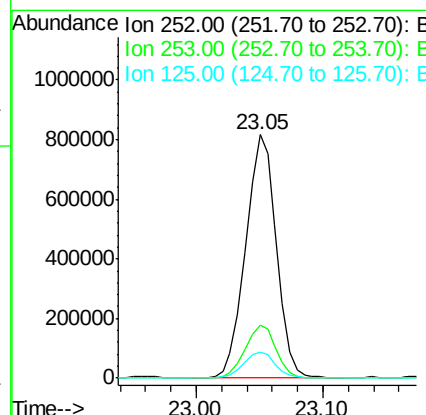
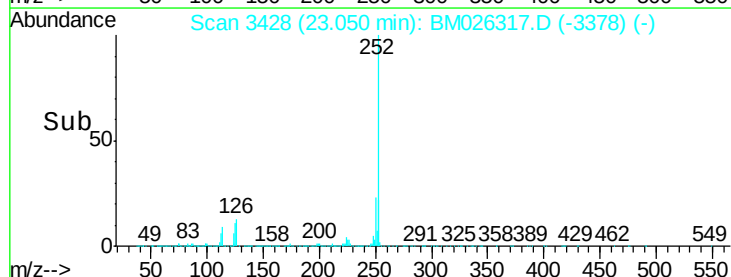
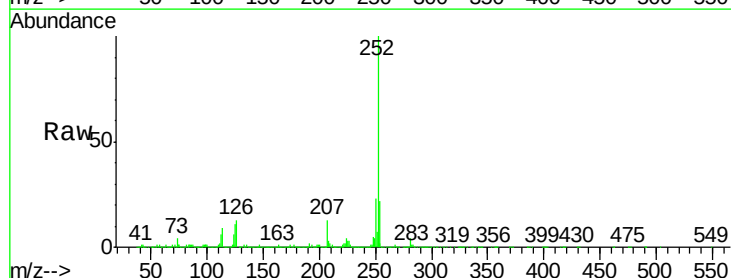
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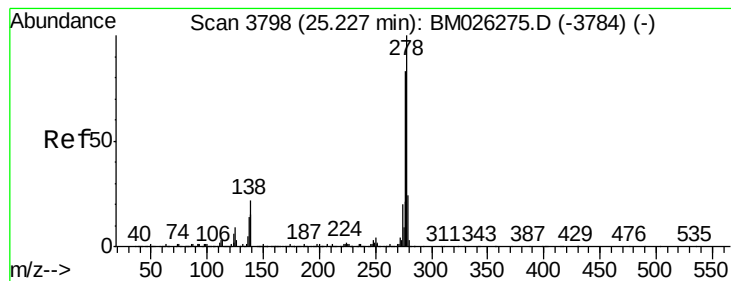
mohammad
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#90
Benzo(a)pyrene
Concen: 37.742 ng
RT: 23.05 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM026317.D
Acq: 10 Jun 2020 00:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	10.9	9.4	14.0





#91

Dibenzo(a,h)anthracene

Concen: 44.812 ng

RT: 25.21 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

Instrument :

BNA_M

ClientSampleId :

FM-CON-4MSD

Tot Ion:278 Resp: 1469849

Ion Ratio Lower Upper

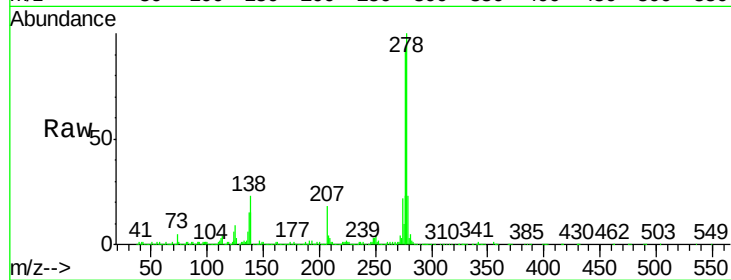
278 100

139 15.4 11.9 17.9

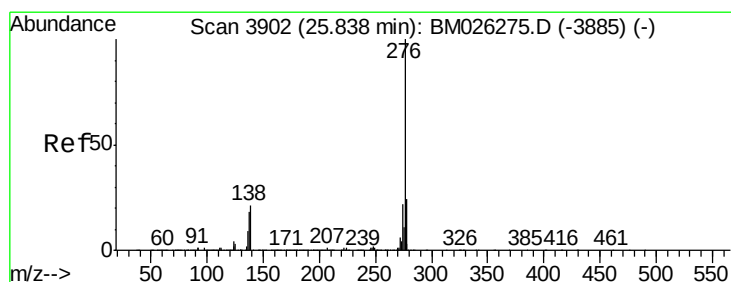
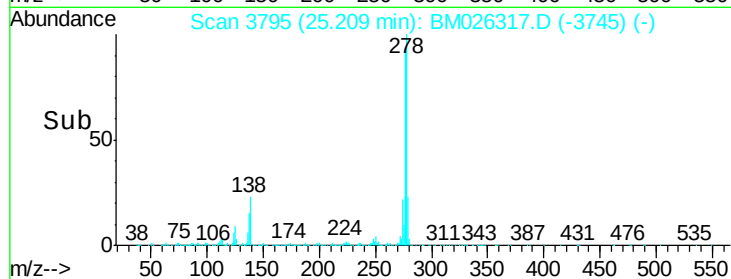
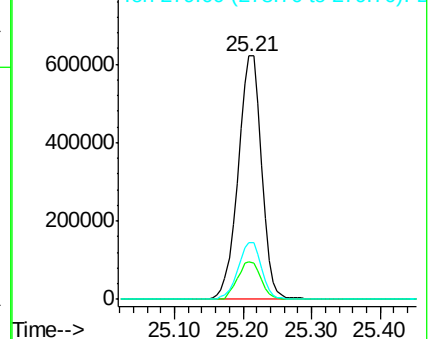
279 23.4 19.0 28.4

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.407 ng

RT: 25.82 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM026317.D

Acq: 10 Jun 2020 00:49

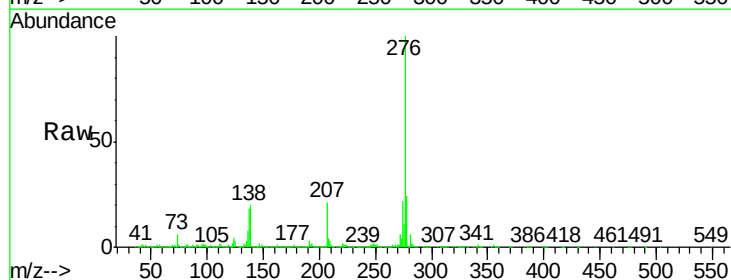
Tgt Ion:276 Resp: 1448476

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 20.2 16.5 24.7



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

