

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
 Data File : BM026734.D
 Acq On : 10 Jul 2020 15:11
 Operator : JU/CG
 Sample : L3186-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Manual Integrations
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 7/13/2020 1:02:49 PM

Quant Time: Jul 10 15:44:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	88538	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	327855	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	184464	20.00	ng	0.00
64) Phenanthrene-d10	16.75	188	389704	20.00	ng	0.00
76) Chrysene-d12	20.97	240	438863	20.00	ng	0.00
86) Perylene-d12	23.04	264	460962	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.96	112	267047	50.55	ng	0.00
7) Phenol-d6	6.53	99	387847	46.08	ng	0.00
23) Nitrobenzene-d5	8.47	82	266121	34.63	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	133718	49.76	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	498811	35.95	ng	0.00
79) Terphenyl-d14	19.40	244	835055	37.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.95	88	115789	45.620	ng	94
3) Pyridine	3.33	79	294250	40.534	ng	98
4) n-Nitrosodimethylamine	3.25	42	190250	43.786	ng	89
6) Aniline	6.67	93	337906	32.711	ng	98
8) 2-Chlorophenol	6.90	128	279679	44.447	ng	98
9) Benzaldehyde	6.48	77	101009	21.625	ng	97
10) Phenol	6.56	94	366032	44.004	ng	96
11) bis(2-Chloroethyl)ether	6.78	93	278497	40.043	ng	96
12) 1,3-Dichlorobenzene	7.21	146	306135	44.758	ng	96
13) 1,4-Dichlorobenzene	7.36	146	311165	44.694	ng	99
14) 1,2-Dichlorobenzene	7.66	146	299070	43.123	ng	98
15) Benzyl Alcohol	7.58	79	270083	37.505	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	517134	36.025	ng	99
17) 2-Methylphenol	7.79	107	233780	36.982	ng	96
18) Hexachloroethane	8.37	117	120403	43.544	ng	98
19) n-Nitroso-di-n-propylamine	8.13	70	240315	34.318	ng	94
20) 3+4-Methylphenols	8.12	107	311385	35.830	ng	98
22) Acetophenone	8.15	105	411879	44.209	ng	# 95
24) Nitrobenzene	8.51	77	349705	43.256	ng	99
25) Isophorone	9.04	82	586905	39.827	ng	99
26) 2-Nitrophenol	9.21	139	139489	46.748	ng	98
27) 2,4-Dimethylphenol	9.29	122	228679	47.131	ng	97
28) bis(2-Chloroethoxy)methane	9.53	93	341670	41.969	ng	99
29) 2,4-Dichlorophenol	9.75	162	242487	45.380	ng	99
30) 1,2,4-Trichlorobenzene	9.95	180	268232	44.997	ng	99
31) Naphthalene	10.13	128	804169	44.100	ng	99
32) Benzoic acid	9.48	122	166892	40.863	ng	99
33) 4-Chloroaniline	10.26	127	190228	23.847	ng	99
34) Hexachlorobutadiene	10.42	225	169438	42.918	ng	99
35) Caprolactam	11.05	113	73655m	38.913	ng	
36) 4-Chloro-3-methylphenol	11.40	107	273623	40.517	ng	99
37) 2-Methylnaphthalene	11.75	142	560873	41.522	ng	99
38) 1-Methylnaphthalene	11.98	142	528429	40.833	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	286283	48.008	ng	99

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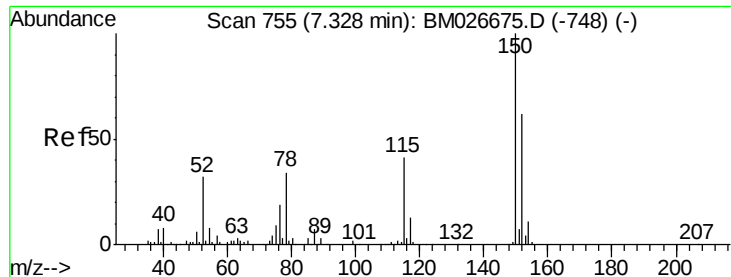
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	190139	58.557	nq	99
43) 2,4,6-Trichlorophenol	12.40	196	187155	47.912	nq	98
44) 2,4,5-Trichlorophenol	12.47	196	204005	44.443	nq	98
46) 1,1'-Biphenyl	12.80	154	674573	46.296	nq	98
47) 2-Chloronaphthalene	12.84	162	537404	45.656	nq	98
48) 2-Nitroaniline	13.06	65	213474	44.069	nq	98
49) Acenaphthylene	13.70	152	841883	44.740	nq	100
50) Dimethylphthalate	13.47	163	668403	42.363	nq	99
51) 2,6-Dinitrotoluene	13.58	165	140975	41.725	nq	97
52) Acenaphthene	14.05	154	499489	43.678	nq	97
53) 3-Nitroaniline	13.91	138	110573	31.459	nq	96
54) 2,4-Dinitrophenol	14.13	184	63782	31.379	nq	98
55) Dibenzofuran	14.39	168	794705	42.383	nq	99
56) 4-Nitrophenol	14.26	139	255251	83.143	nq	95
57) 2,4-Dinitrotoluene	14.39	165	200458	41.108	nq	99
58) Fluorene	15.05	166	658608	42.423	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	183632	45.809	nq	99
60) Diethylphthalate	14.85	149	652088	39.085	nq	99
61) 4-Chlorophenyl-phenylether	15.05	204	328117	39.010	nq	98
62) 4-Nitroaniline	15.09	138	145149m	36.170	nq	
63) Azobenzene	15.35	77	761082	41.533	nq	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	46681	19.323	nq	94
66) n-Nitrosodiphenylamine	15.27	169	561861	45.369	nq	98
67) 4-Bromophenyl-phenylether	15.95	248	202395	41.725	nq	97
68) Hexachlorobenzene	16.06	284	226536	44.373	nq	99
69) Atrazine	16.25	200	183857	49.371	nq	98
70) Pentachlorophenol	16.41	266	295628	102.360	nq	99
71) Phenanthrene	16.79	178	1046927	45.506	nq	99
72) Anthracene	16.88	178	1070232	46.729	nq	100
73) Carbazole	17.16	167	955121	43.743	nq	100
74) Di-n-butylphthalate	17.75	149	1178175	42.912	nq	99
75) Fluoranthene	18.82	202	1293312	45.642	nq	99
77) Benzidine	19.03	184	856769	99.024	nq	100
78) Pyrene	19.18	202	1318682	47.699	nq	99
80) Butylbenzylphthalate	20.12	149	571570	46.071	nq	98
81) Benzo(a)anthracene	20.95	228	1338645	45.409	nq	100
82) 3,3'-Dichlorobenzidine	20.90	252	460899	49.260	nq	100
83) Chrysene	21.00	228	1290369	44.972	nq	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	875955	44.074	nq	99
85) Di-n-octyl phthalate	21.76	149	1517657	44.676	nq	99
87) Indeno(1,2,3-cd)pyrene	25.06	276	1624935	49.516	nq	100
88) Benzo(b)fluoranthene	22.44	252	1421285	46.795	nq	99
89) Benzo(k)fluoranthene	22.47	252	1348356	45.258	nq	99
90) Benzo(a)pyrene	22.95	252	1281754	45.459	nq	100
91) Dibenzo(a,h)anthracene	25.06	278	1372327	49.538	nq	99
92) Benzo(g,h,i)perylene	25.66	276	1316923	51.594	nq	100

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



#1

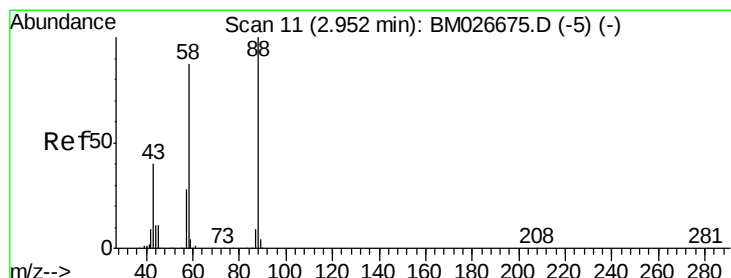
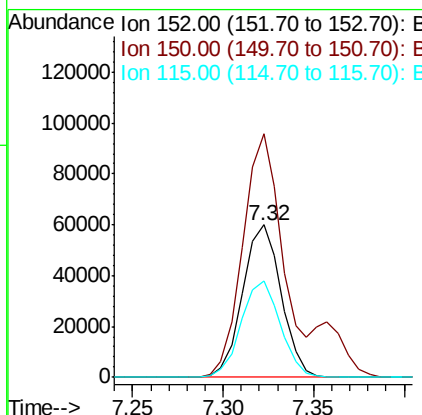
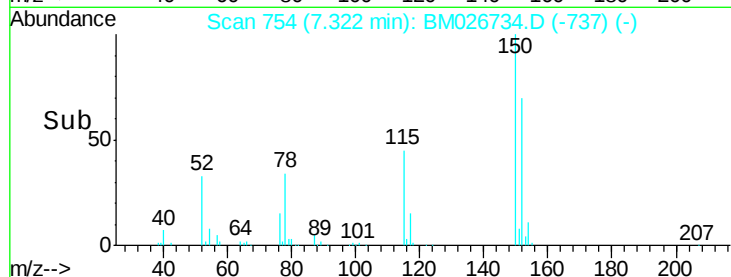
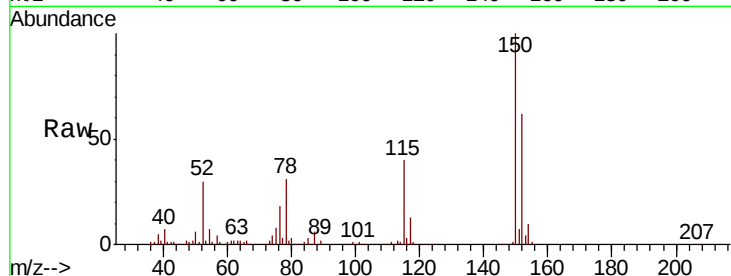
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.1	192.1
115	63.6	52.2	78.4

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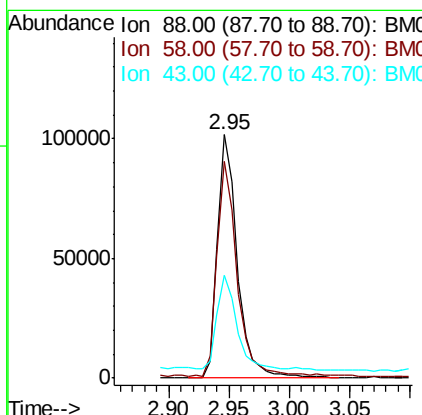
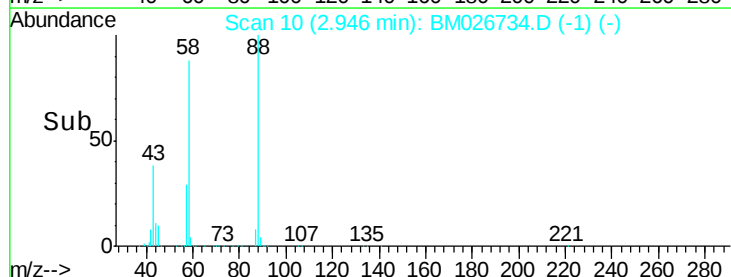
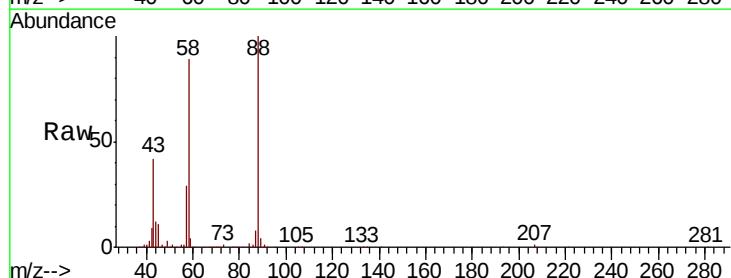
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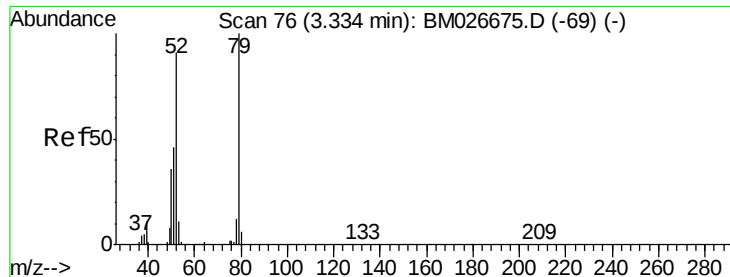


#2

1,4-Dioxane
Concen: 45.620 ng
RT: 2.95 min Scan# 10
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	73.2	109.8
43	36.8	34.3	51.5





#3

Pvridine

Concen: 40.534 ng

RT: 3.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

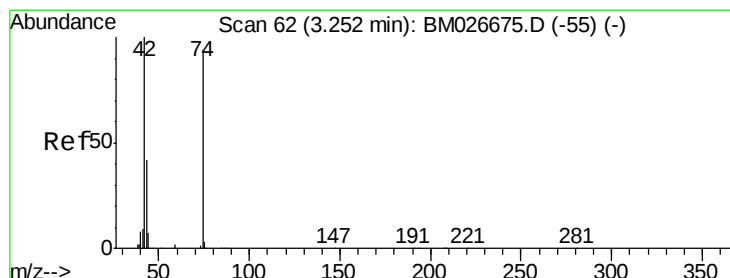
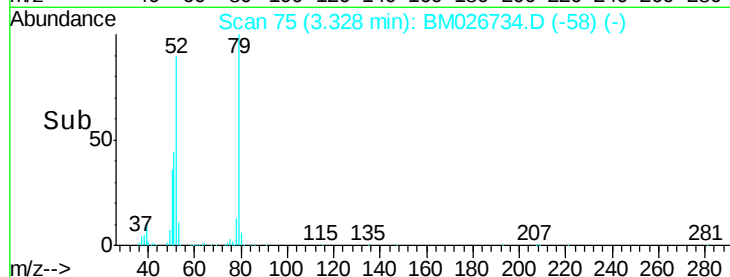
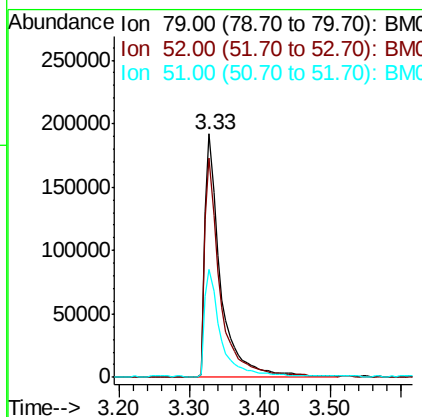
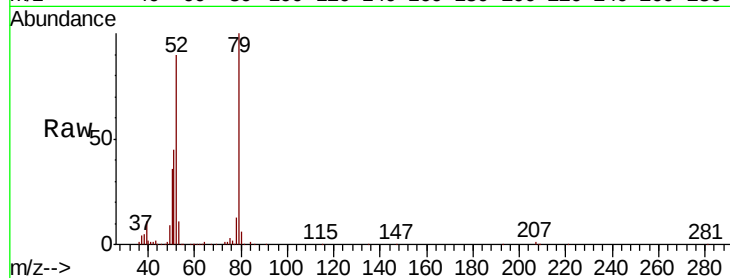
ClientSampleId :

OR-02-070820MSD

Tot Ion:	79	Resp:	294250
Ion Ratio	Lower	Upper	
79	100		
52	90.0	72.9	109.3
51	44.5	37.6	56.4

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#4

n-Nitrosodimethylamine

Concen: 43.786 ng

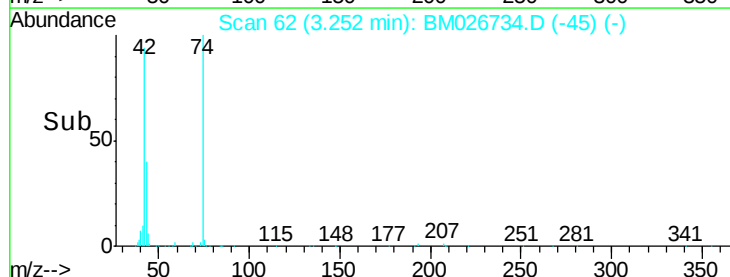
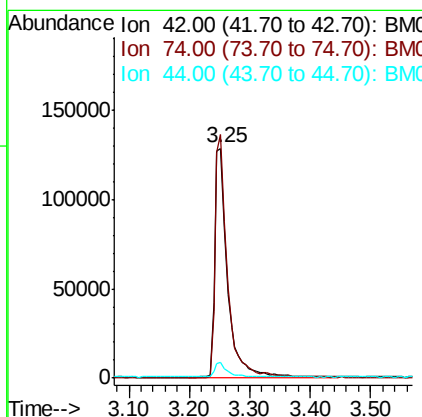
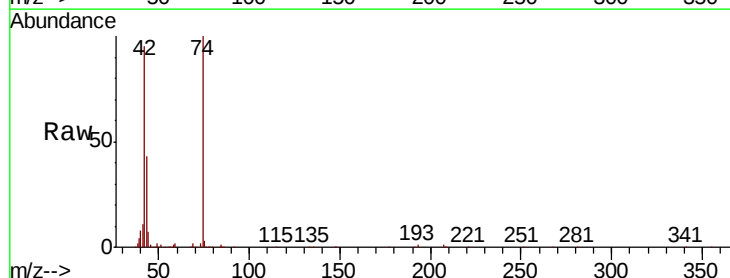
RT: 3.25 min Scan# 62

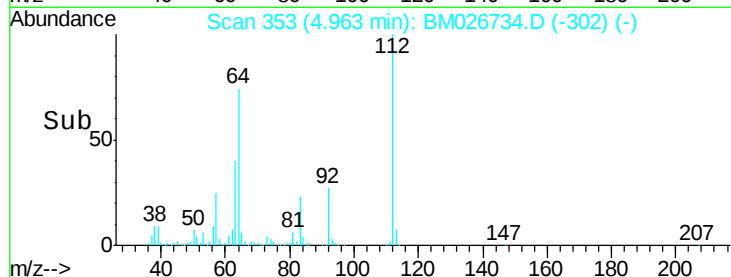
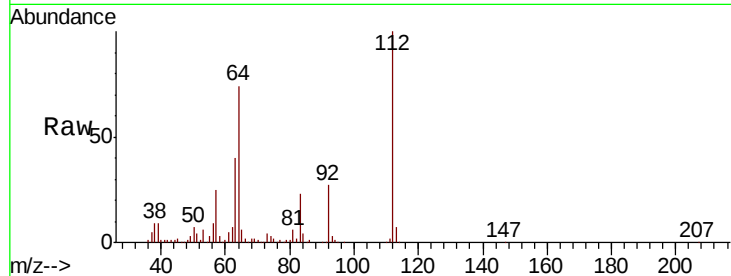
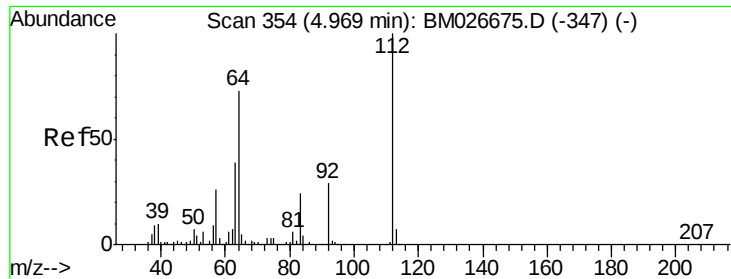
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	42	Resp:	190250
Ion Ratio	Lower	Upper	
42	100		
74	105.8	75.1	112.7
44	6.9	5.7	8.5





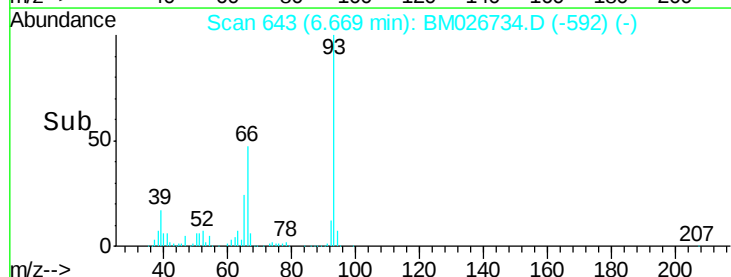
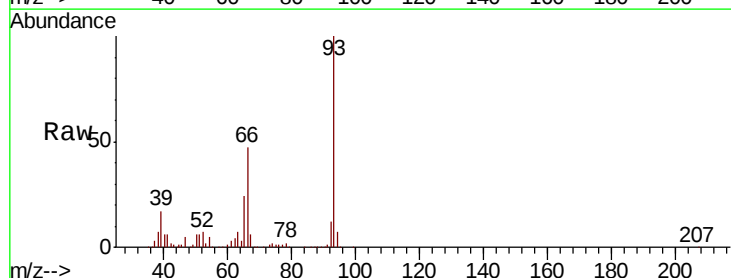
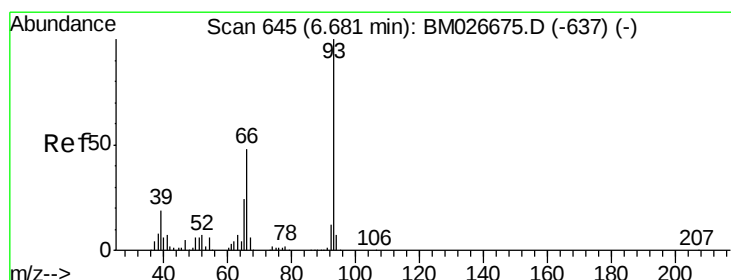
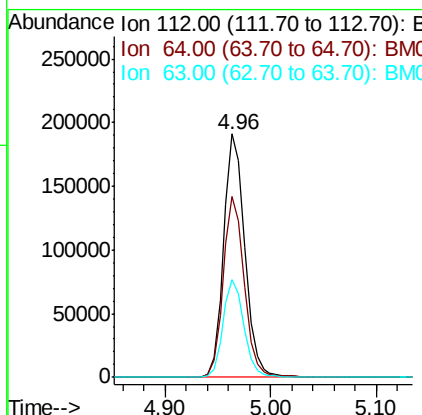
#5
2-Fluorophenol
Concen: 50.554 ng
RT: 4.96 min Scan# 353
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tot Ion	Ratio	Resp	Lower	Upper
112	100	267047		
64	74.4	58.4	87.6	
63	40.2	31.5	47.3	

Instrument :
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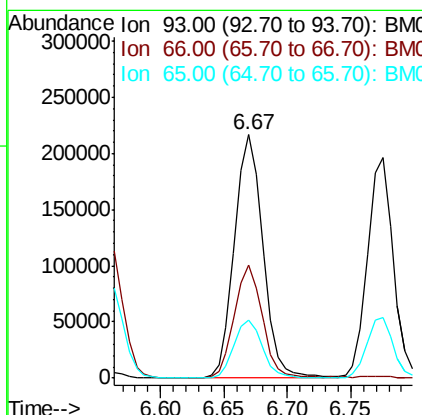
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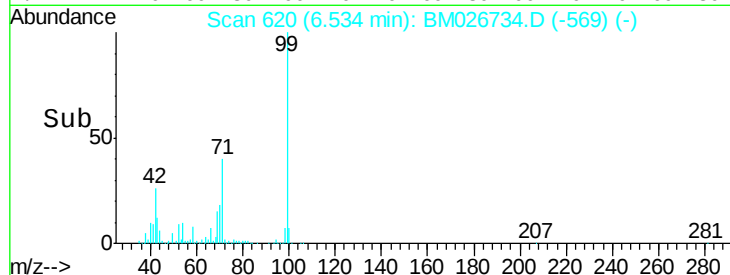
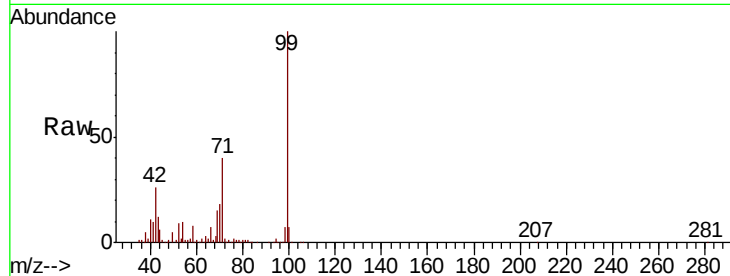
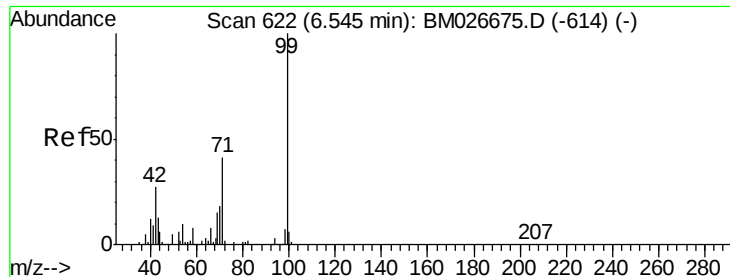
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#6
Aniline
Concen: 32.711 ng
RT: 6.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	337906		
66	46.5	38.2	57.4	
65	23.7	19.6	29.4	





#7

Phenol-d6

Concen: 46.083 ng

RT: 6.53 min Scan# 620

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tot Ion:	99	Resp:	387847
Ion Ratio	Lower	Upper	
99	100		
42	25.6	21.7	32.5
71	40.4	33.2	49.8

Instrument :

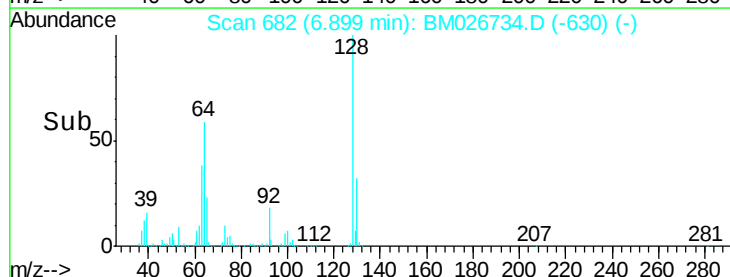
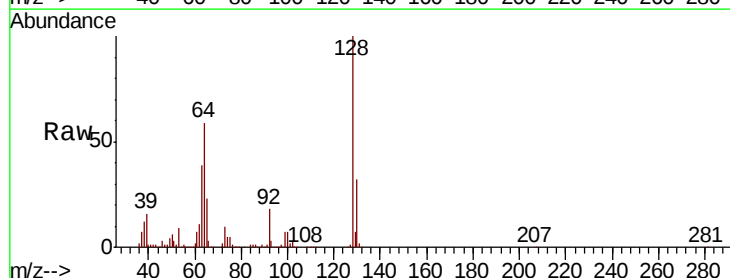
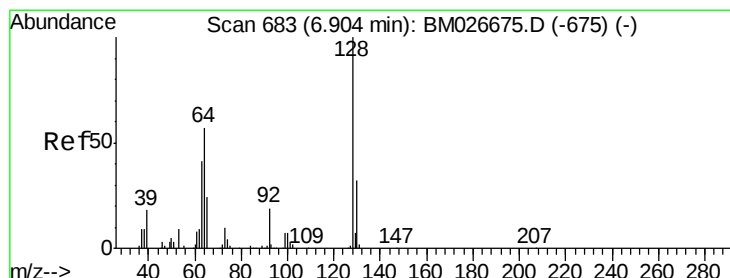
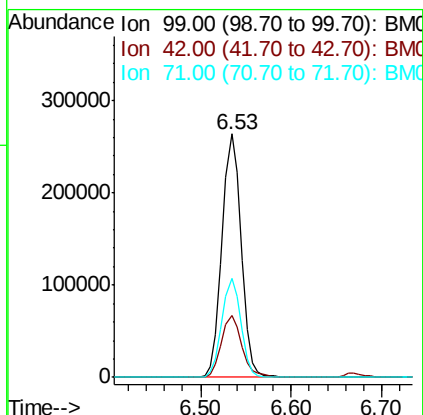
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#8

2-Chlorophenol

Concen: 44.447 ng

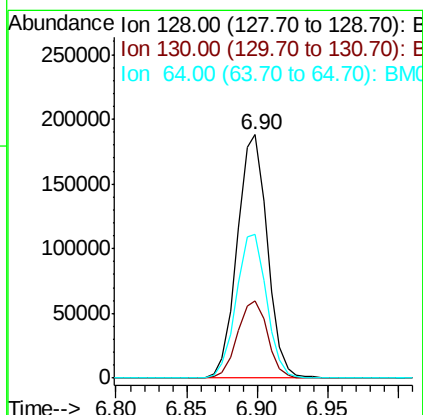
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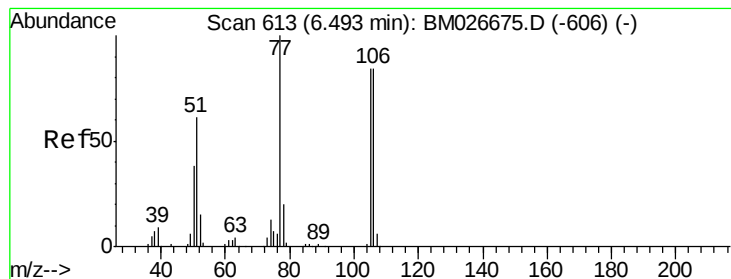
Delta R.T. 0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	128	Resp:	279679
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.2	52.2
64	59.1	41.4	81.4





#9

Benzaldehyde

Concen: 21.625 ng

RT: 6.48 min Scan# 611

Delta R.T. -0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

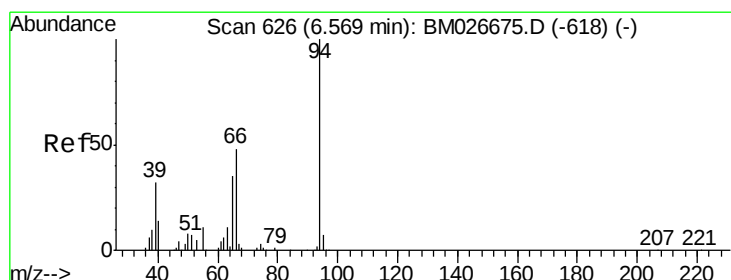
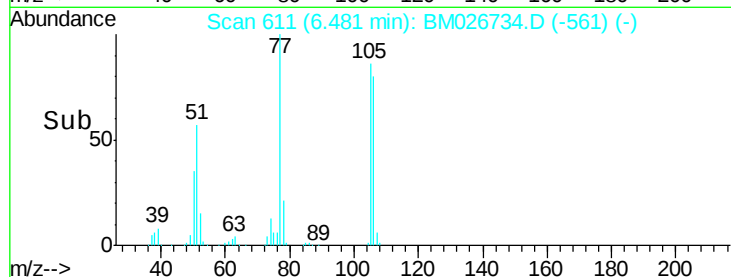
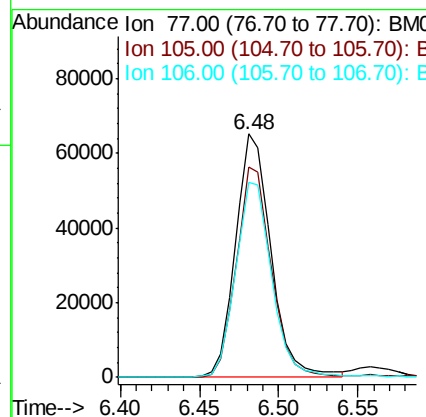
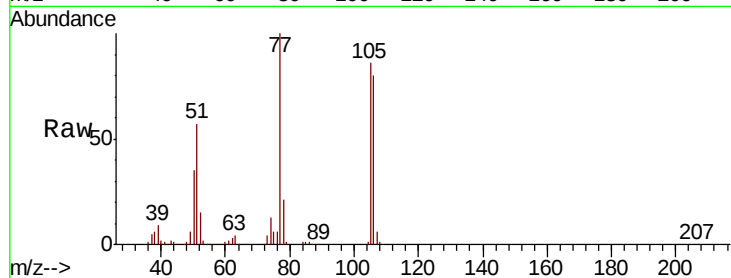
ClientSampleId :

OR-02-070820MSD

Tot Ion:	77	Resp:	101009
Ion Ratio	Lower	Upper	
77	100		
105	86.1	64.4	104.4
106	80.0	64.3	104.3

Manual Integrations
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#10

Phenol

Concen: 44.004 ng

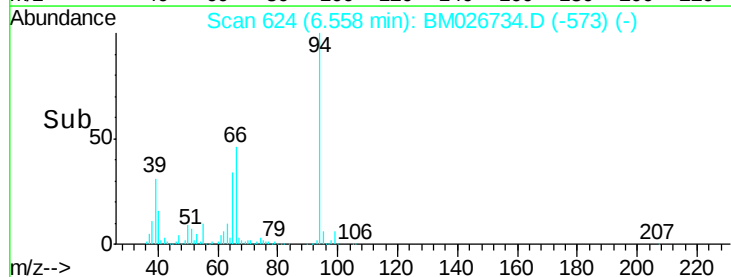
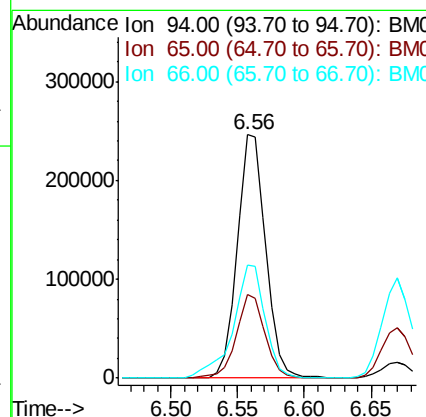
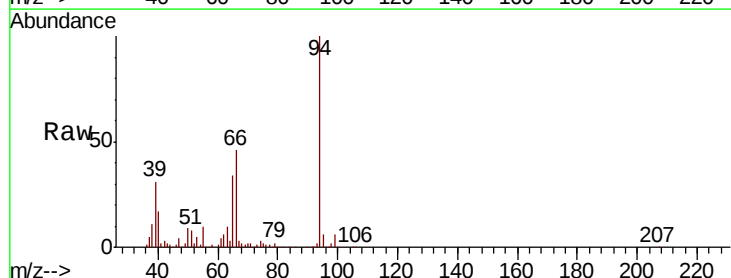
RT: 6.56 min Scan# 624

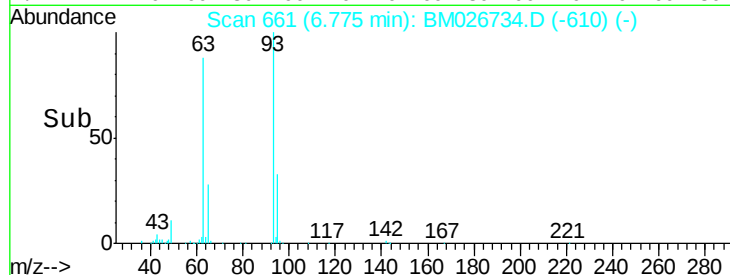
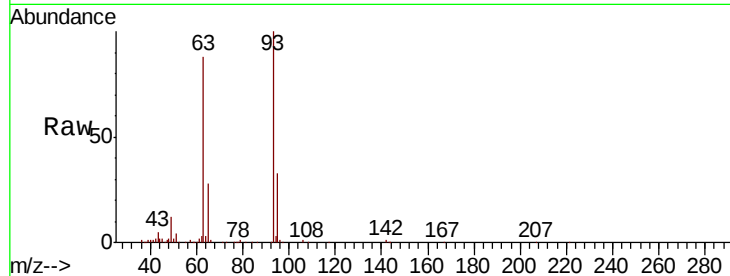
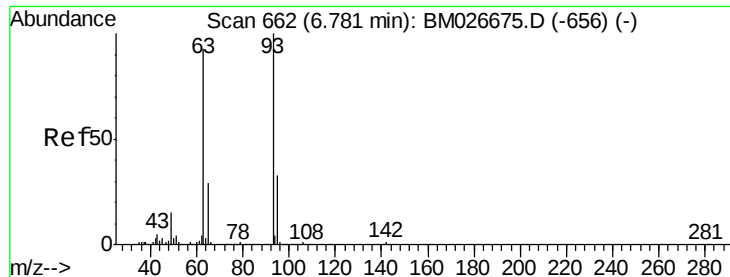
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	94	Resp:	366032
Ion Ratio	Lower	Upper	
94	100		
65	34.3	15.5	55.5
66	46.3	29.8	69.8





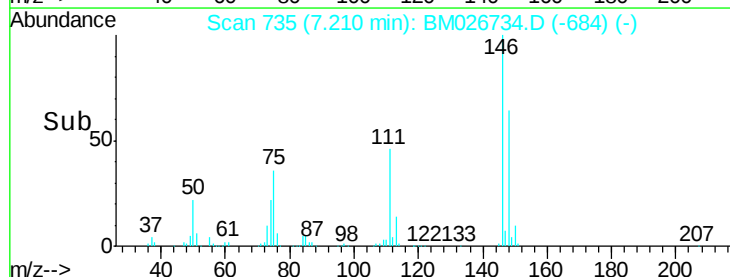
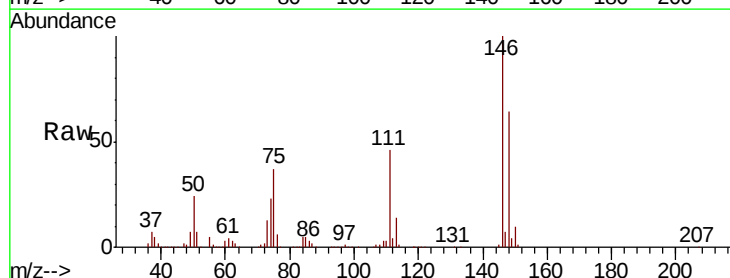
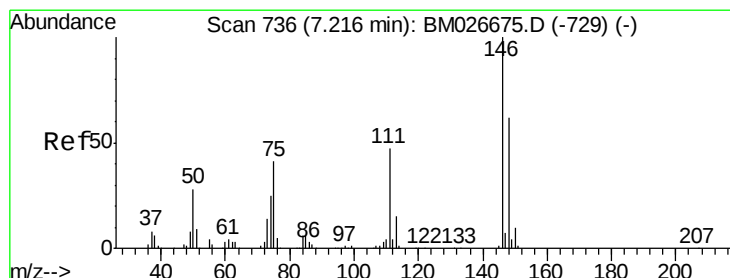
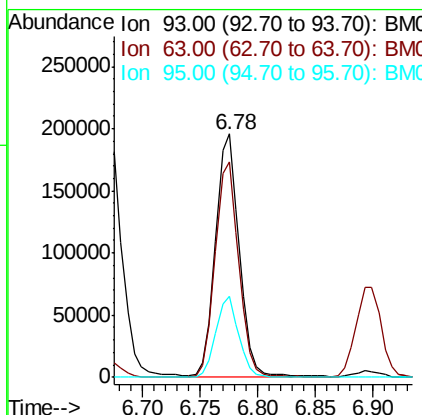
#11
bis(2-Chloroethyl)ether
Concen: 40.043 ng
RT: 6.78 min Scan# 661
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tot Ion	93	Resp	278497
Ion Ratio	Lower	Upper	
93	100		
63	88.5	72.6	112.6
95	33.3	12.3	52.3

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

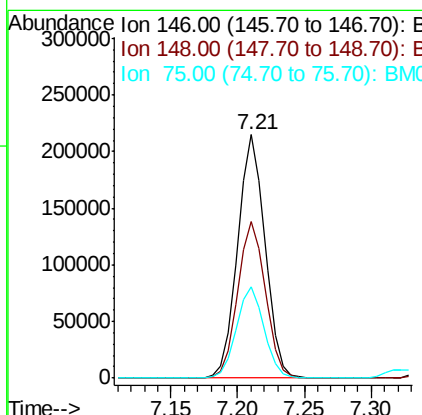
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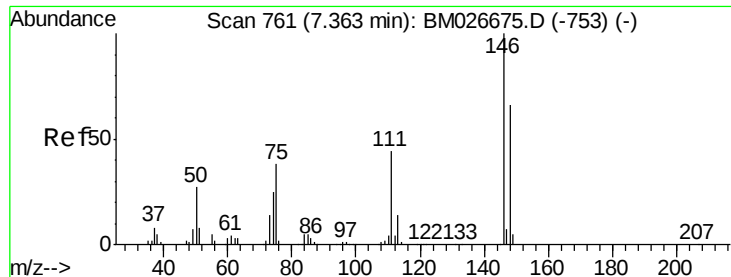
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.758 ng
RT: 7.21 min Scan# 735
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	146	Resp	306135
Ion Ratio	Lower	Upper	
146	100		
148	64.4	49.7	74.5
75	37.5	32.7	49.1





#13

1,4-Dichlorobenzene

Concen: 44.694 ng

RT: 7.36 min Scan# 760

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

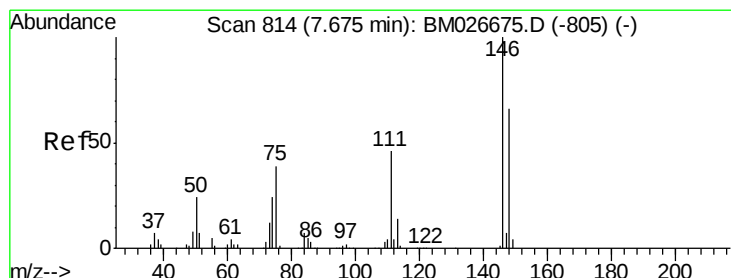
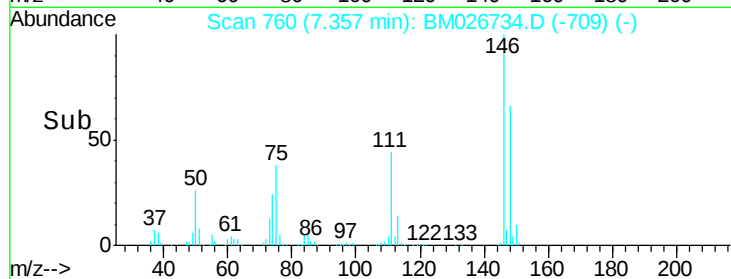
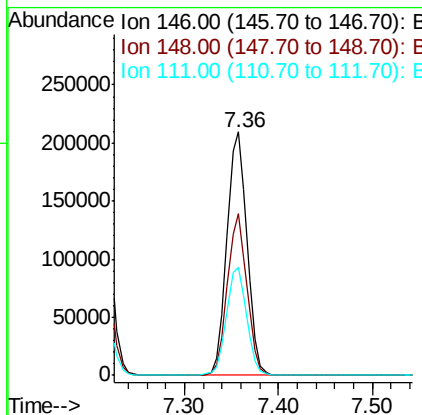
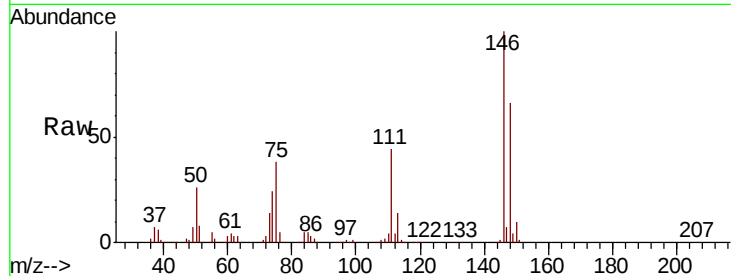
ClientSampleId :

OR-02-070820MSD

Tot Ion:	146	Resp:	311165
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.4	78.6
111	44.2	35.6	53.4

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#14

1,2-Dichlorobenzene

Concen: 43.123 ng

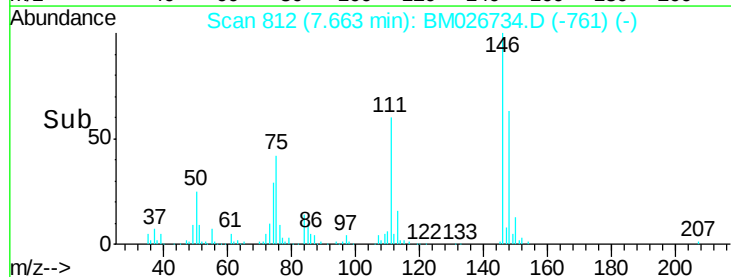
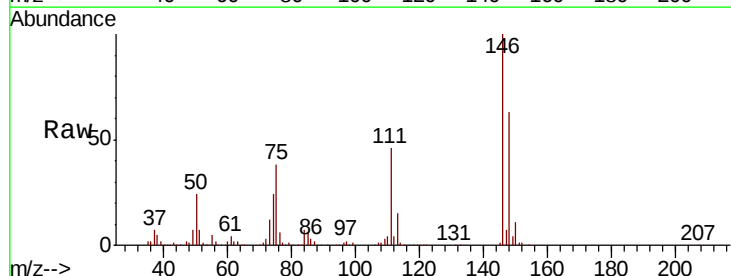
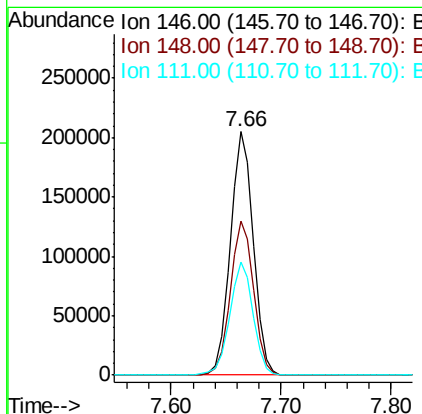
RT: 7.66 min Scan# 812

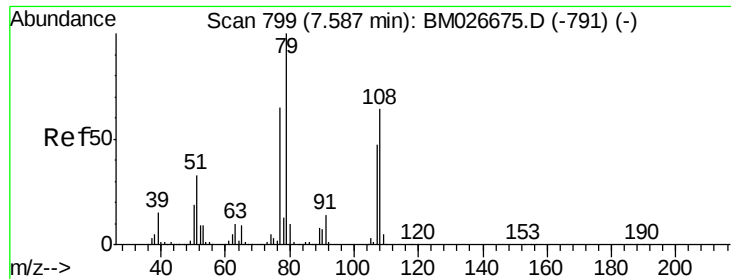
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	146	Resp:	299070
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.6	78.8
111	46.4	37.2	55.8





#15

Benzyl Alcohol

Concen: 37.505 ng

RT: 7.58 min Scan# 797

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

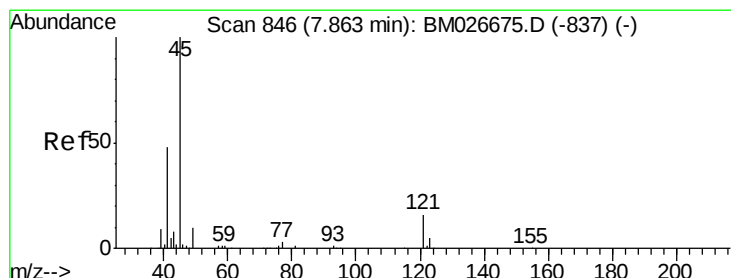
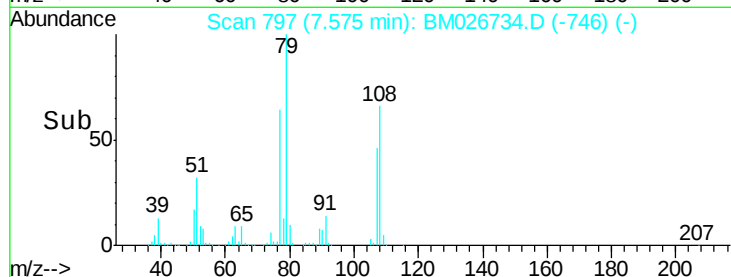
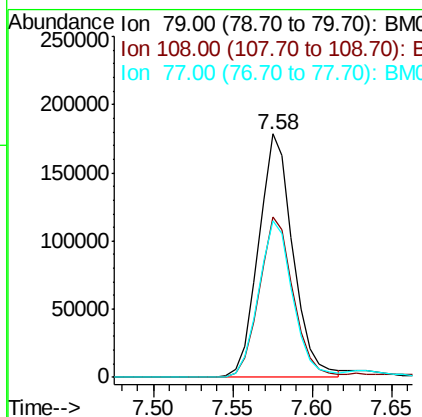
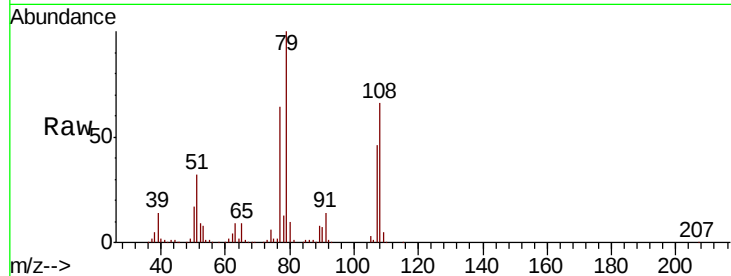
ClientSampleId :

OR-02-070820MSD

Tot Ion:	79	Resp:	270083
Ion Ratio	Lower	Upper	
79	100		
108	65.8	51.0	76.4
77	64.2	52.1	78.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.025 ng

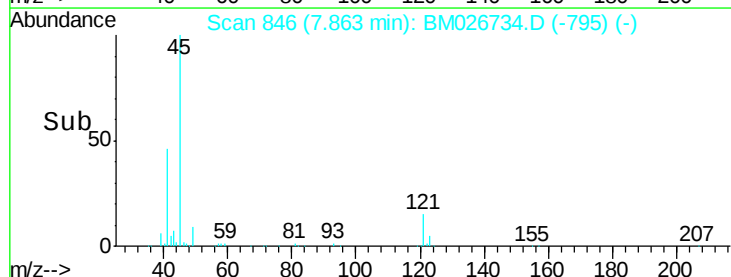
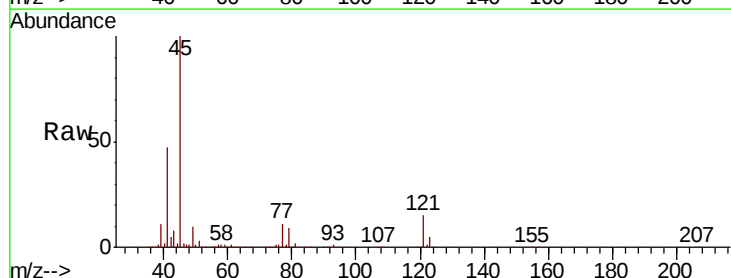
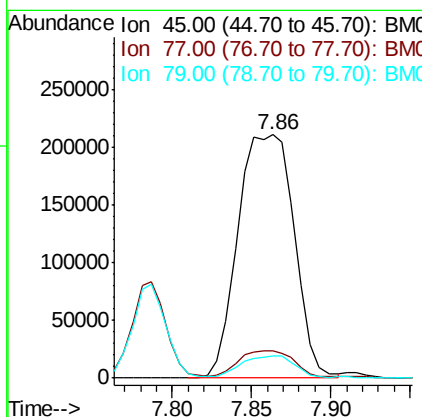
RT: 7.86 min Scan# 846

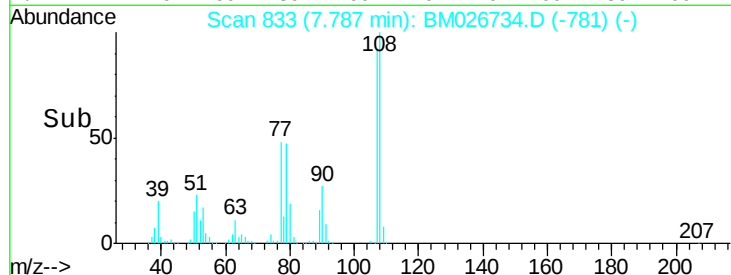
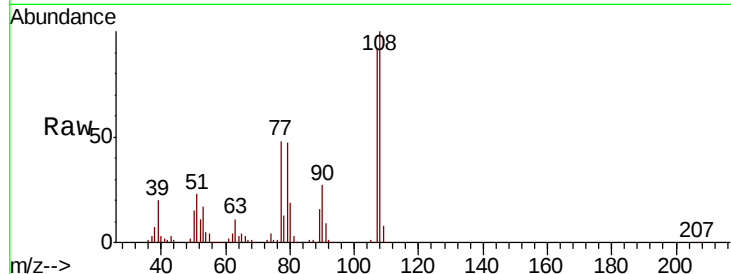
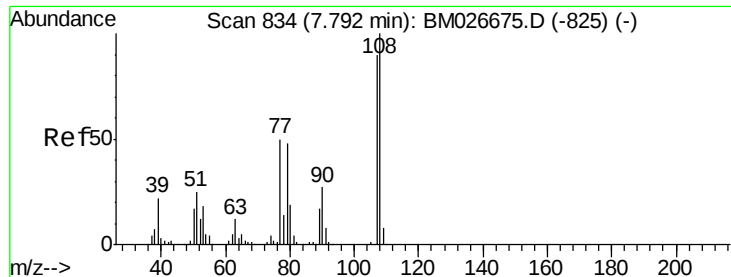
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	45	Resp:	517134
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	31.4
79	9.0	0.0	28.4





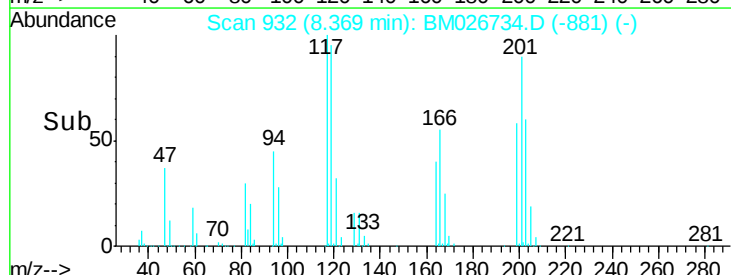
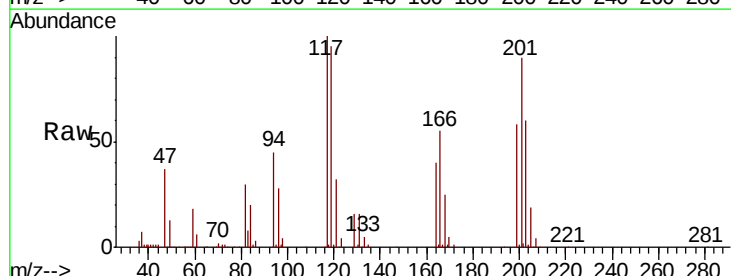
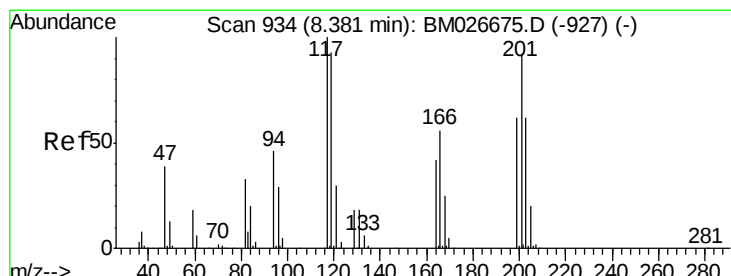
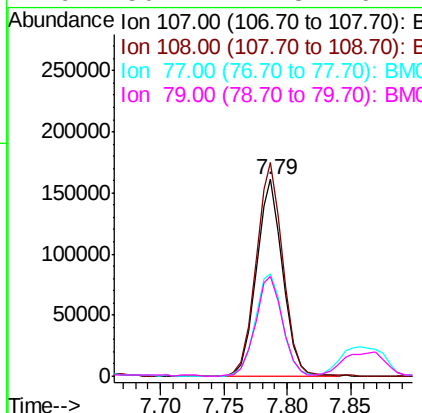
#17
2-Methylphenol
Concen: 36.982 ng
RT: 7.79 min Scan# 833
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tot Ion	107	Resp	233780
Ion Ratio	Lower	Upper	
107	100		
108	108.5	89.4	134.0
77	51.8	45.2	67.8
79	50.7	42.8	64.2

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

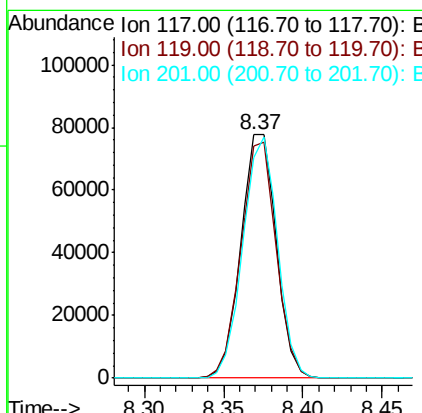
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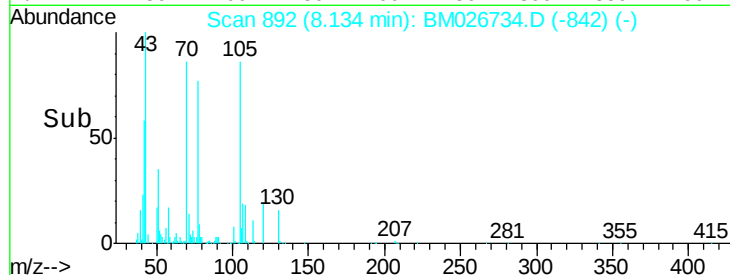
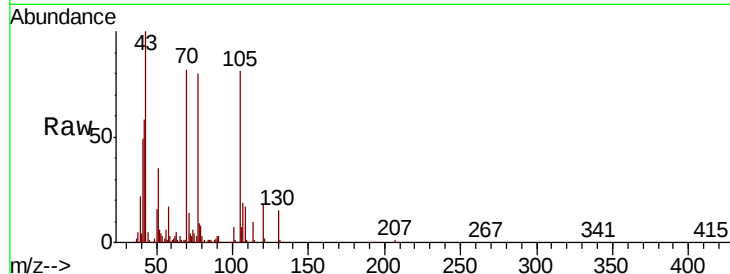
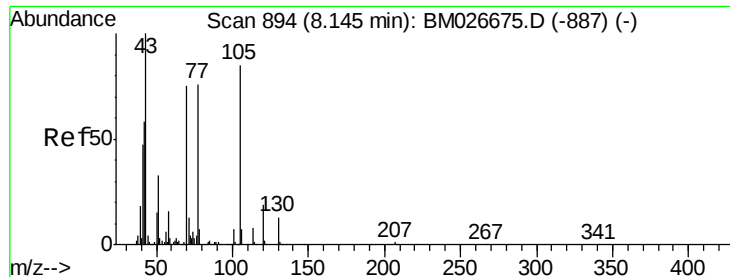
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#18
Hexachloroethane
Concen: 43.544 ng
RT: 8.37 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	117	Resp	120403
Ion Ratio	Lower	Upper	
117	100		
119	95.1	74.2	111.2
201	90.3	73.6	110.4





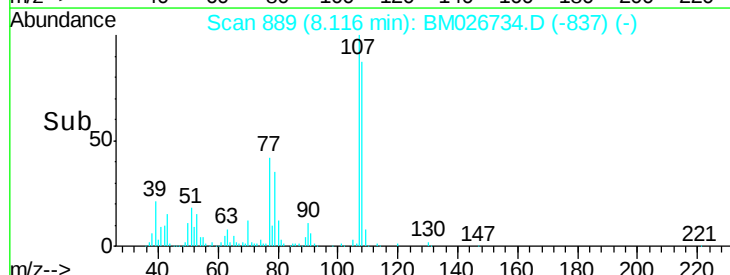
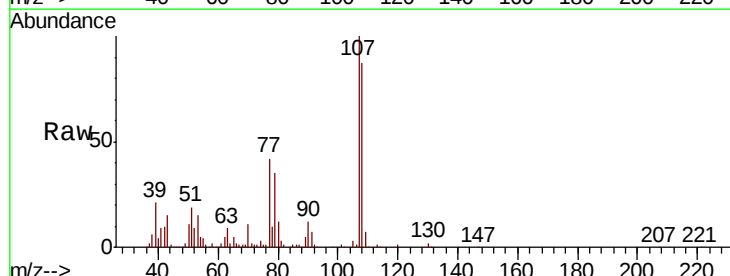
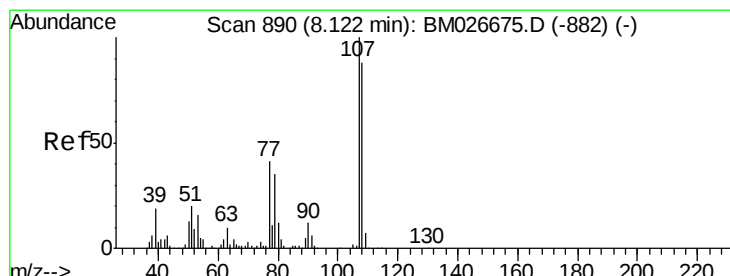
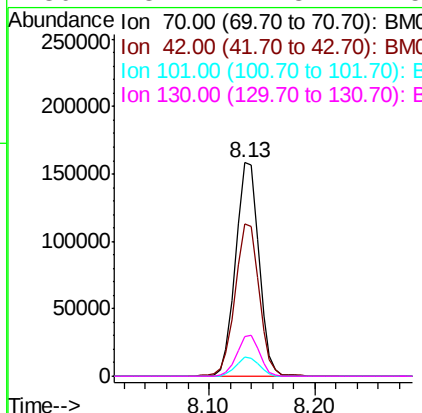
#19
n-Nitroso-di-n-propylamine
Concen: 34.318 ng
RT: 8.13 min Scan# 892
Delta R.T. -0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		240315		
42	71.1	62.3	93.5		
101	9.1	7.1	10.7		
130	18.7	14.3	21.5		

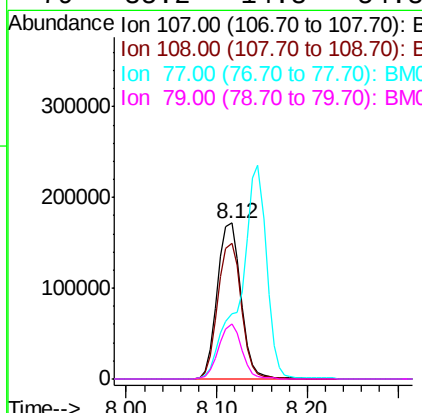
Manual Integrations
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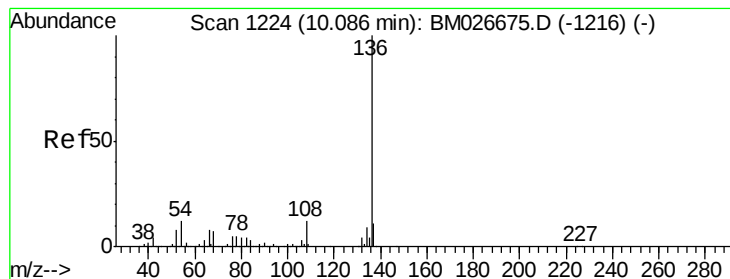
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#20
3+4-Methylphenols
Concen: 35.830 ng
RT: 8.12 min Scan# 889
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311385		
108	87.1	68.5	108.5		
77	42.1	20.8	60.8		
79	35.2	14.8	54.8		





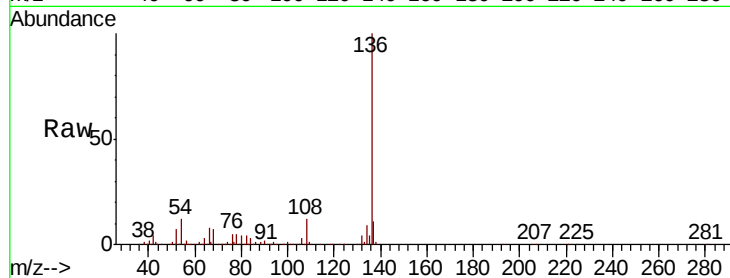
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.07 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		8.6	12.8	
54	11.9		9.8	14.6	
68	7.1		5.8	8.6	

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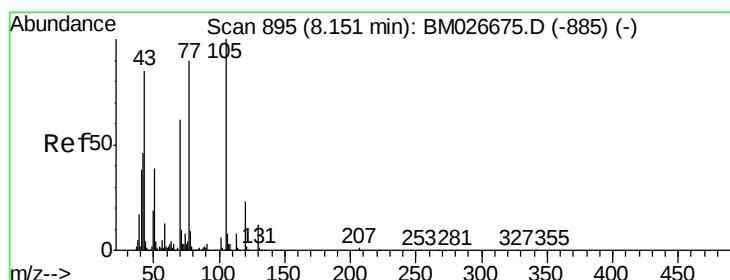
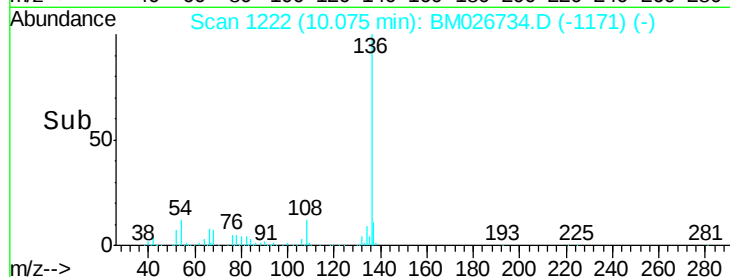
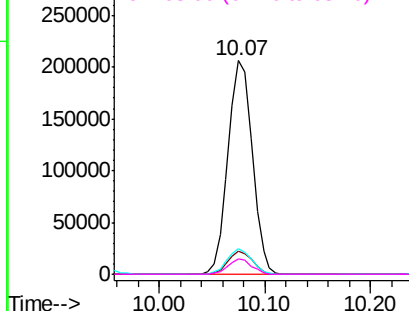
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 44.209 ng
RT: 8.15 min Scan# 894
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.9		8.1	12.1#	
51	36.1		31.9	47.9	
120	22.4		18.0	27.0	

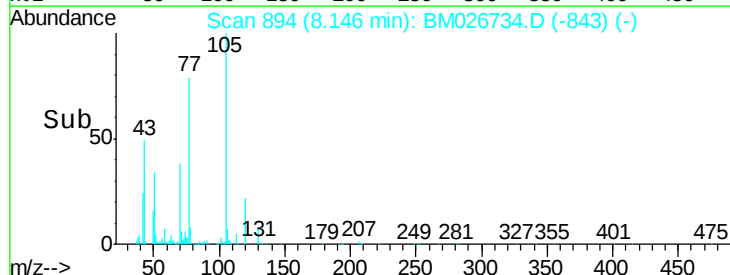
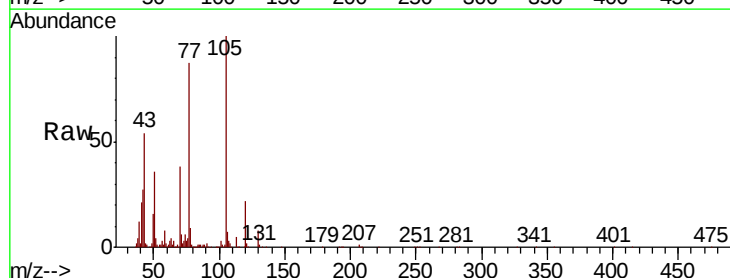
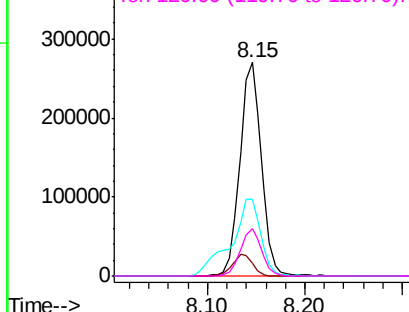
Abundance

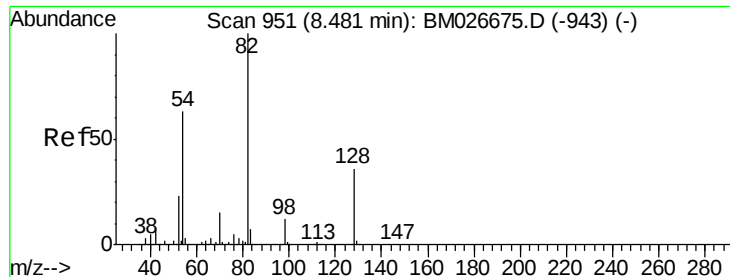
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





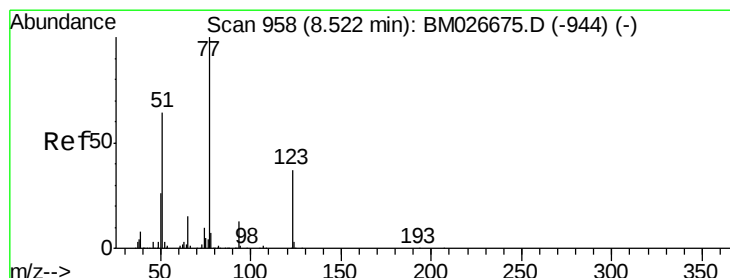
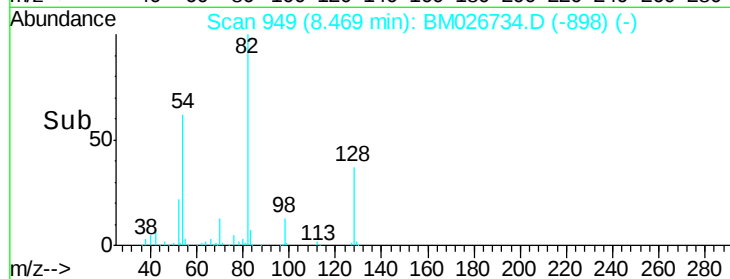
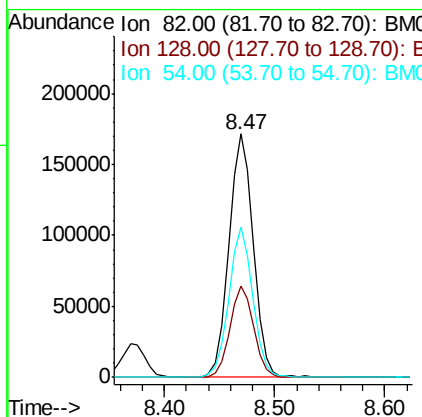
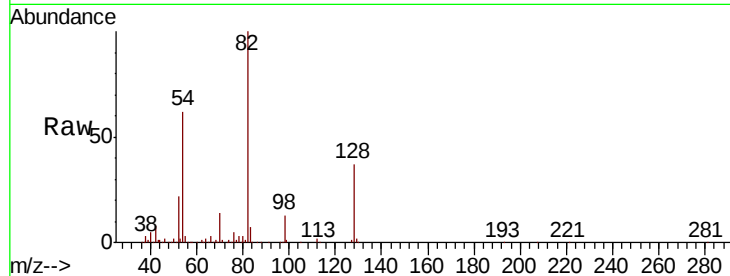
#23
 Nitrobenzene-d5
 Concen: 34.630 ng
 RT: 8.47 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.1	43.7
54	61.7	50.2	75.4

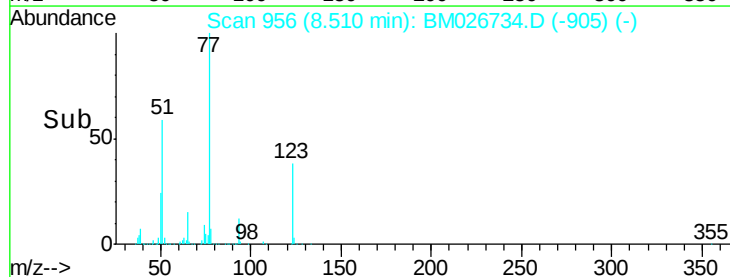
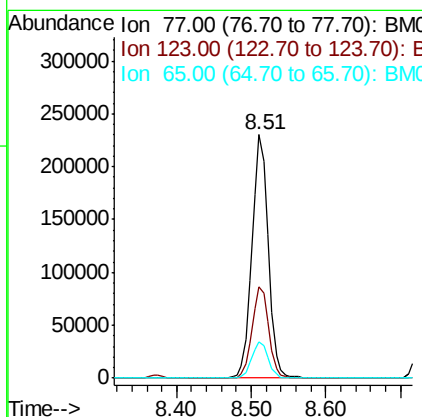
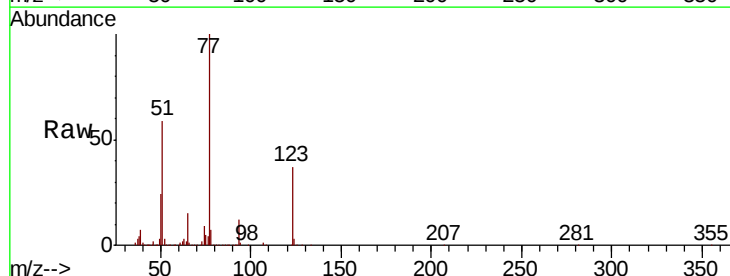
Manual Integrations
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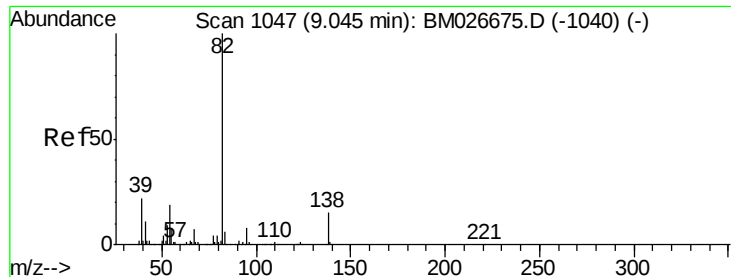
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#24
 Nitrobenzene
 Concen: 43.256 ng
 RT: 8.51 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	29.8	44.6
65	14.8	12.2	18.4





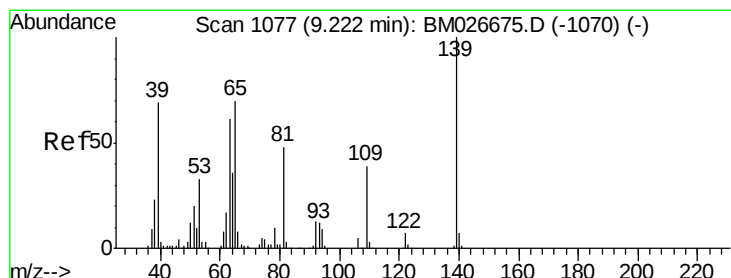
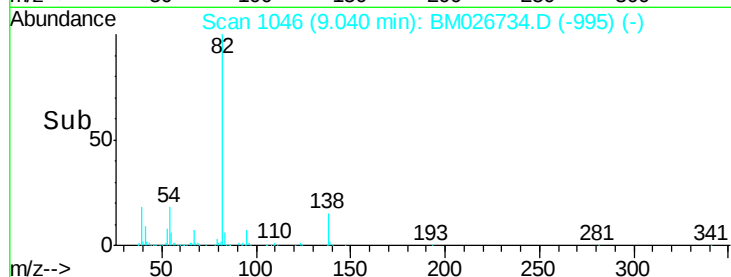
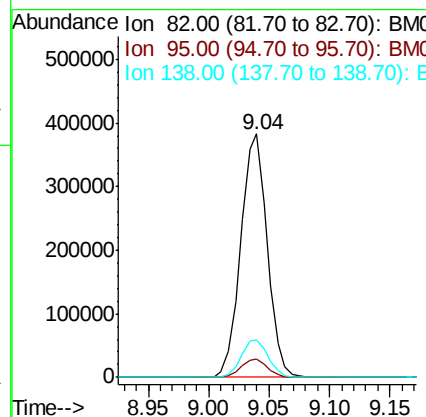
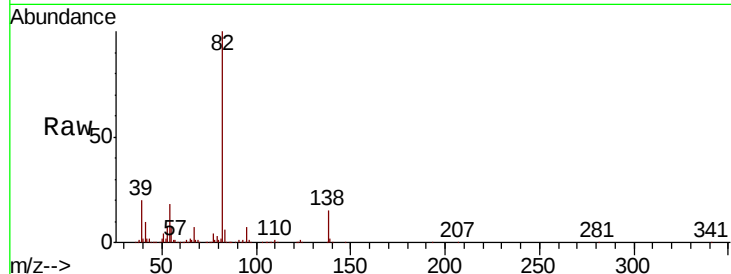
#25
Isophorone
Concen: 39.827 ng
RT: 9.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.3	9.5	
138	15.4	12.0	18.0	

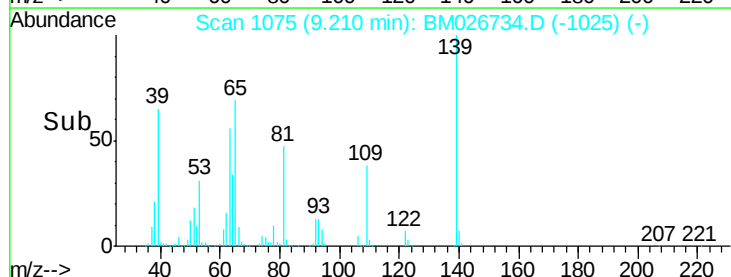
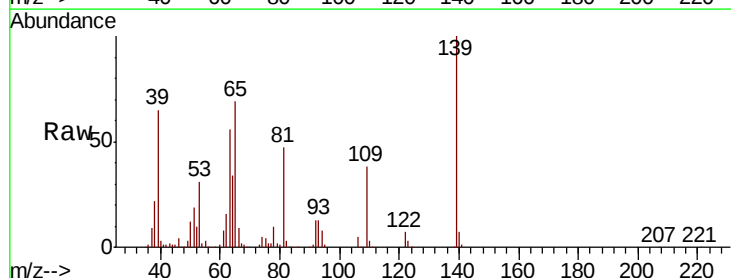
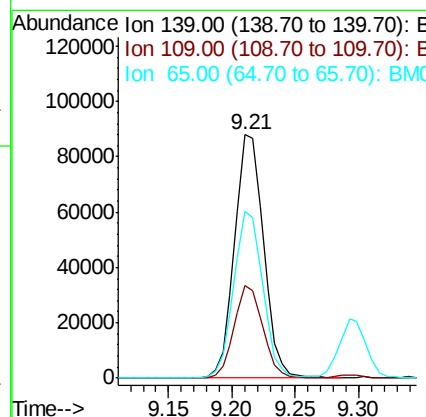
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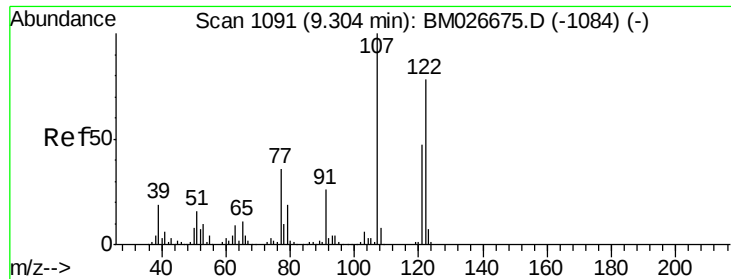
mohammad
7/13/2020 1:02:49 PM



#26
2-Nitrophenol
Concen: 46.748 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.1	30.8	46.2	
65	68.5	56.2	84.4	





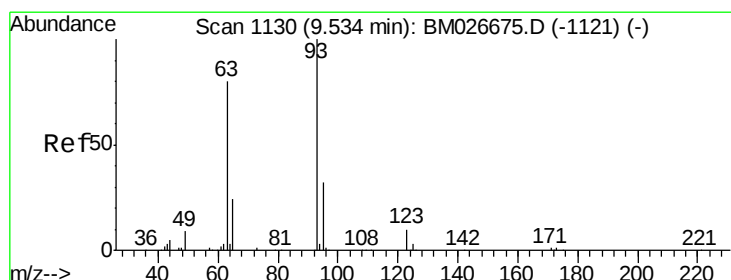
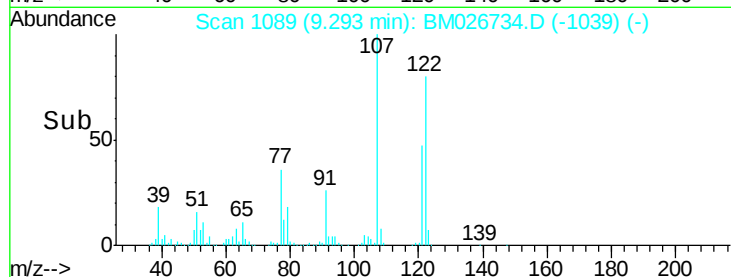
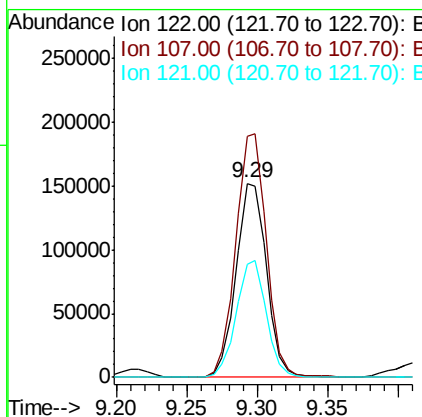
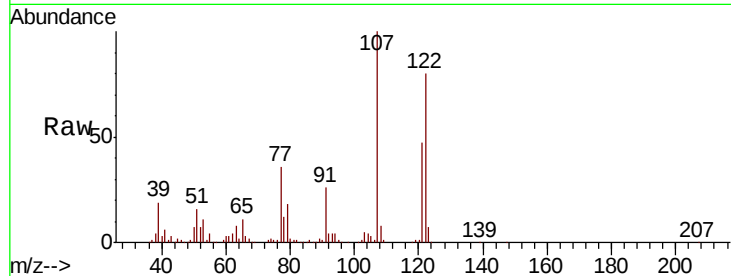
#27
 2,4-Dimethylphenol
 Concen: 47.131 ng
 RT: 9.29 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.4	102.1	153.1
121	58.1	48.2	72.2

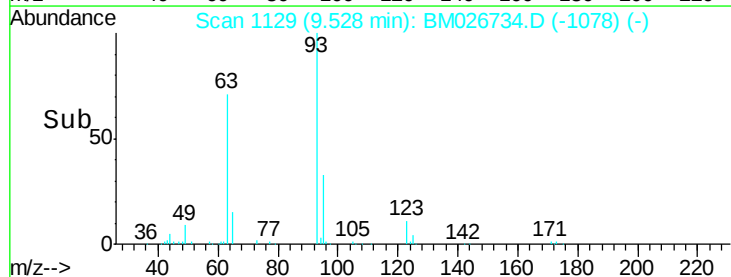
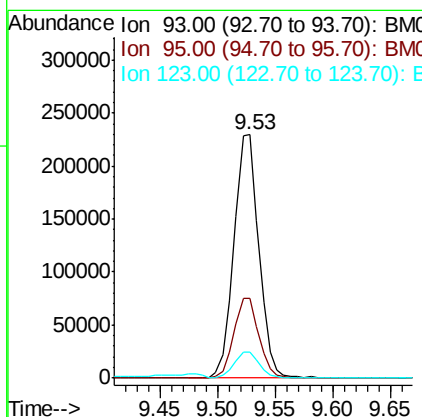
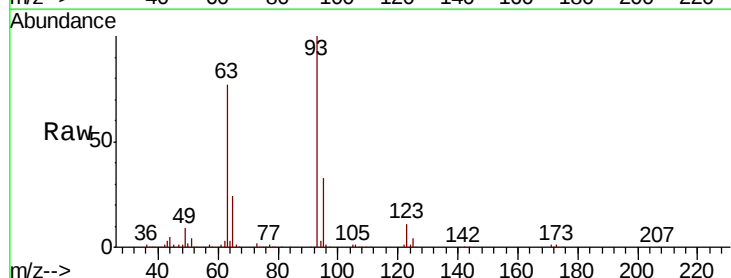
Manual Integrations
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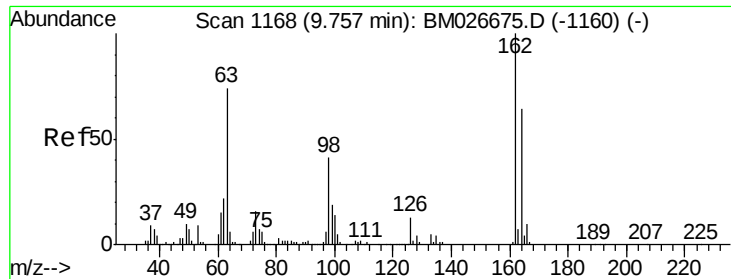
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.969 ng
 RT: 9.53 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.7	38.5
123	10.8	8.7	13.1





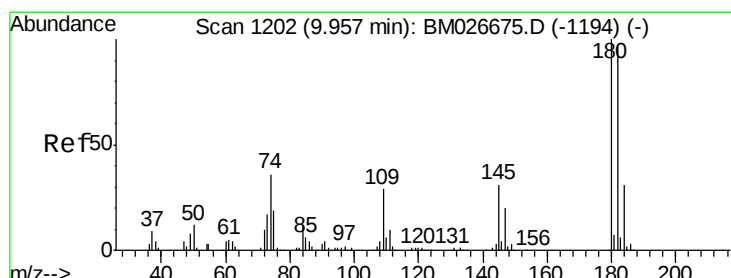
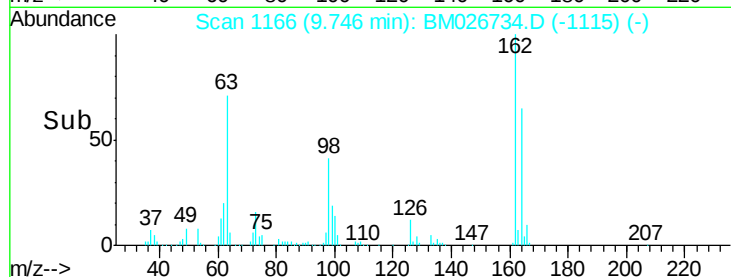
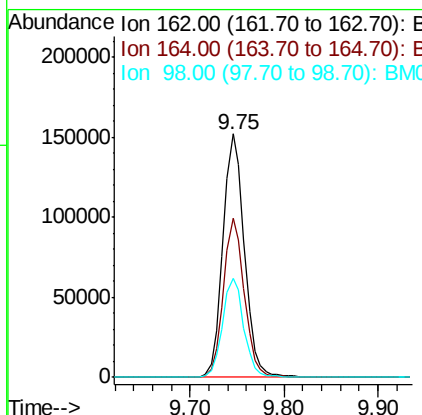
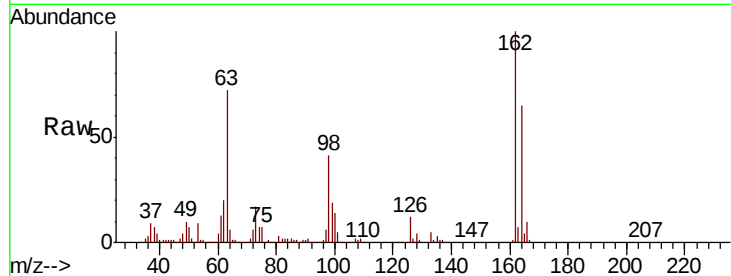
#29
2,4-Dichlorophenol
Concen: 45.380 ng
RT: 9.75 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	242487		
164	65.1	44.3	84.3	
98	40.8	21.0	61.0	

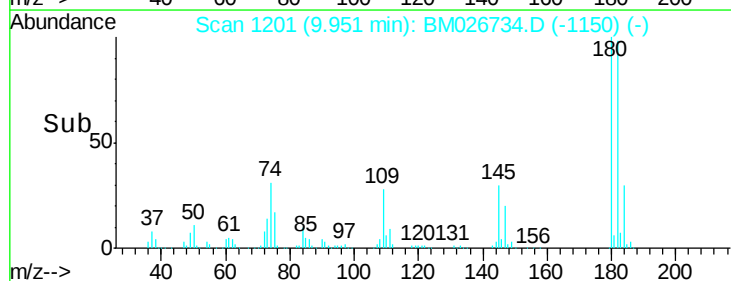
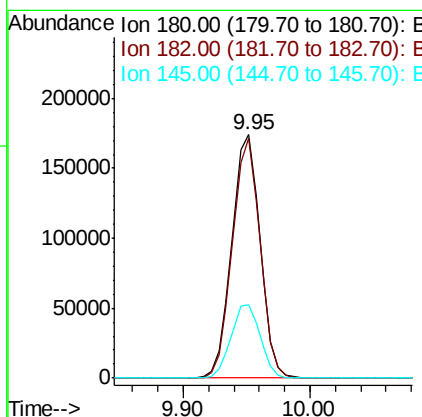
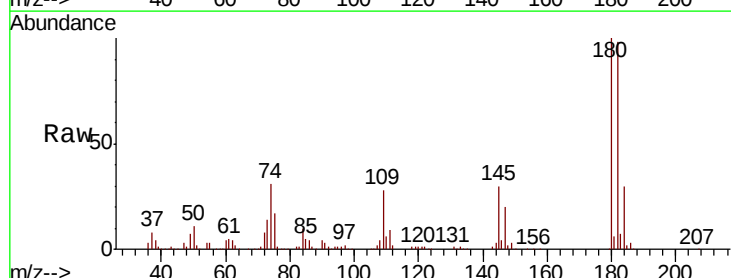
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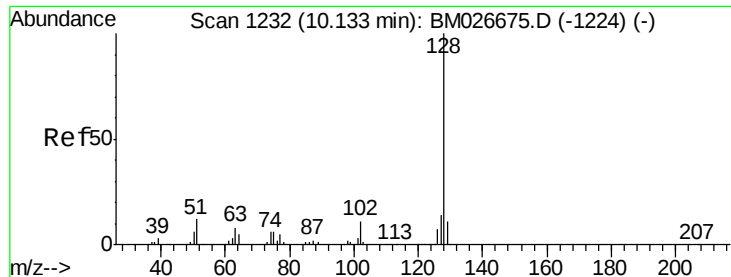
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#30
1,2,4-Trichlorobenzene
Concen: 44.997 ng
RT: 9.95 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	268232		
182	98.4	77.8	116.6	
145	30.4	25.0	37.6	





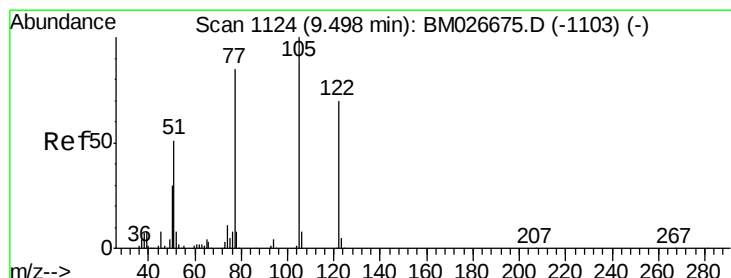
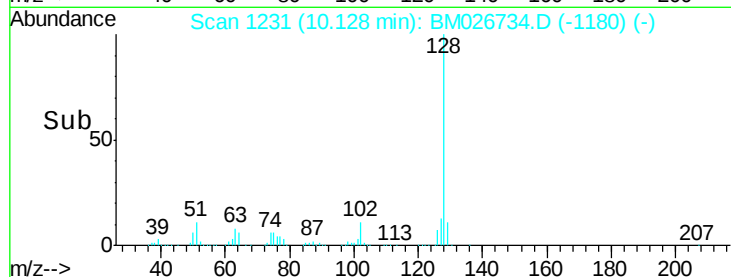
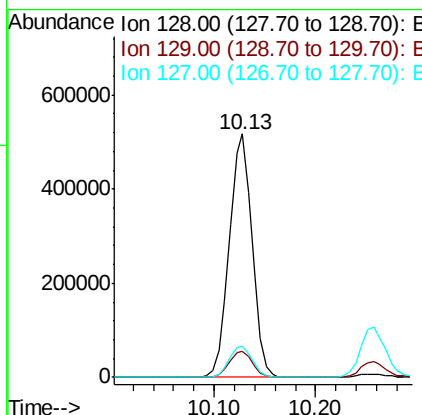
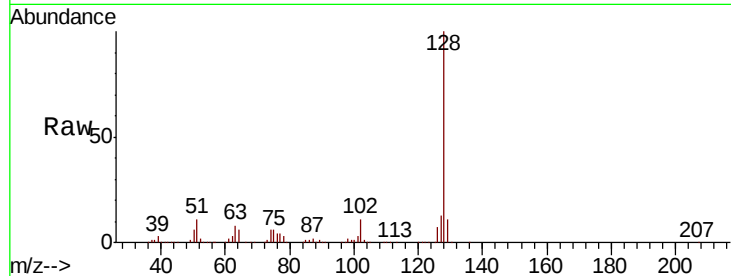
#31
Naphthalene
Concen: 44.100 ng
RT: 10.13 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.8	16.2

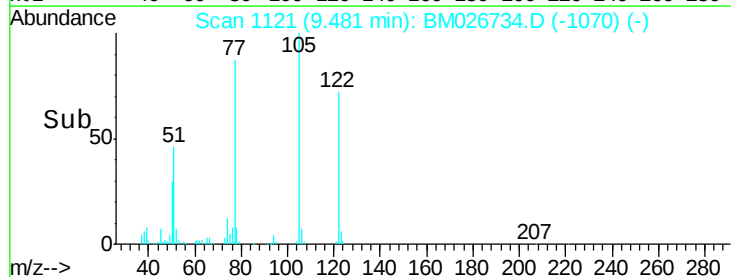
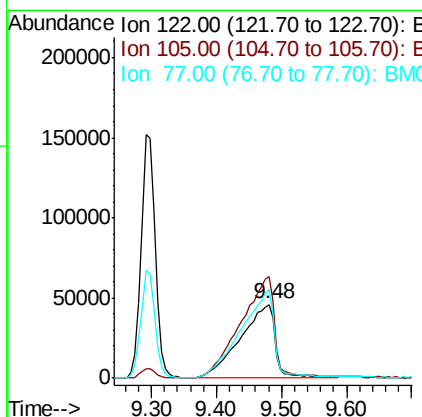
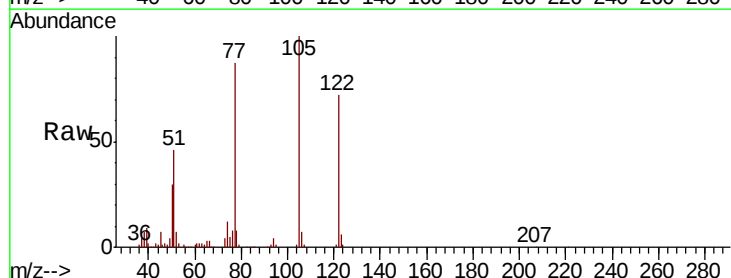
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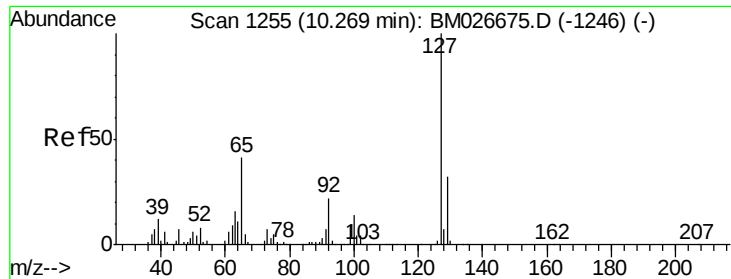
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#32
Benzoic acid
Concen: 40.863 ng
RT: 9.48 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.9	120.9	160.9
77	120.8	100.0	140.0





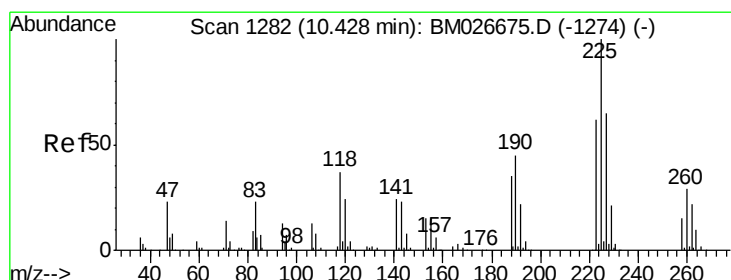
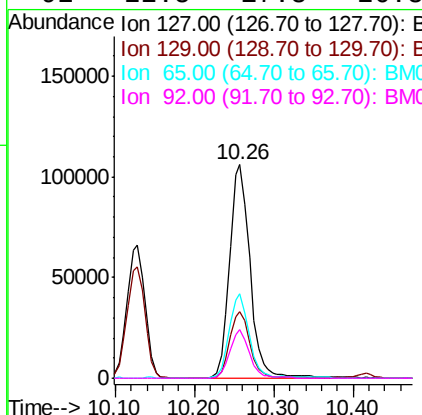
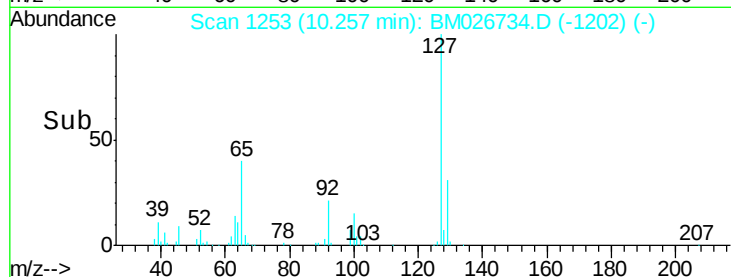
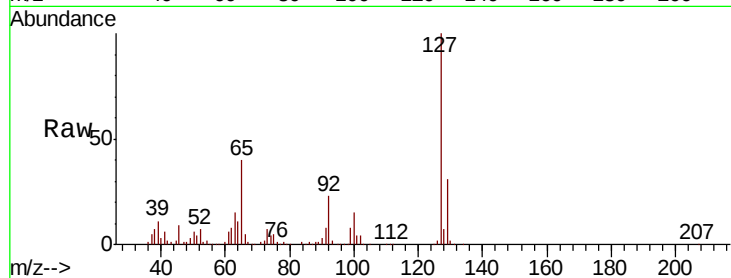
#33
4-Chloroaniline
Concen: 23.847 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.8	38.6		
65	39.7	32.5	48.7		
92	22.5	17.8	26.8		

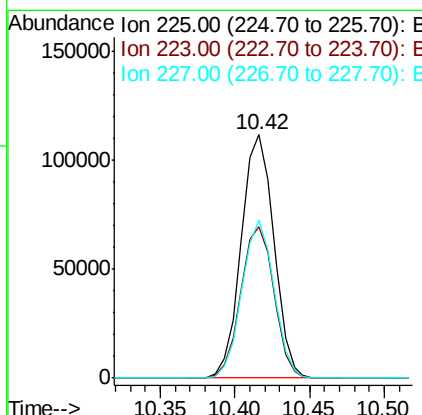
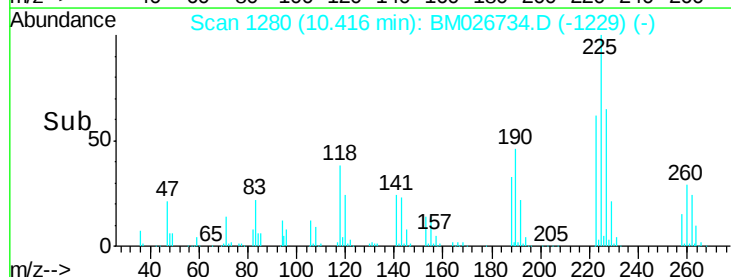
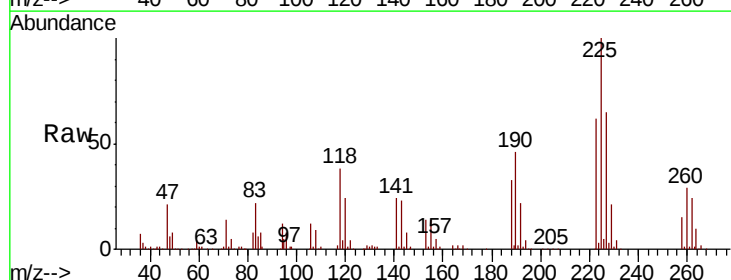
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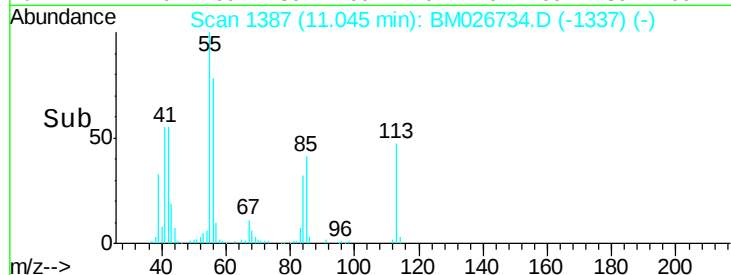
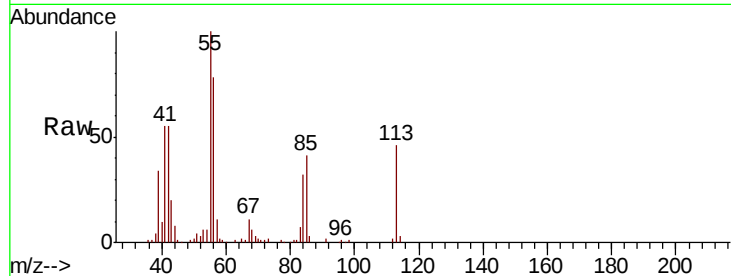
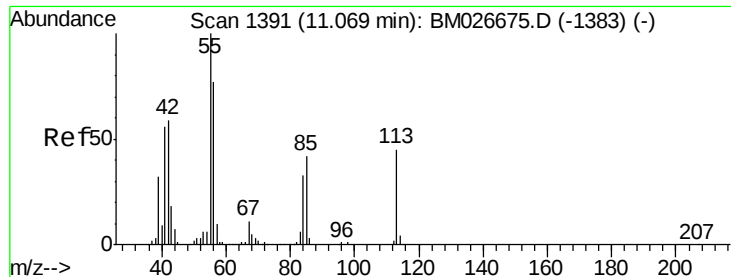
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#34
Hexachlorobutadiene
Concen: 42.918 ng
RT: 10.42 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.8	74.8		
227	64.6	52.3	78.5		





#35

Caprolactam

Concen: 38.913 ng/mL

RT: 11.05 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tot Ion:	113	Resp:	73655
Ion Ratio	Lower	Upper	
113	100		
55	216.3	203.5	243.5
56	167.9	151.6	191.6

Instrument :

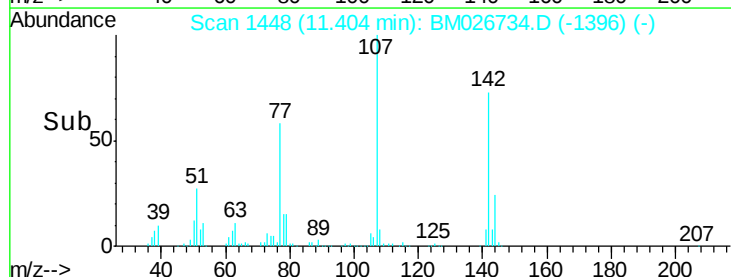
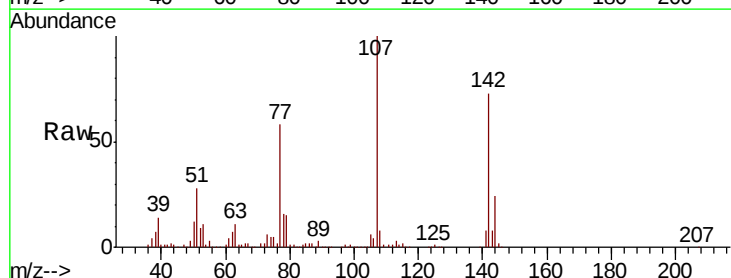
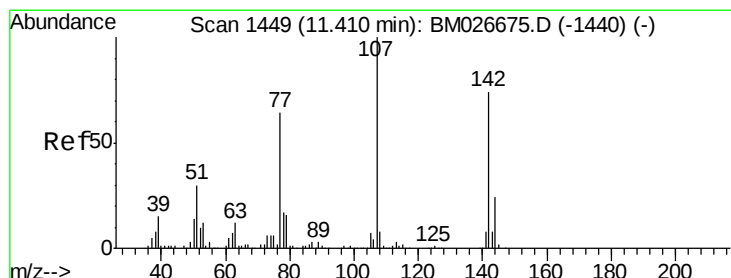
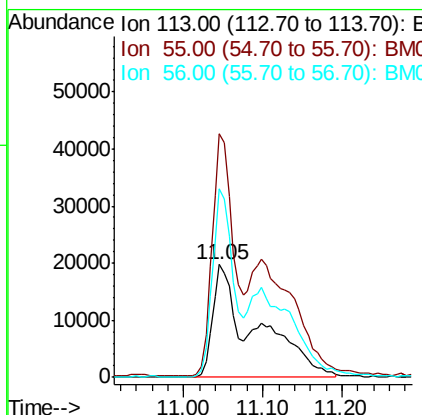
BNA_M

ClientSampleId :

OR-02-070820MSD

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#36

4-Chloro-3-methylphenol

Concen: 40.517 ng/mL

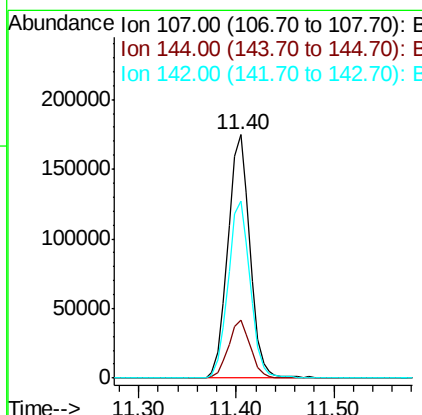
RT: 11.40 min Scan# 1448

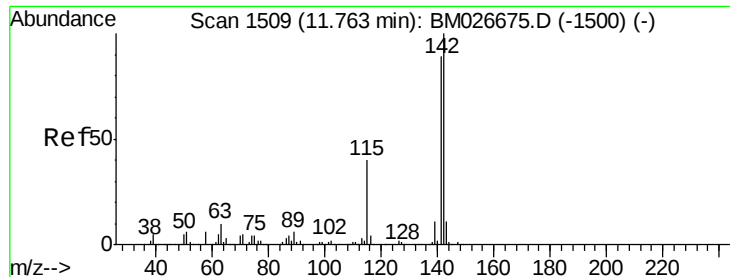
Delta R.T. 0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	107	Resp:	273623
Ion Ratio	Lower	Upper	
107	100		
144	24.0	18.9	28.3
142	72.8	59.0	88.4





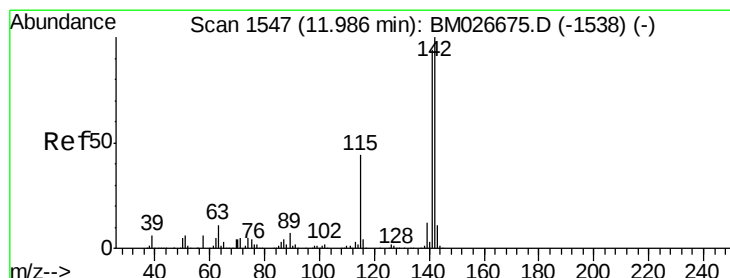
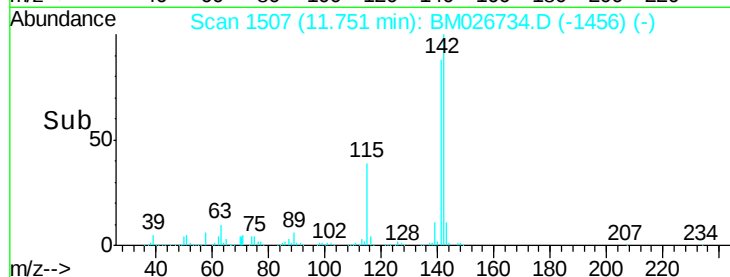
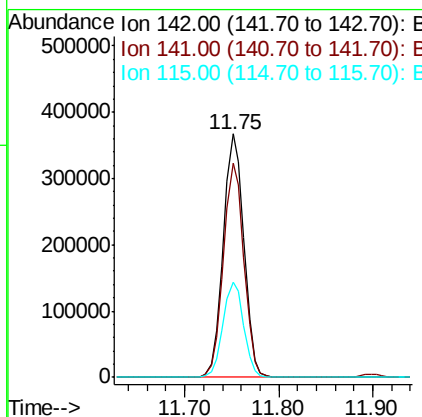
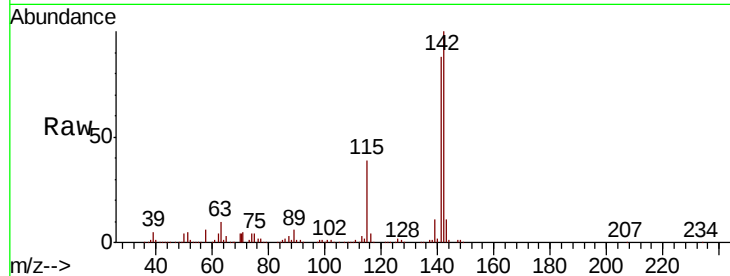
#37
2-Methylnaphthalene
Concen: 41.522 ng
RT: 11.75 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.0
115	39.1	32.1	48.1

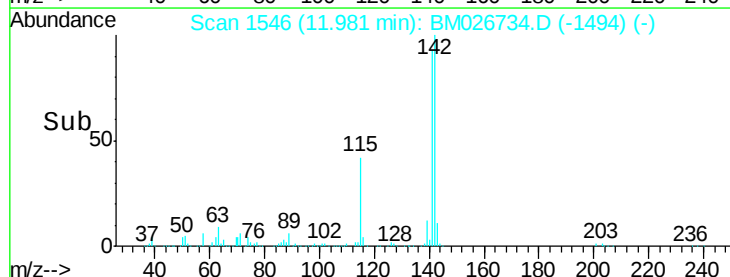
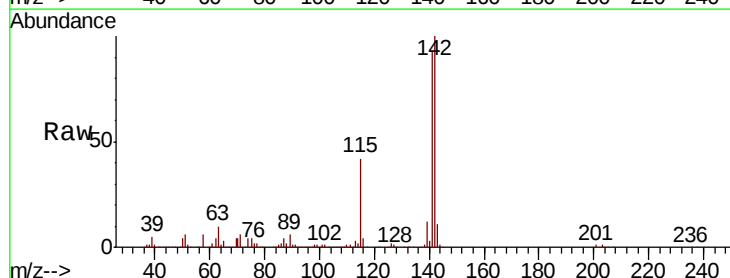
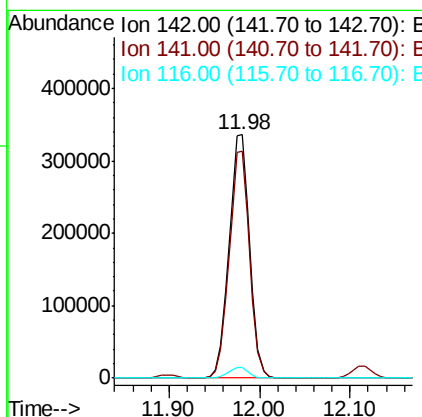
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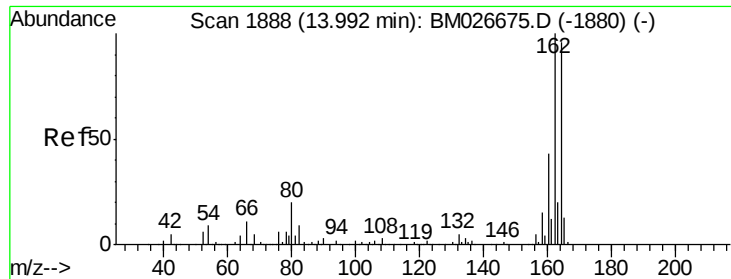
mohammad
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#38
1-Methylnaphthalene
Concen: 40.833 ng
RT: 11.98 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.0	112.6
116	4.3	3.5	5.3





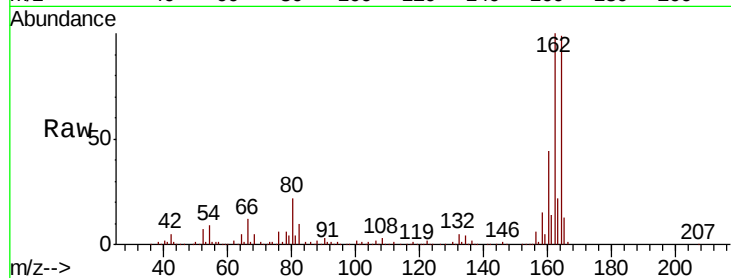
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.7	125.5
160	43.7	36.2	54.2

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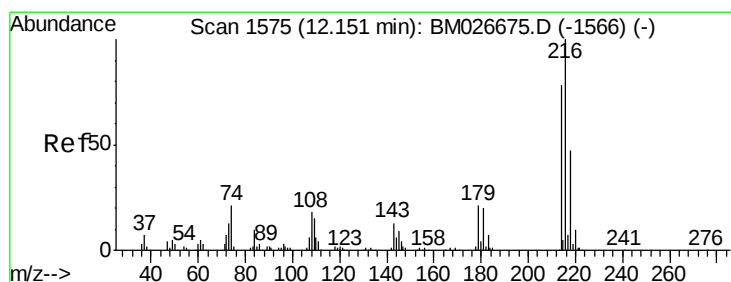
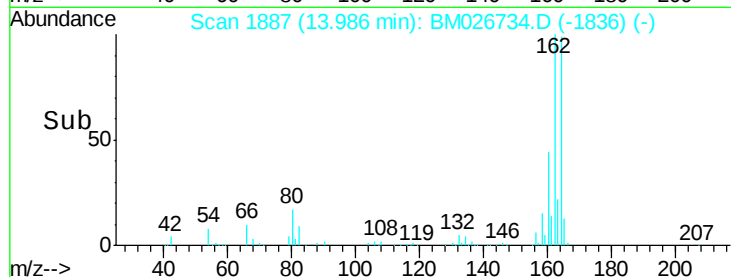
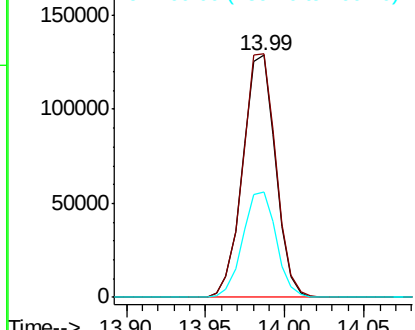


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.008 ng
RT: 12.14 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.6	93.8
179	20.9	17.5	26.3
108	21.1	16.7	25.1

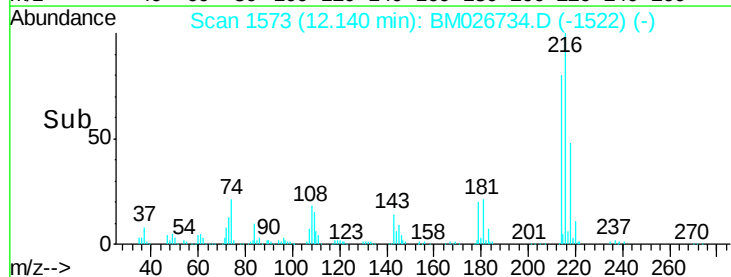
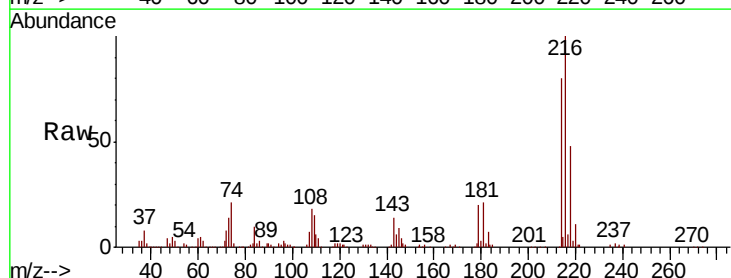
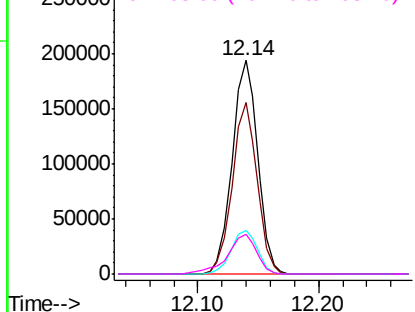
Abundance

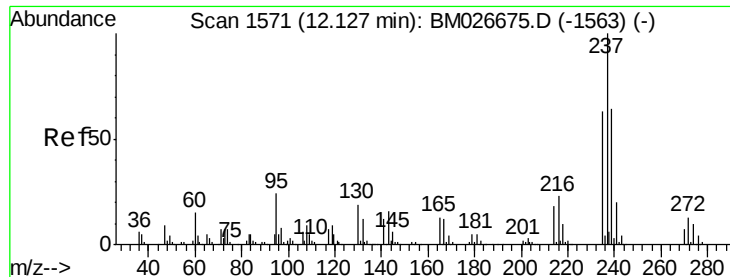
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.557 ng

RT: 12.12 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

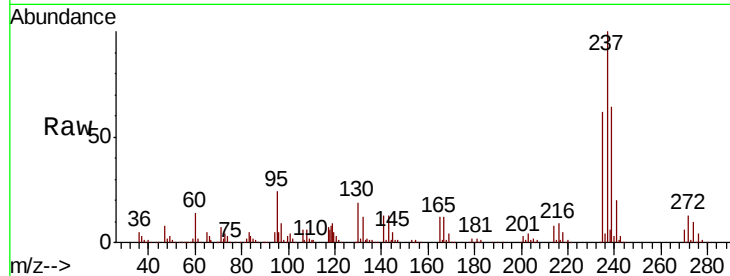
ClientSampleId :

OR-02-070820MSD

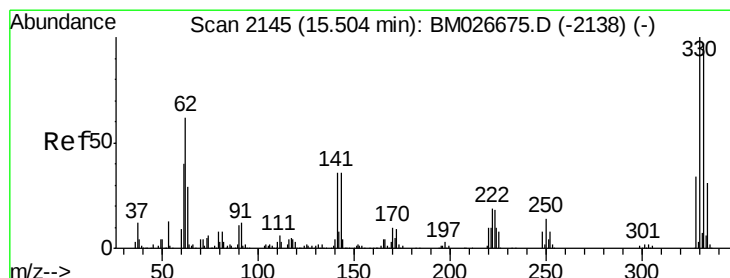
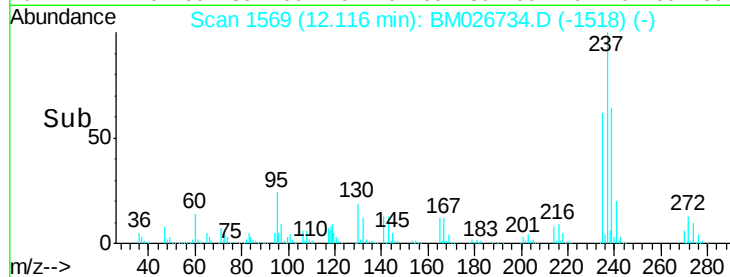
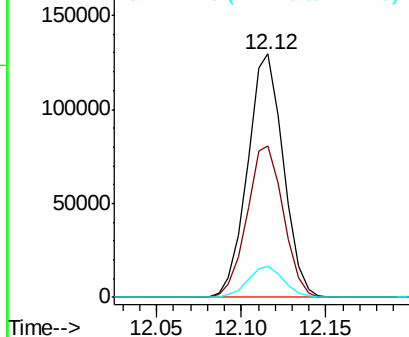
Tot Ion:	237	Resp:	190139
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.8	82.8
272	12.8	0.0	32.8

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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: 49.763 ng

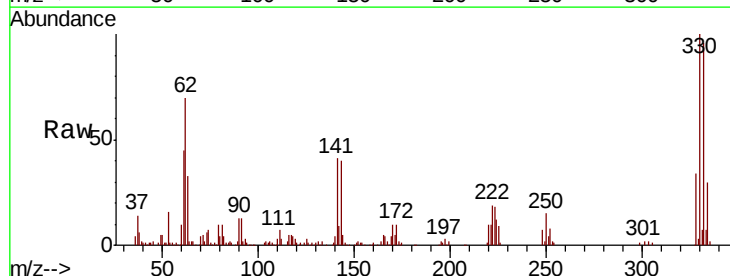
RT: 15.49 min Scan# 2143

Delta R.T. 0.00 min

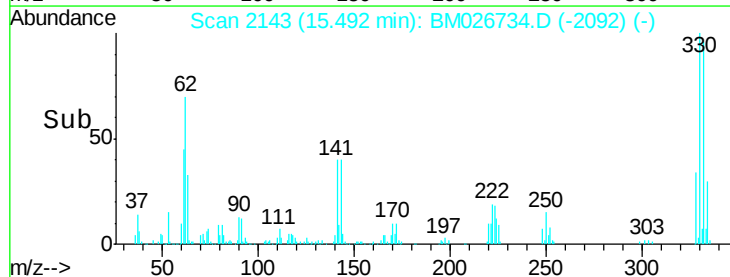
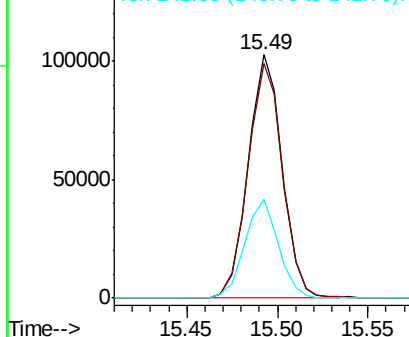
Lab File: BM026734.D

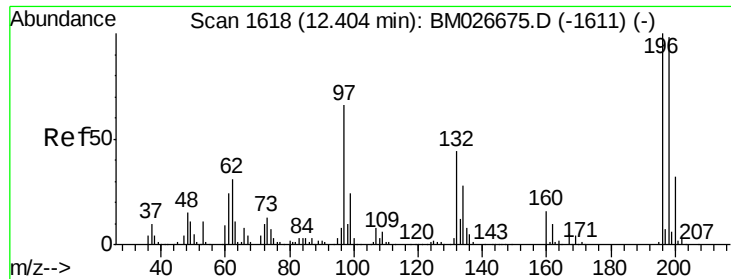
Acq: 10 Jul 2020 15:11

Tgt Ion:	330	Resp:	133718
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.5	116.3
141	40.4	32.4	48.6



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





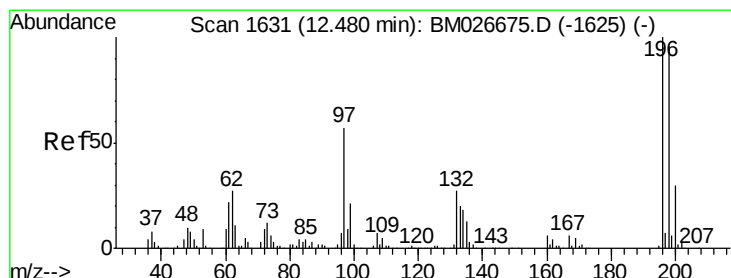
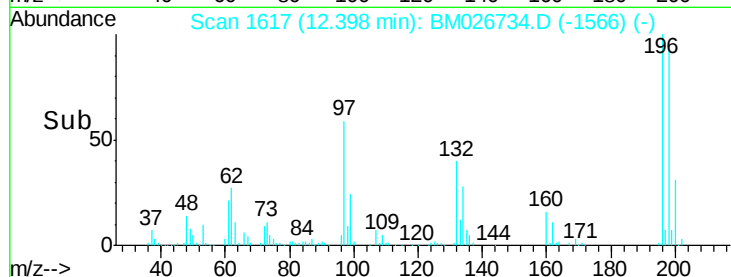
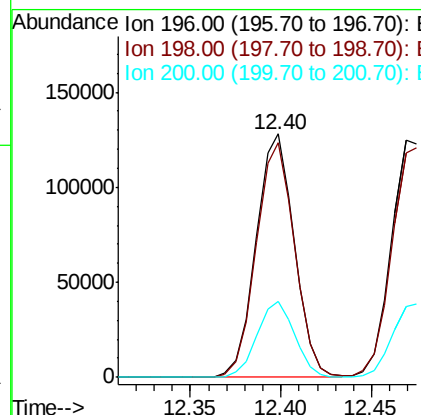
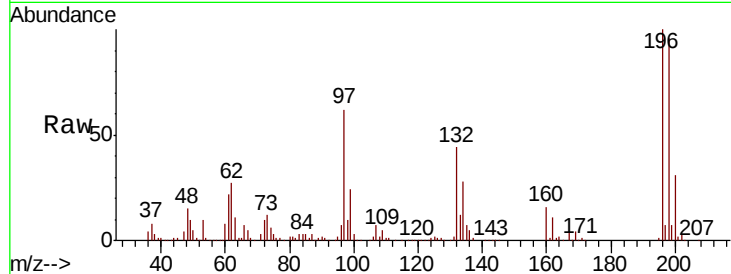
#43
 2,4,6-Trichlorophenol
 Concen: 47.912 ng
 RT: 12.40 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187155		
198	96.2	78.6	118.0	
200	31.2	25.3	37.9	

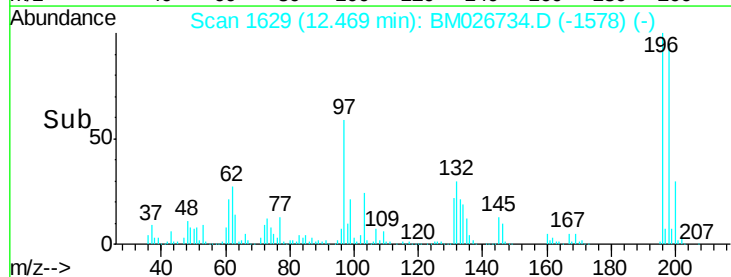
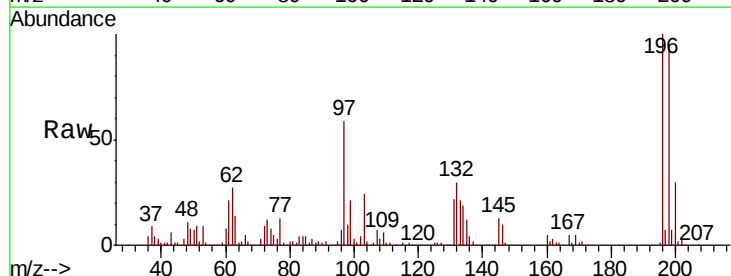
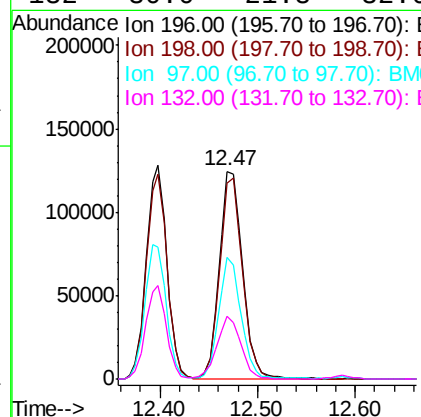
Manual Integrations
 APPROVED

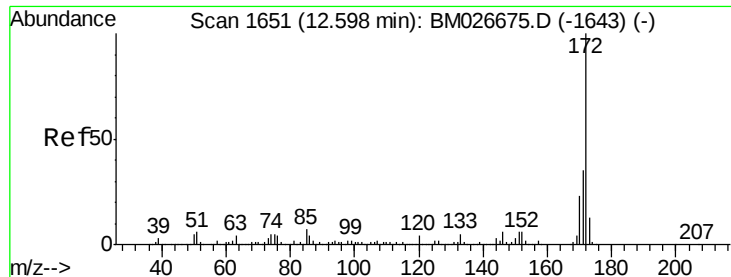
mohammad
 7/13/2020 1:02:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.443 ng
 RT: 12.47 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204005		
198	94.6	77.0	115.6	
97	58.6	45.7	68.5	
132	30.0	21.8	32.6	





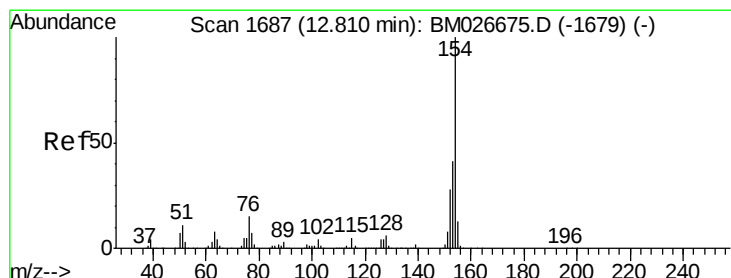
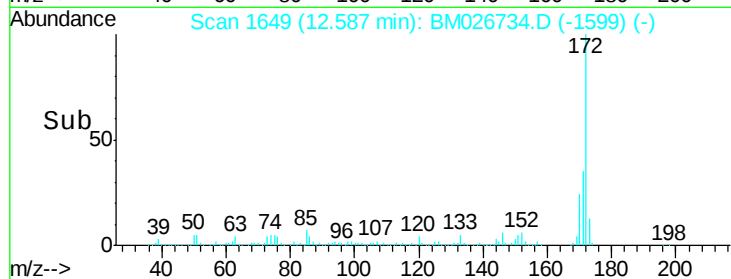
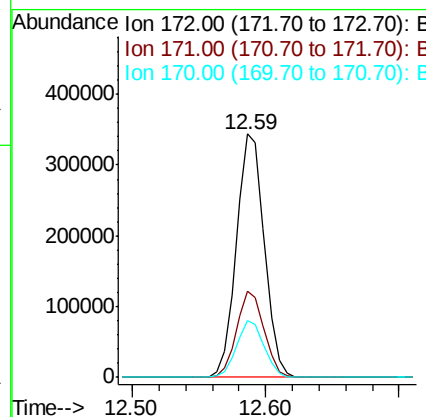
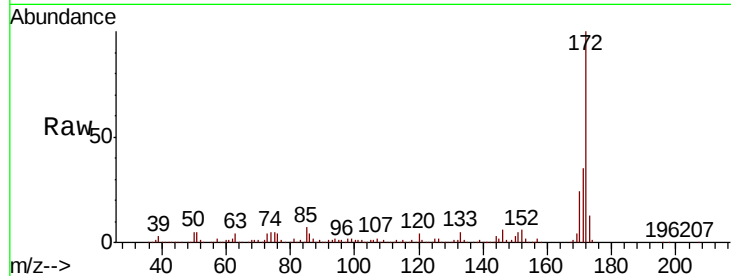
#45
2-Fluorobiphenyl
Concen: 35.955 ng
RT: 12.59 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion:	172	Resp:	498811
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.8	41.6
170	23.5	18.5	27.7

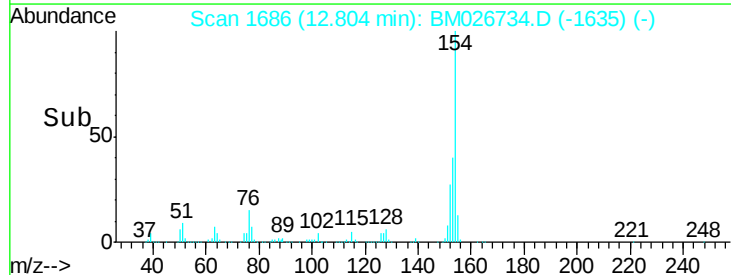
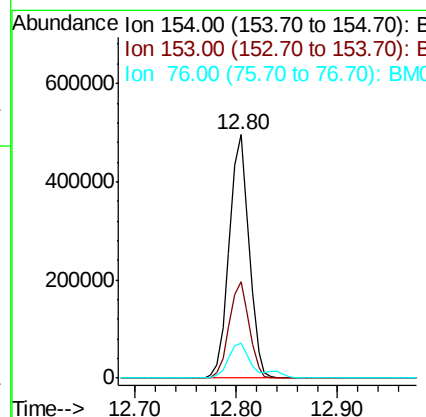
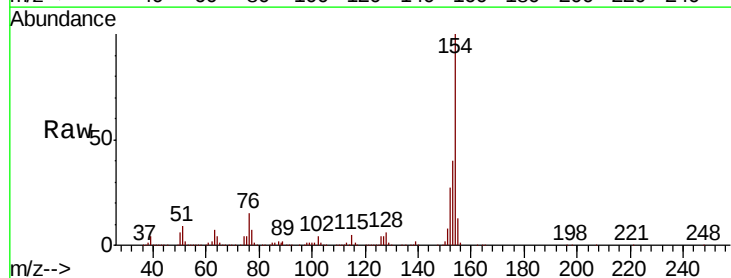
Manual Integrations
APPROVED

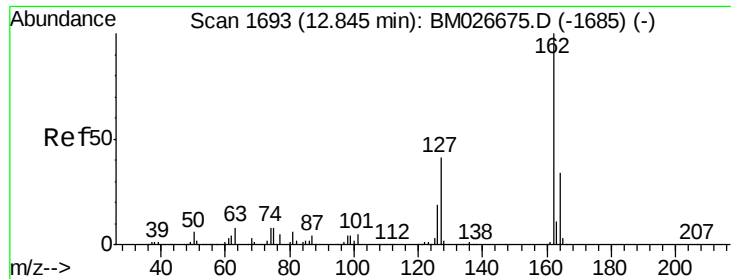
mohammad
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#46
1,1'-Biphenyl
Concen: 46.296 ng
RT: 12.80 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion:	154	Resp:	674573
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.9	60.9
76	14.6	0.0	35.2





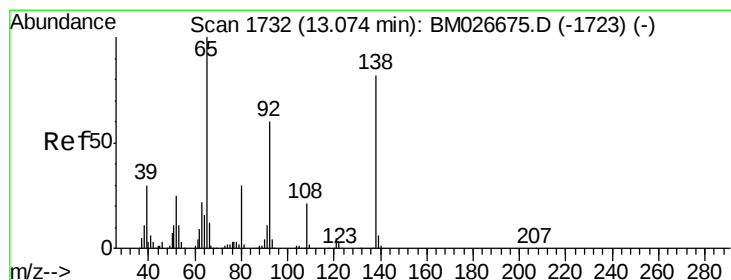
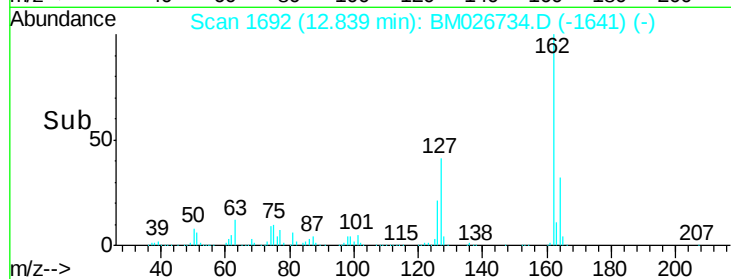
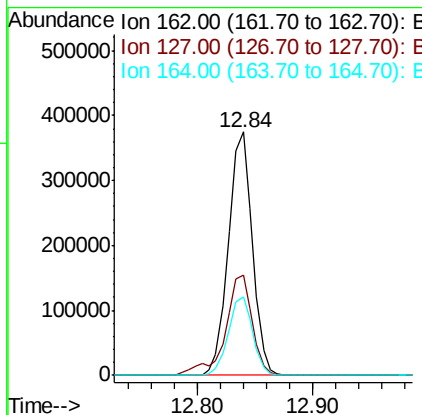
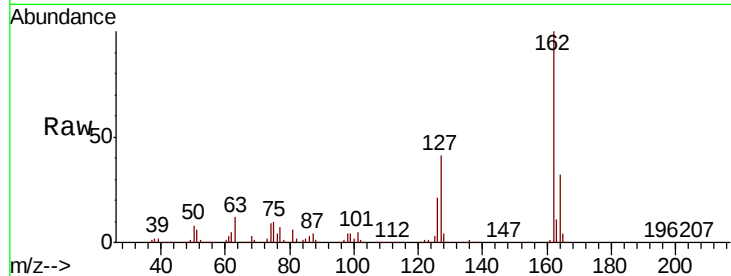
#47
2-Chloronaphthalene
Concen: 45.656 ng
RT: 12.84 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.0	51.0
164	32.5	26.9	40.3

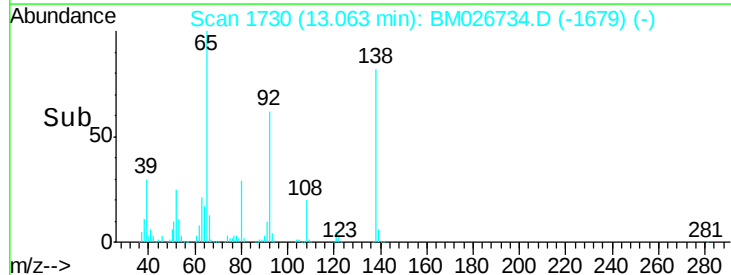
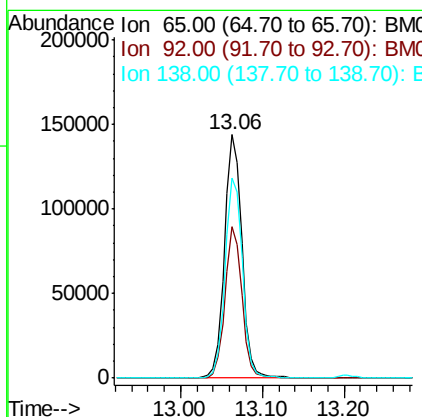
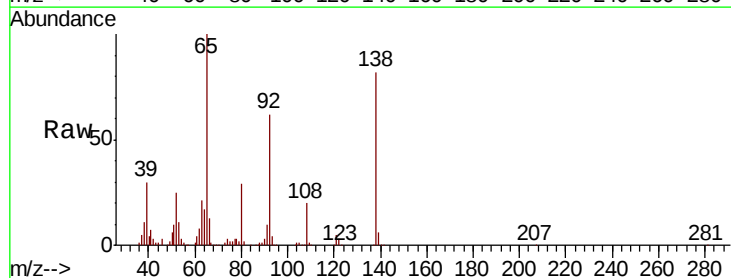
Manual Integrations
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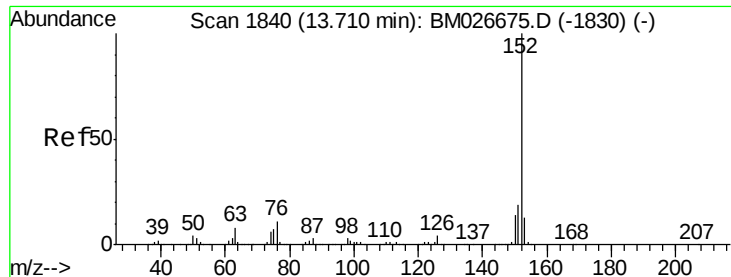
mohammad
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#48
2-Nitroaniline
Concen: 44.069 ng
RT: 13.06 min Scan# 1730
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.5	47.8	71.8
138	82.1	65.6	98.4





#49

Acenaphthylene

Concen: 44.740 ng

RT: 13.70 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

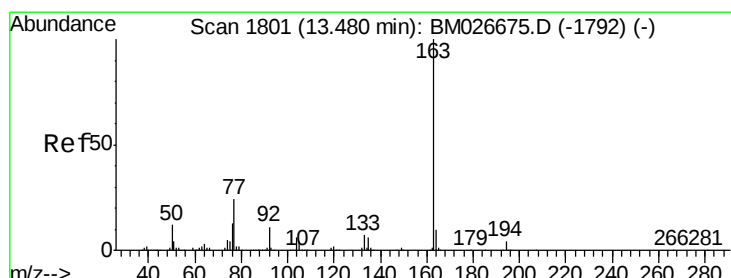
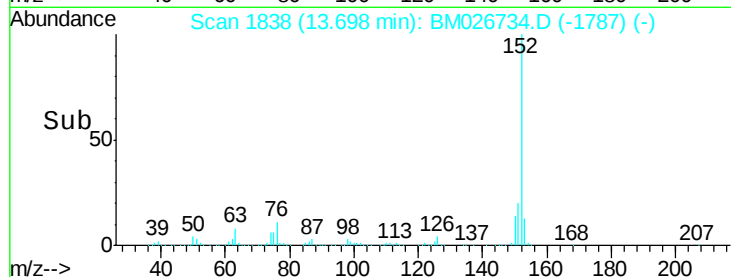
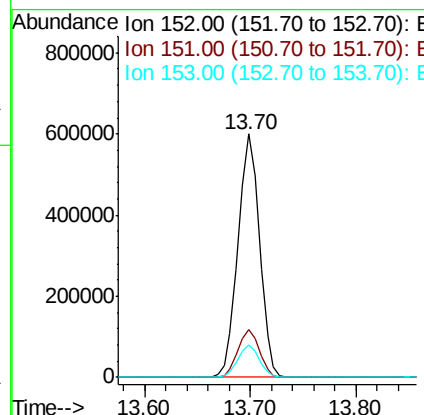
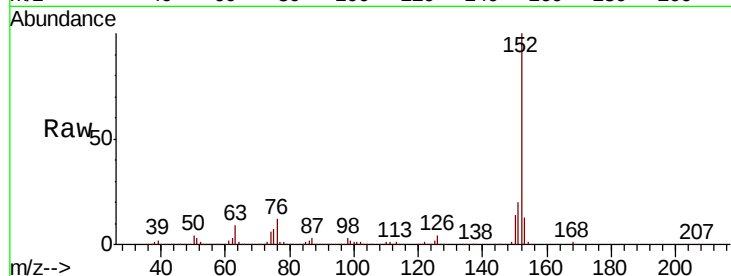
ClientSampleId :

OR-02-070820MSD

Tot Ion:	152	Resp:	841883
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.6	23.4
153	13.3	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.363 ng

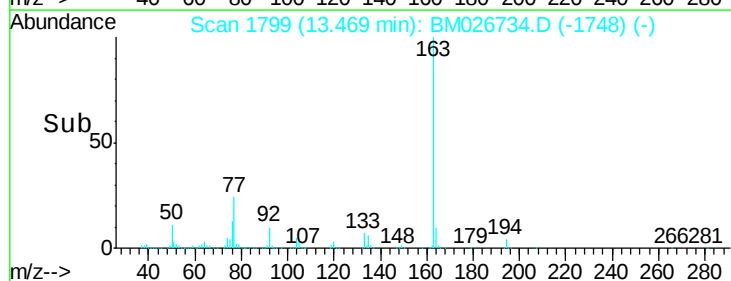
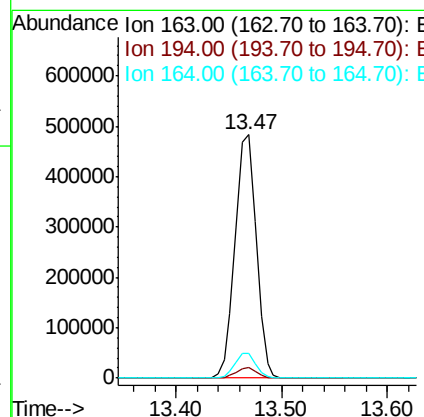
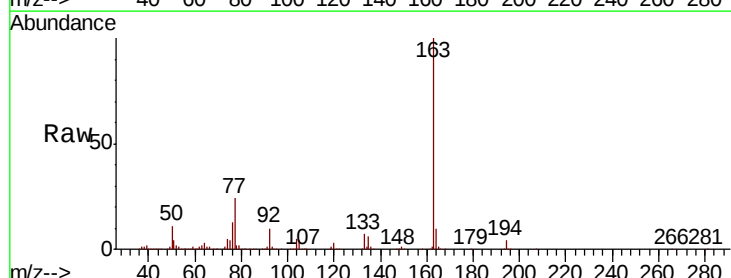
RT: 13.47 min Scan# 1799

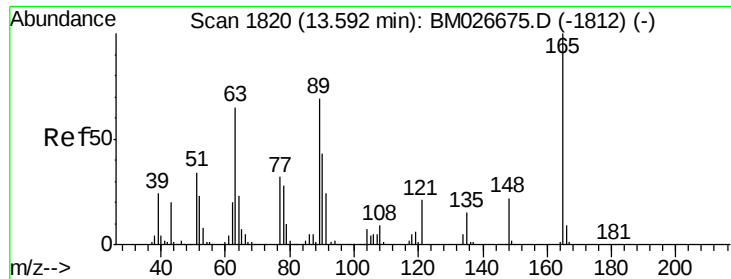
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	163	Resp:	668403
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.6





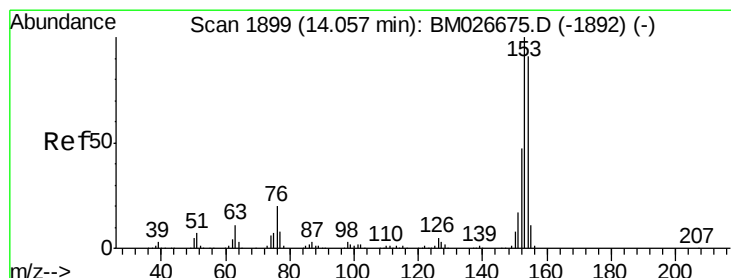
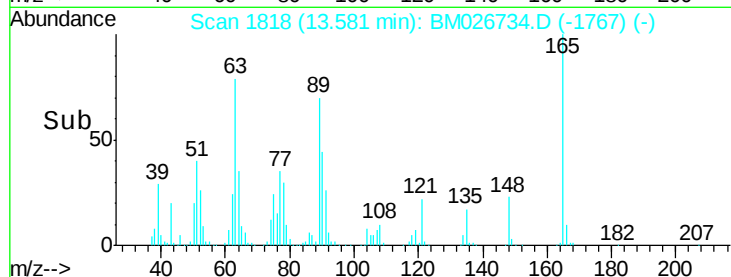
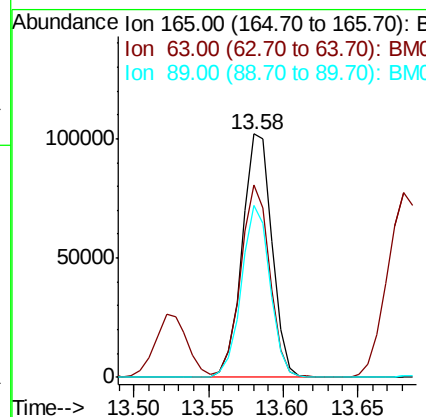
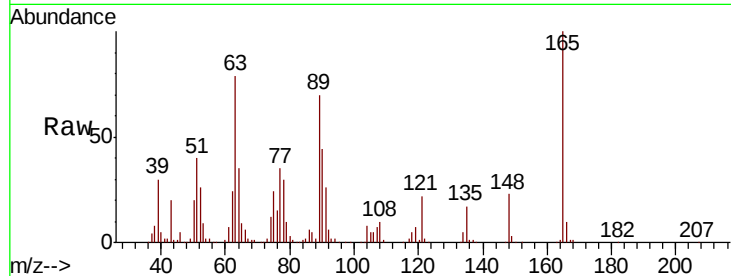
#51
2,6-Dinitrotoluene
Concen: 41.725 ng
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	79.1	61.1	91.7
89	70.4	54.9	82.3

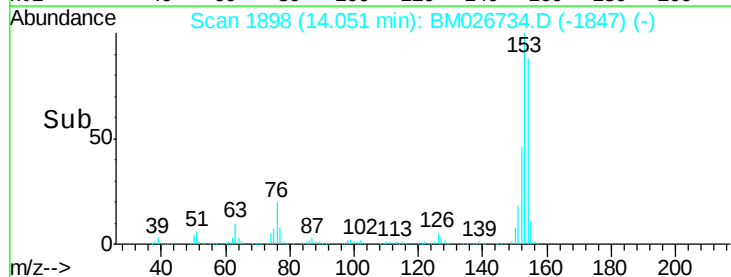
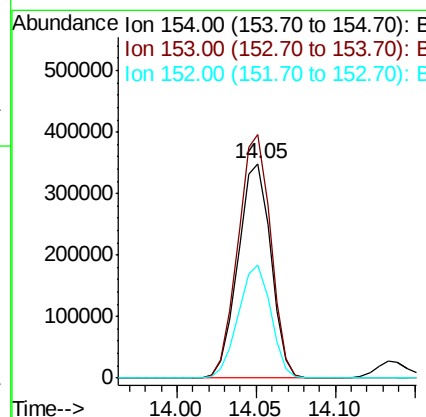
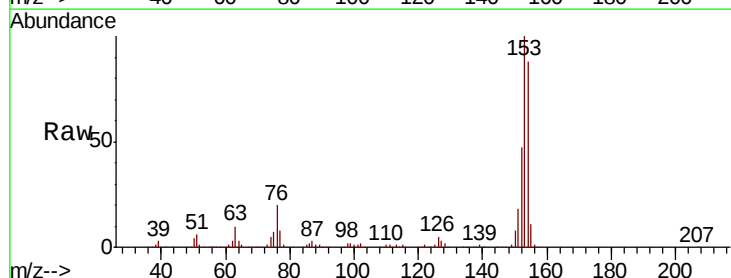
Manual Integrations
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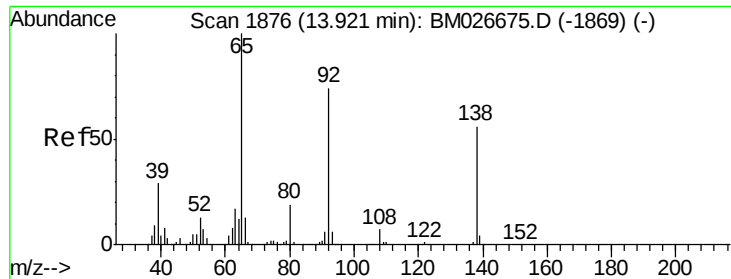
mohammad
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#52
Acenaphthene
Concen: 43.678 ng
RT: 14.05 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.7	88.3	132.5
152	52.9	41.1	61.7





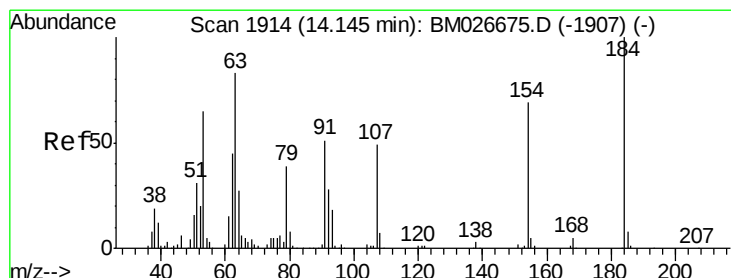
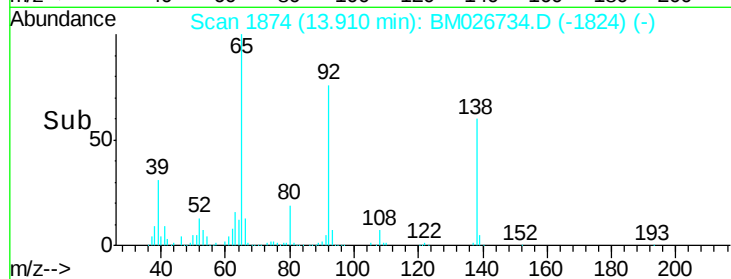
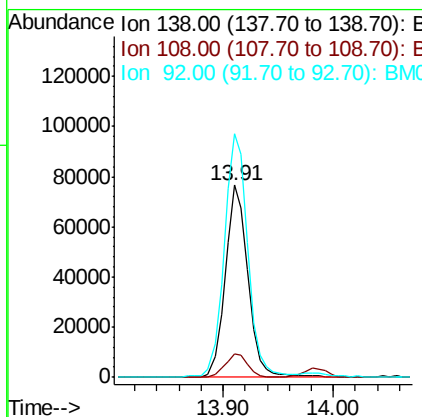
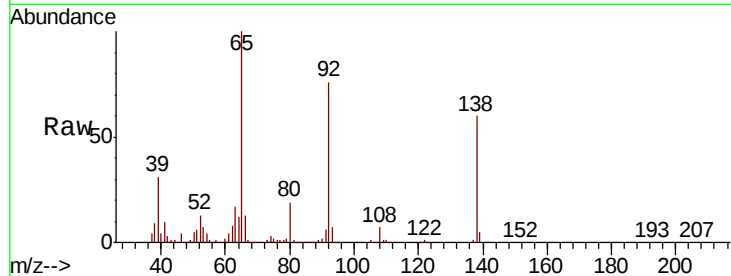
#53
3-Nitroaniline
Concen: 31.459 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.7	14.5
92	126.9	105.6	158.4

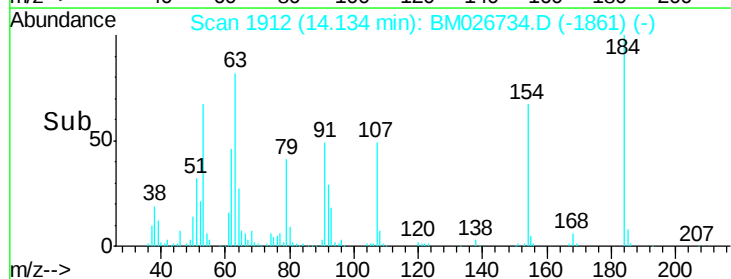
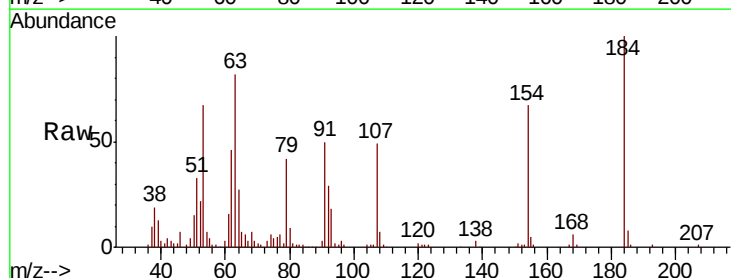
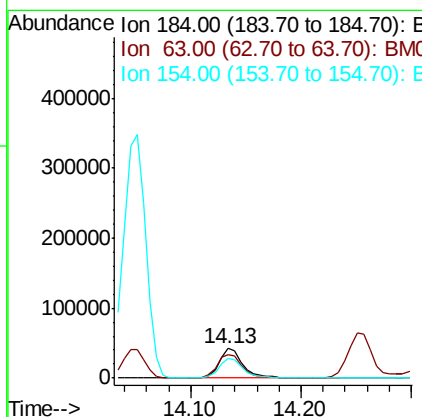
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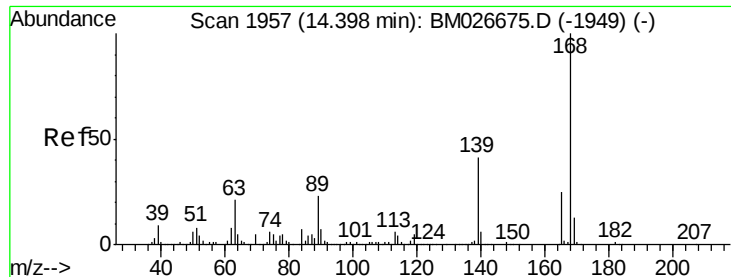
mohammad
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#54
2,4-Dinitrophenol
Concen: 31.379 ng
RT: 14.13 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.0	66.2	99.4
154	67.1	55.2	82.8





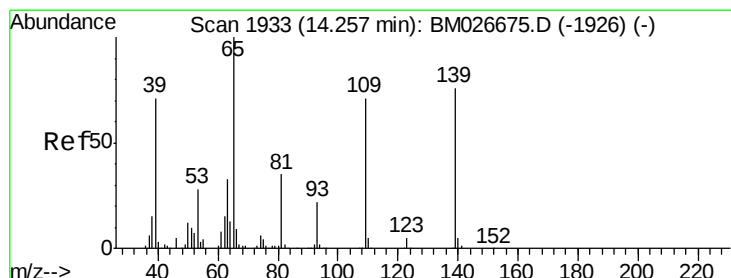
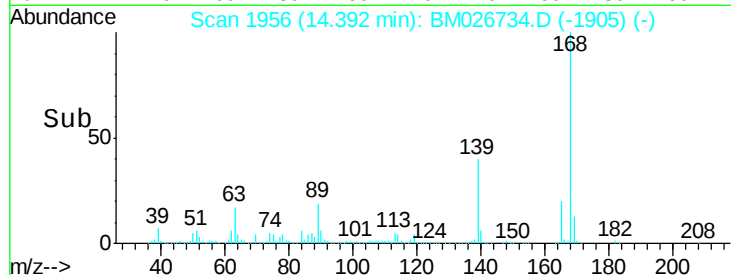
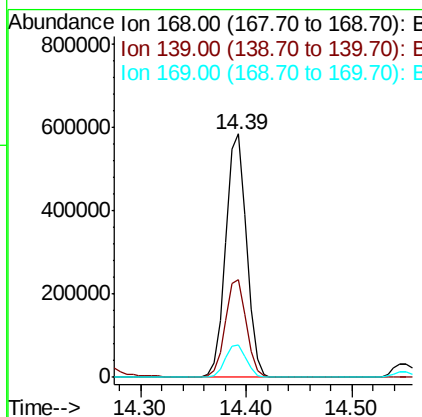
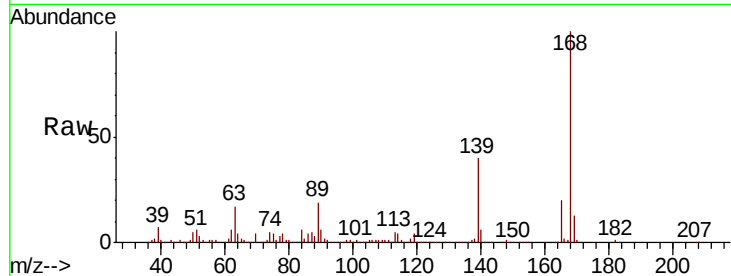
#55
Dibenzofuran
Concen: 42.383 ng
RT: 14.39 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	32.6	48.8
169	13.1	10.5	15.7

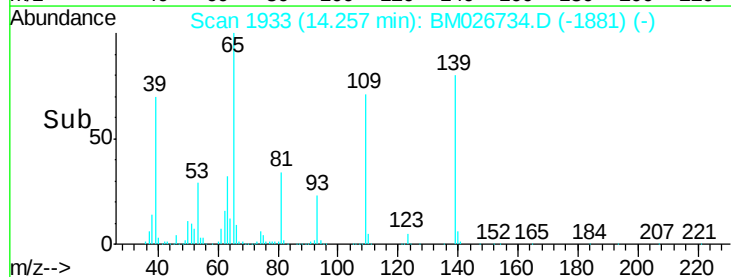
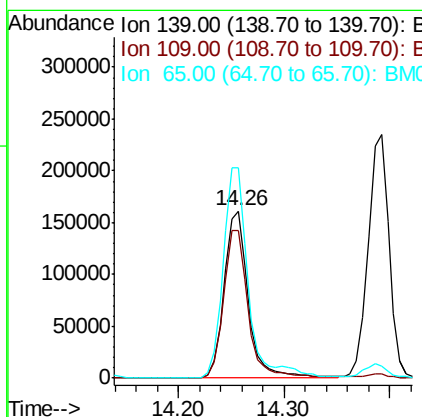
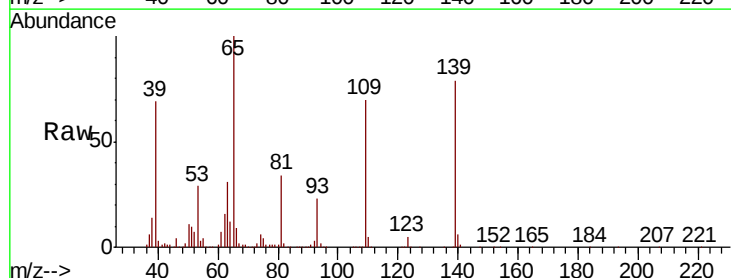
Manual Integrations
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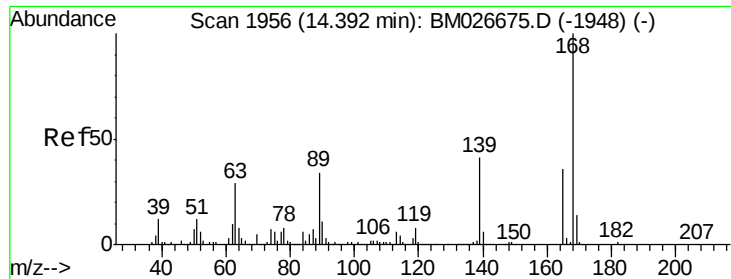
mohammad
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#56
4-Nitrophenol
Concen: 83.143 ng
RT: 14.26 min Scan# 1933
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	88.3	73.7	113.7
65	126.4	111.5	151.5





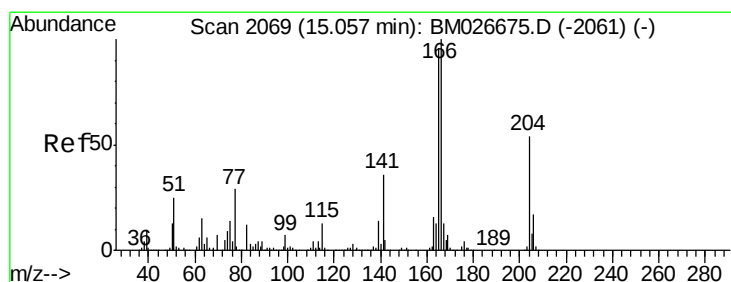
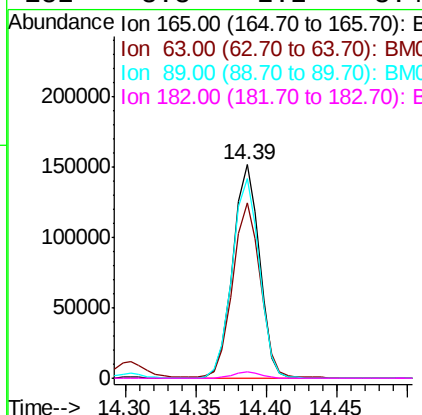
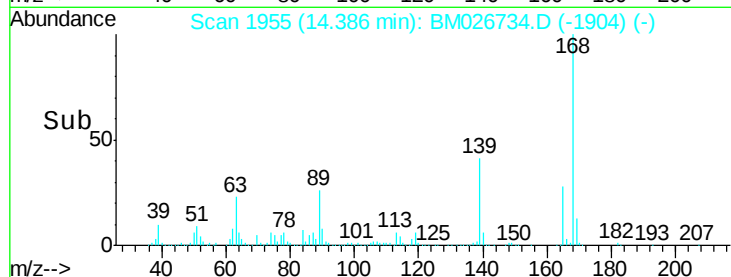
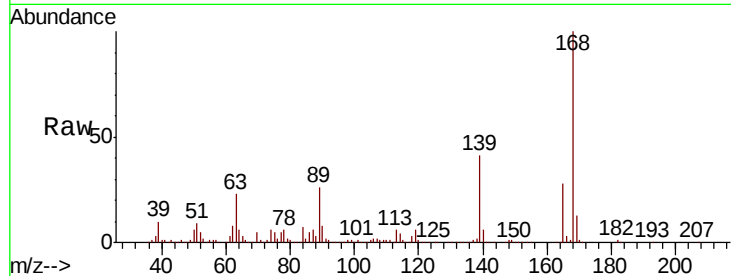
#57
 2,4-Dinitrotoluene
 Concen: 41.108 ng
 RT: 14.39 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200458		
63	82.4	64.6	97.0	
89	93.6	75.4	113.2	
182	3.3	2.2	3.4	

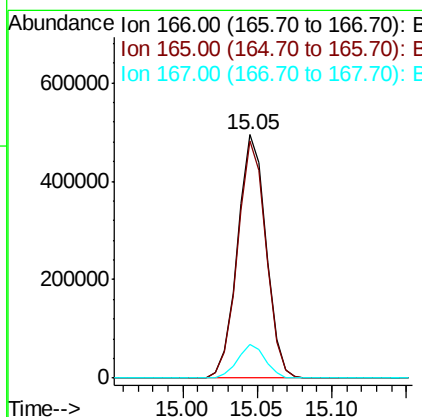
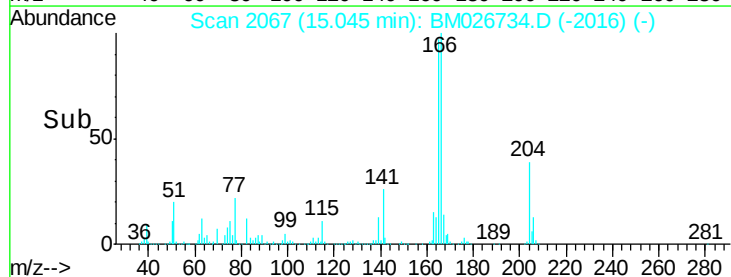
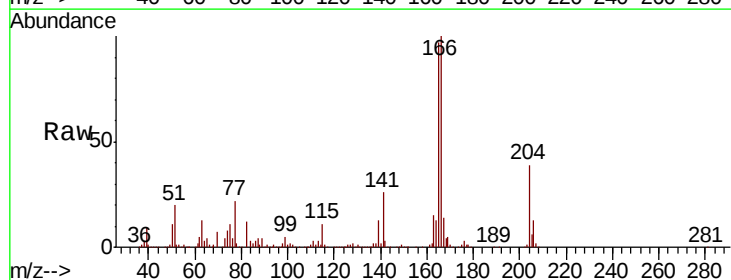
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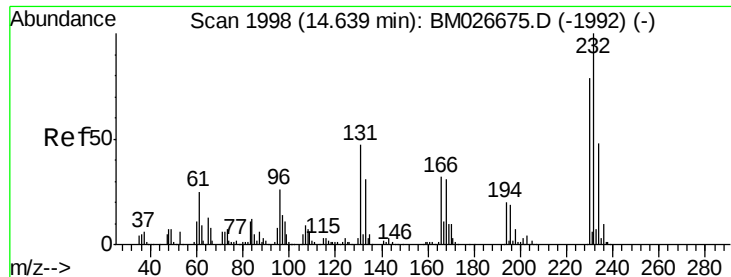
mohammad
 7/13/2020 1:02:49 PM



#58
 Fluorene
 Concen: 42.423 ng
 RT: 15.05 min Scan# 2067
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	658608		
165	97.3	77.1	115.7	
167	13.7	10.8	16.2	





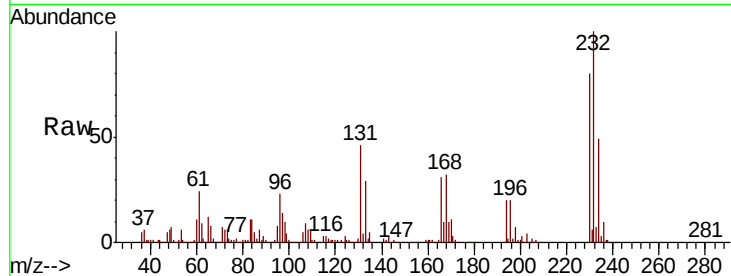
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.809 ng
 RT: 14.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.5	38.4	57.6
130	2.7	2.2	3.2
166	32.1	25.4	38.0

Manual Integrations
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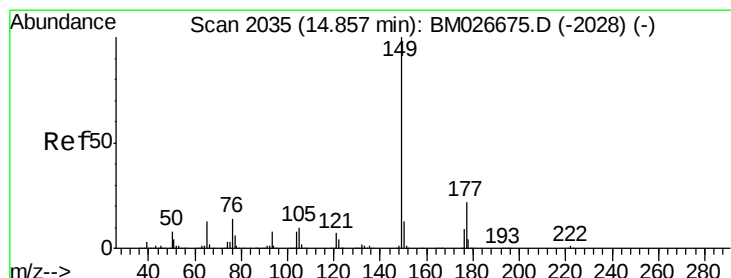
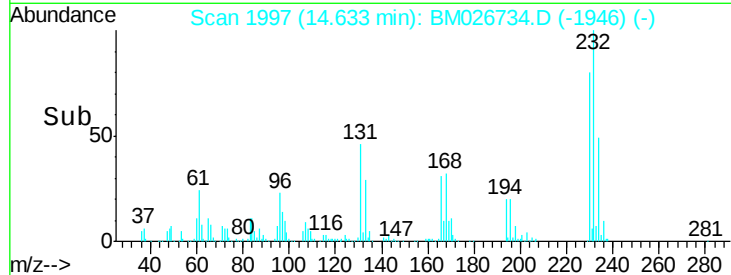
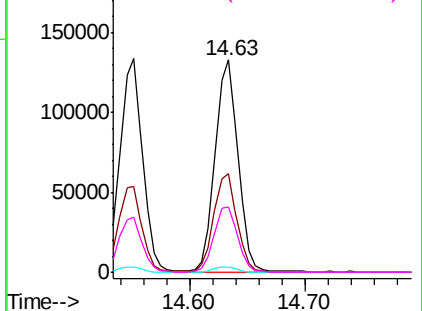
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

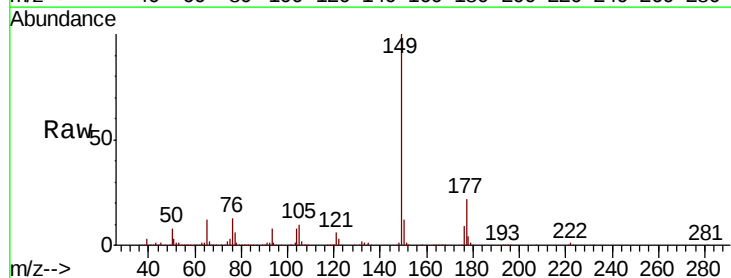
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.085 ng
 RT: 14.85 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.3	10.2	15.4

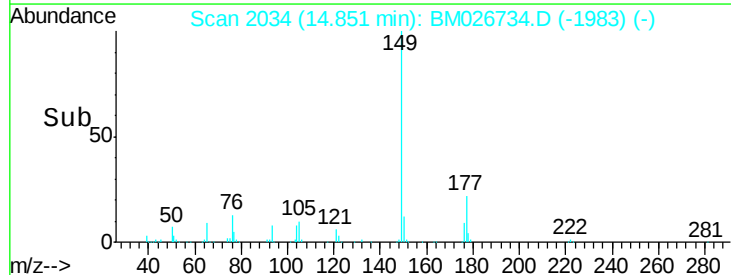
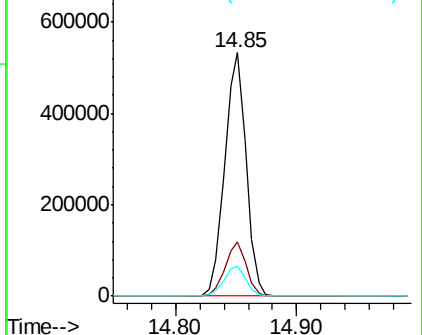


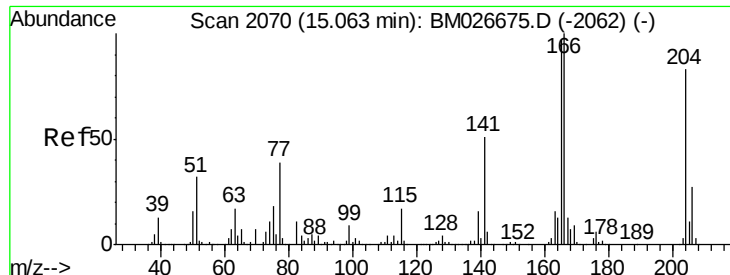
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





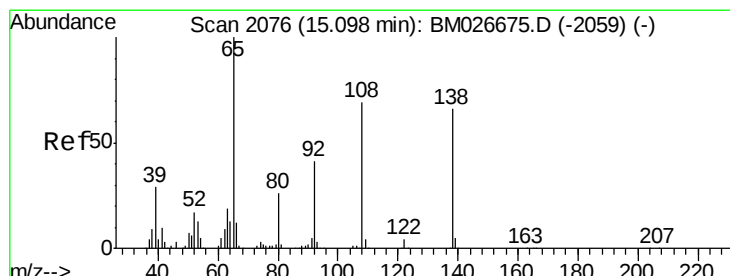
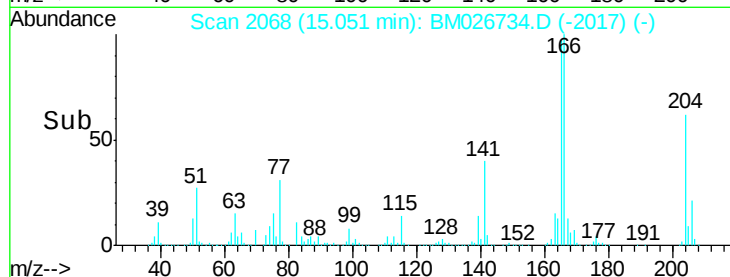
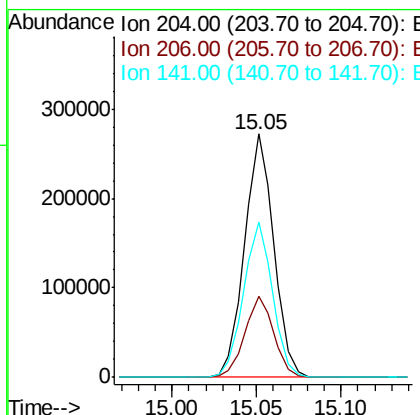
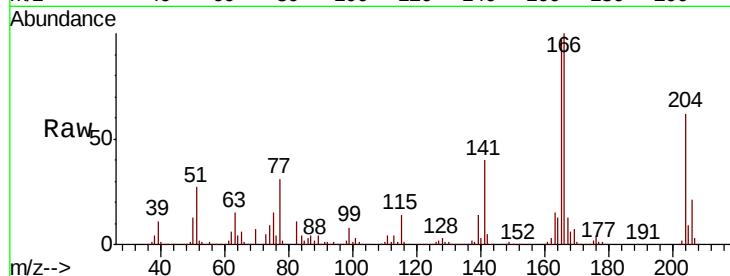
#61
4-Chlorophenyl-phenylether
Concen: 39.010 ng
RT: 15.05 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	63.9	49.5	74.3

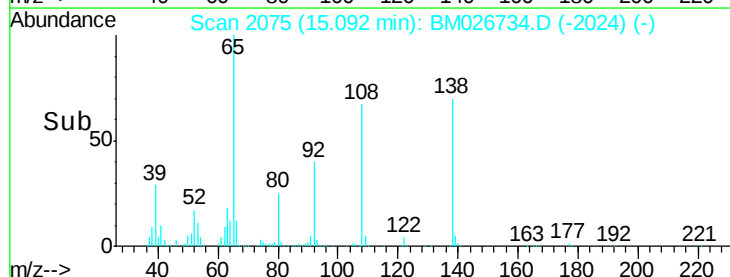
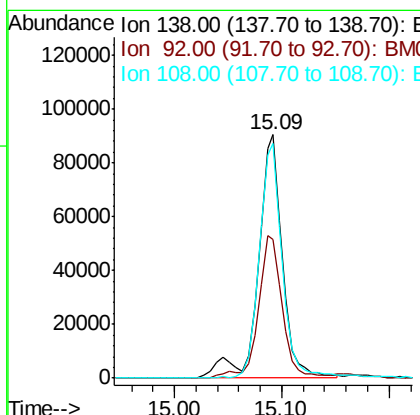
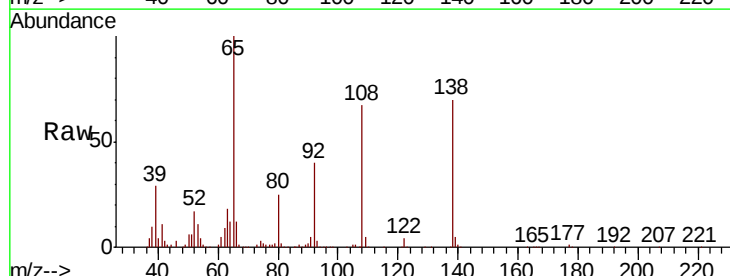
Manual Integrations
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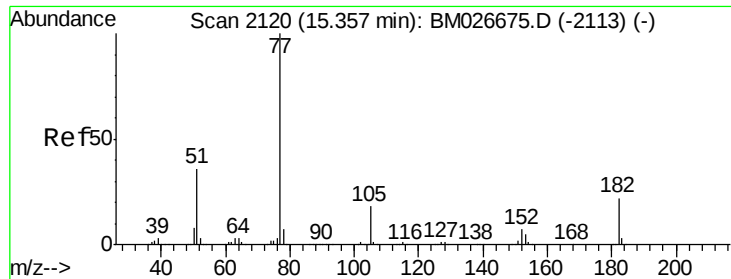
mohammad
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#62
4-Nitroaniline
Concen: 36.170 ng m
RT: 15.09 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.0	41.5	81.5
108	96.2	84.8	124.8





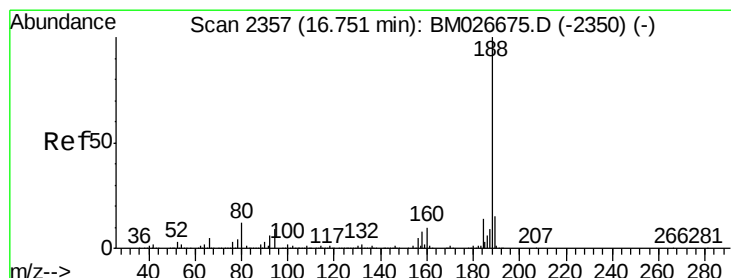
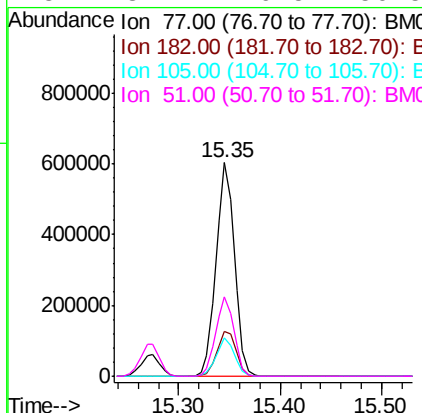
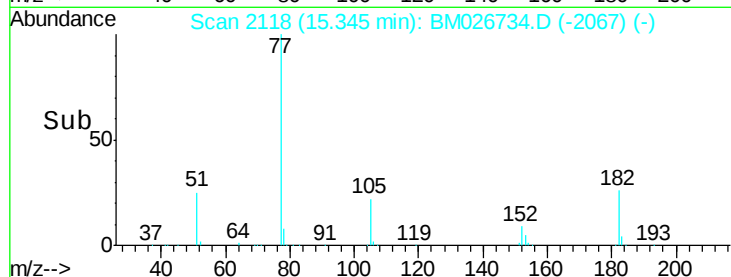
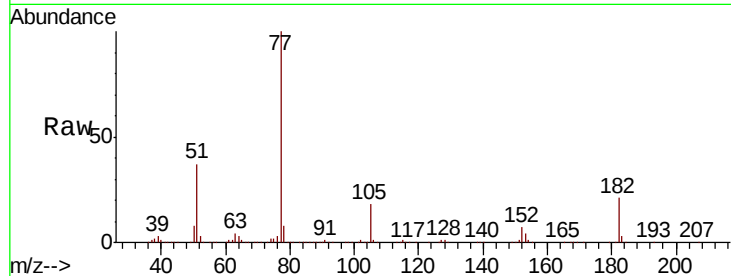
#63
Azobenzene
Concen: 41.533 ng
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.0	1.6	41.6	
105	18.0	0.0	37.8	
51	37.2	16.5	56.5	

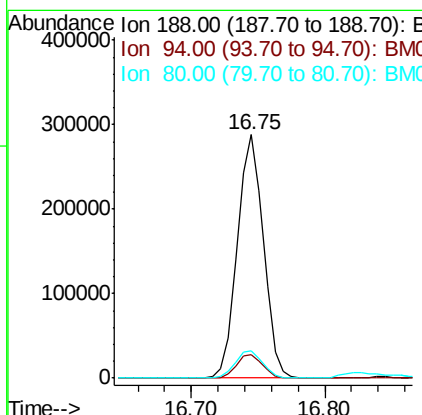
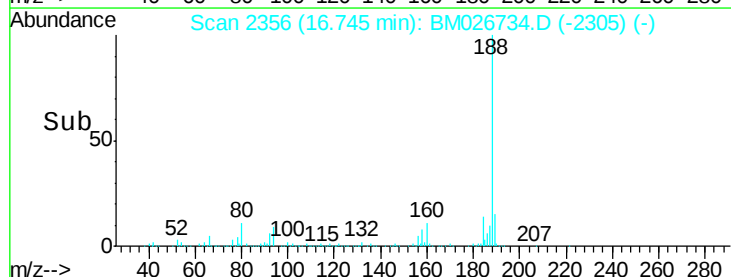
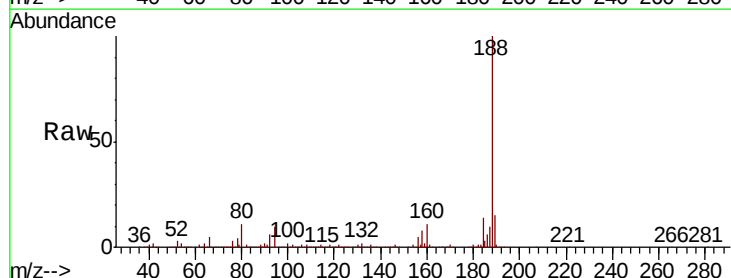
Manual Integrations
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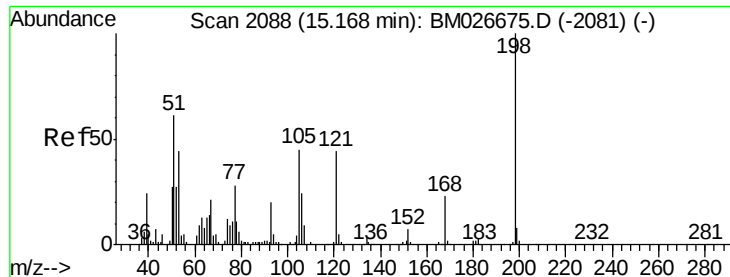
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.75 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	7.4	11.0	
80	11.4	9.3	13.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 19.323 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

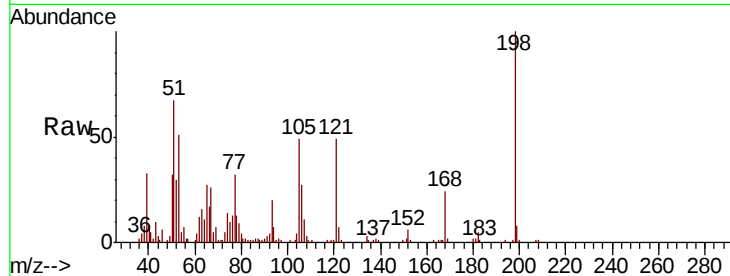
ClientSampleId :

OR-02-070820MSD

Tot Ion:	198	Resp:	46681
Ion Ratio	Lower	Upper	
198	100		
51	66.8	42.0	82.0
105	48.9	24.9	64.9

Manual Integrations
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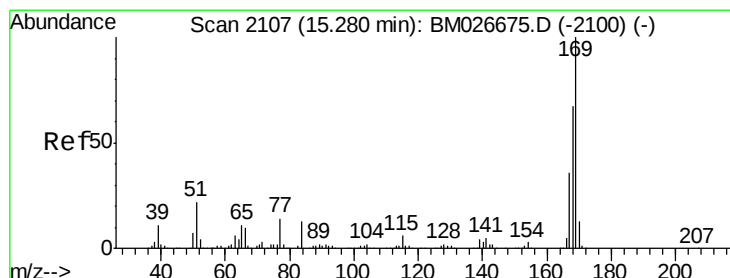
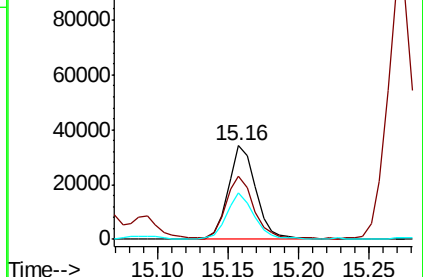
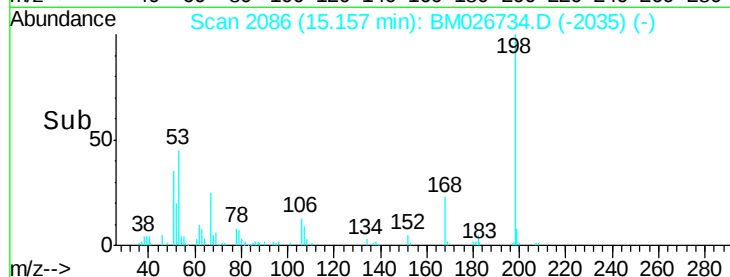
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.369 ng

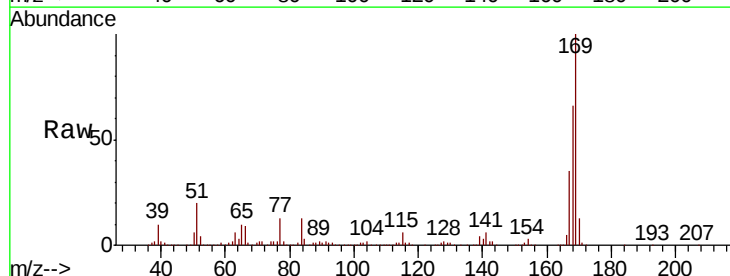
RT: 15.27 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

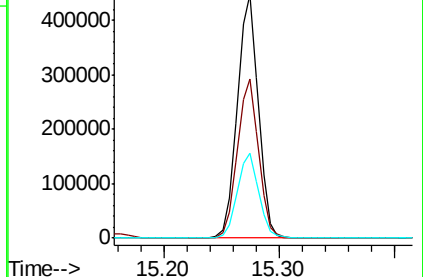
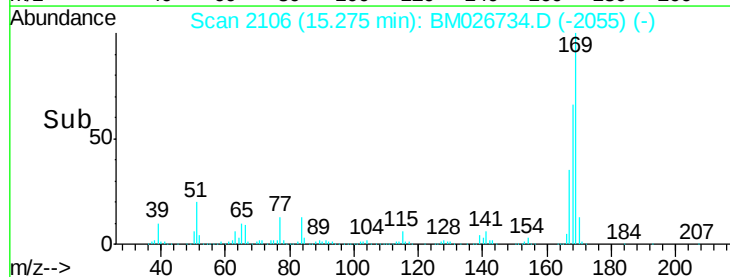
Tgt Ion:	169	Resp:	561861
Ion Ratio	Lower	Upper	
169	100		
168	65.6	53.8	80.8
167	35.0	28.6	43.0

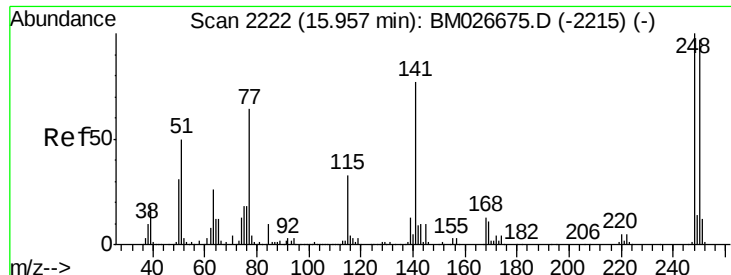


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





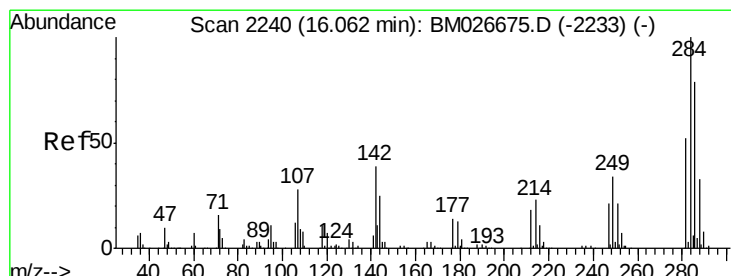
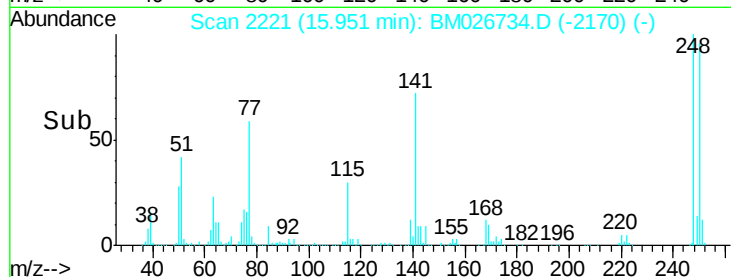
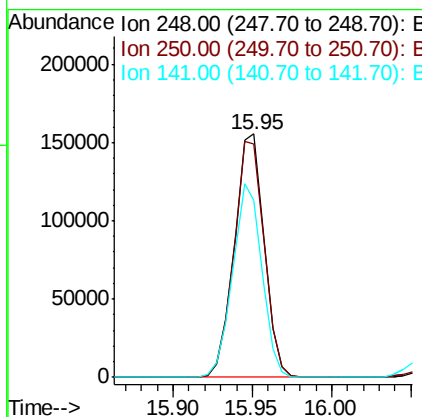
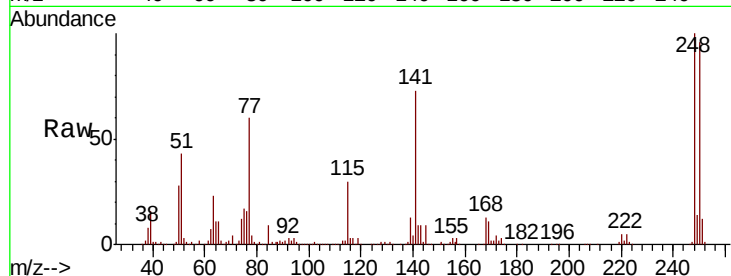
#67
 4-Bromophenyl-phenylether
 Concen: 41.725 ng
 RT: 15.95 min Scan# 2221
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	72.5	61.9	92.9

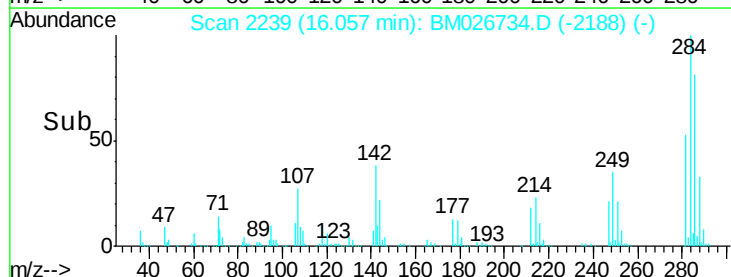
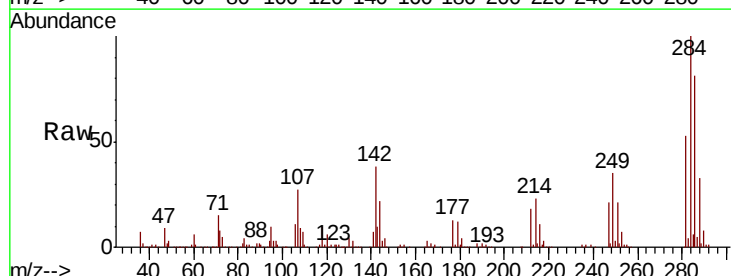
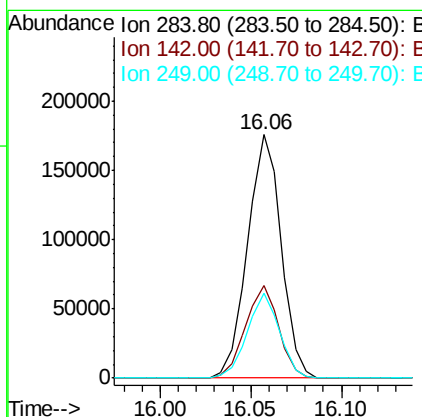
Manual Integrations
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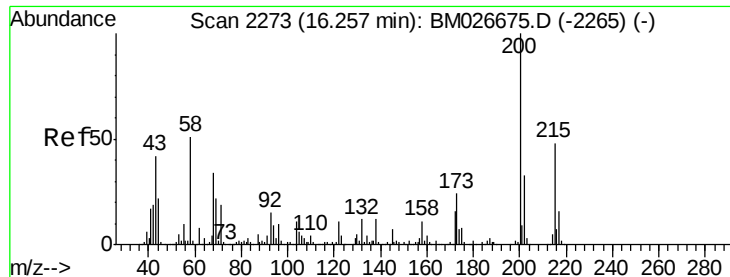
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.373 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	31.1	46.7
249	34.7	27.4	41.0





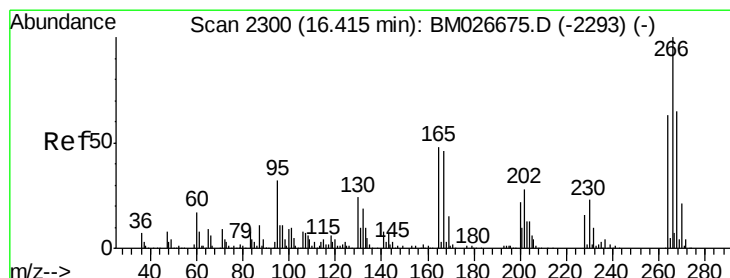
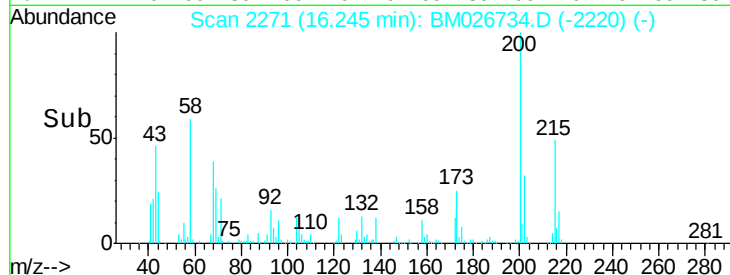
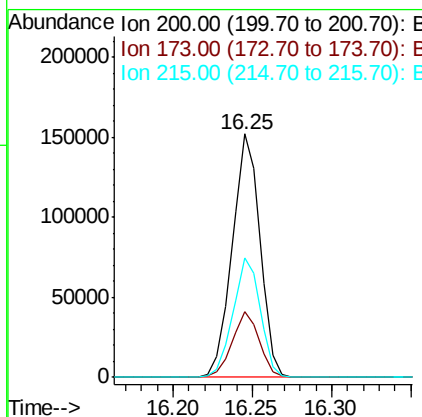
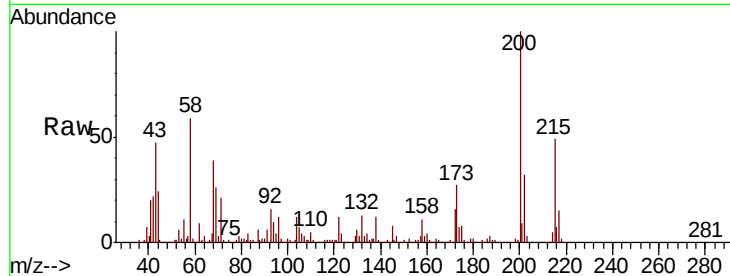
#69
 Atrazine
 Concen: 49.371 ng
 RT: 16.25 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.9	4.5	44.5	
215	49.0	28.4	68.4	

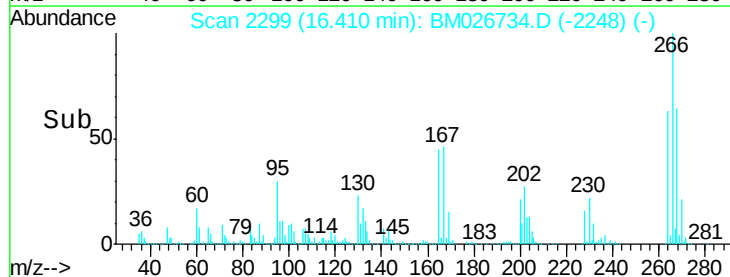
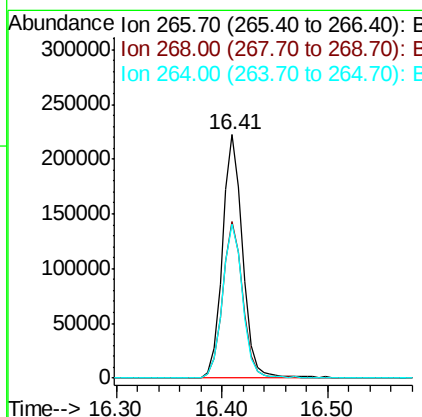
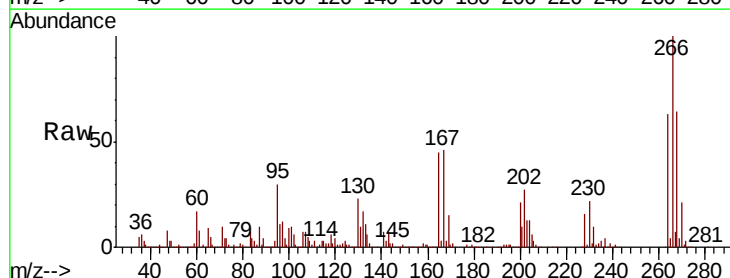
Manual Integrations
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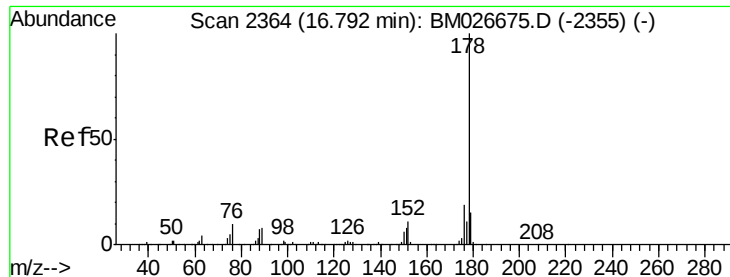
mohammad
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#70
 Pentachlorophenol
 Concen: 102.360 ng
 RT: 16.41 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.1	51.8	77.6	
264	63.1	50.1	75.1	





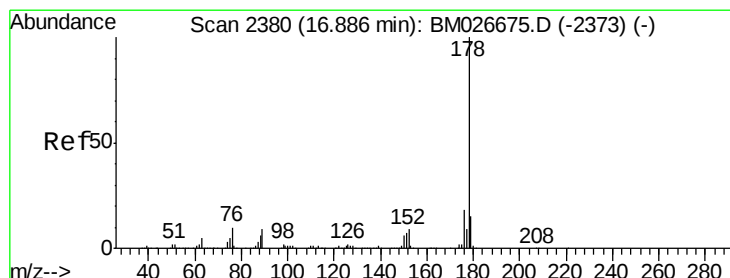
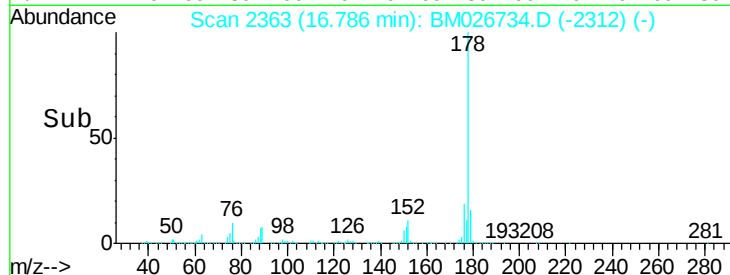
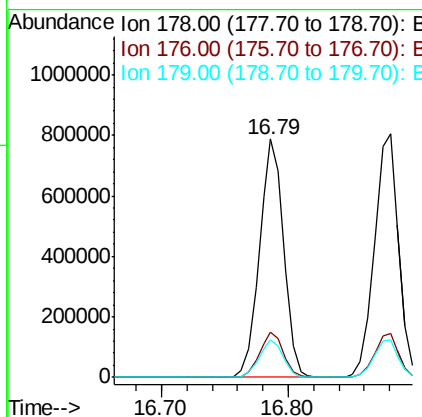
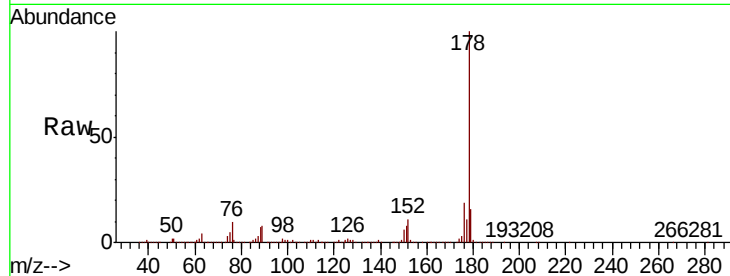
#71
Phenanthrene
Concen: 45.506 ng
RT: 16.79 min Scan# 2363
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.7	12.1	18.1

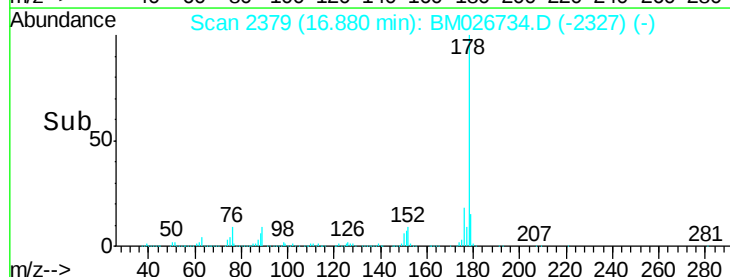
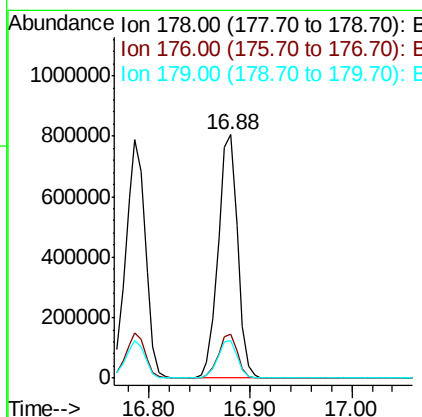
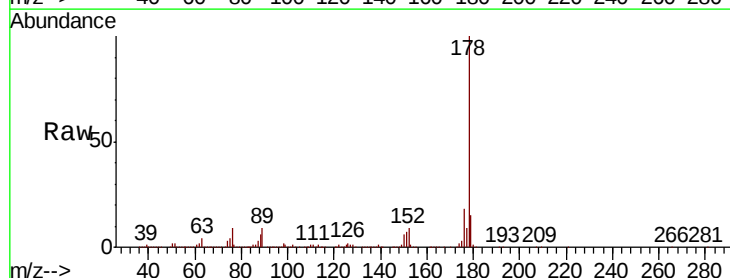
Manual Integrations
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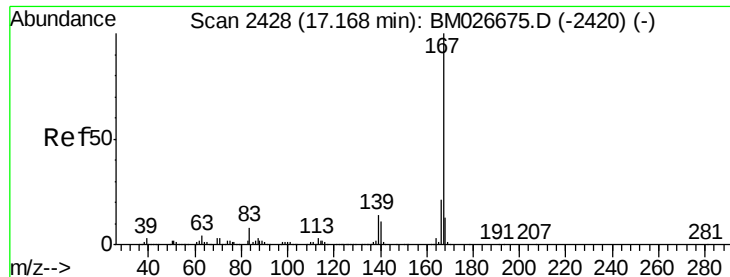
mohammad
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#72
Anthracene
Concen: 46.729 ng
RT: 16.88 min Scan# 2379
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.2	12.1	18.1





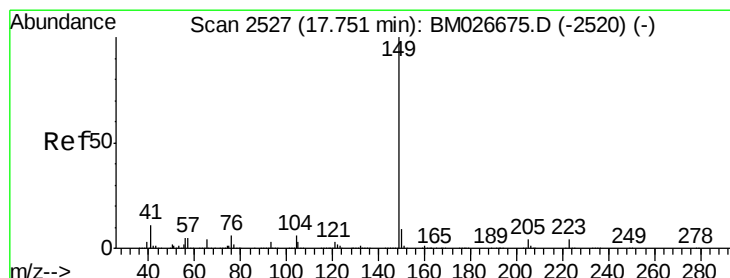
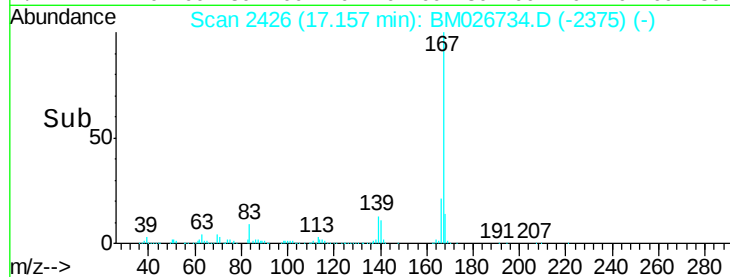
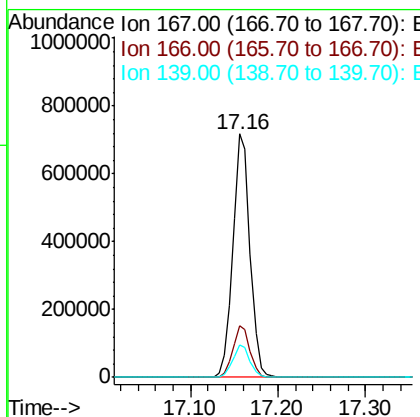
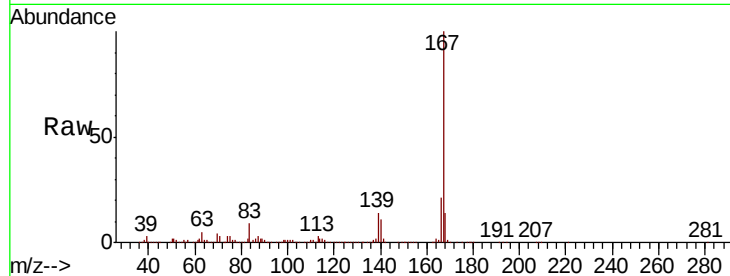
#73
 Carbazole
 Concen: 43.743 ng
 RT: 17.16 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.9	25.3
139	13.6	10.8	16.2

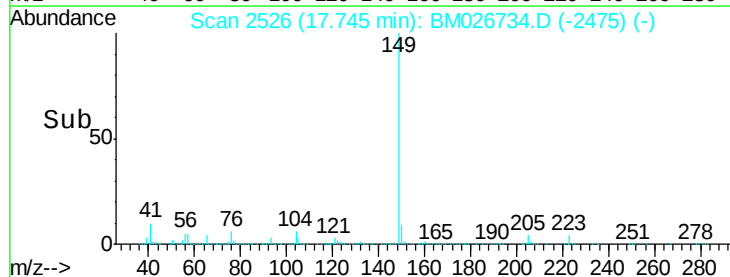
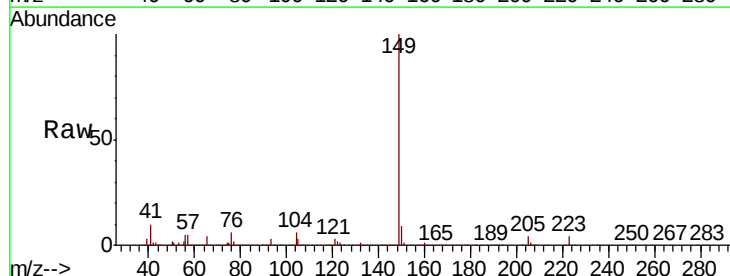
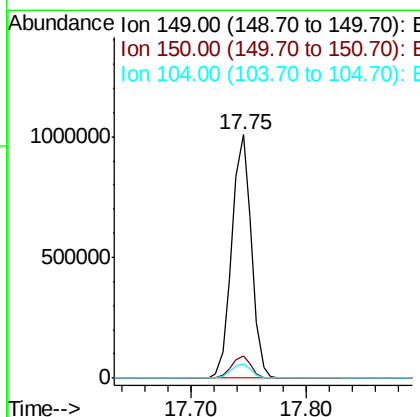
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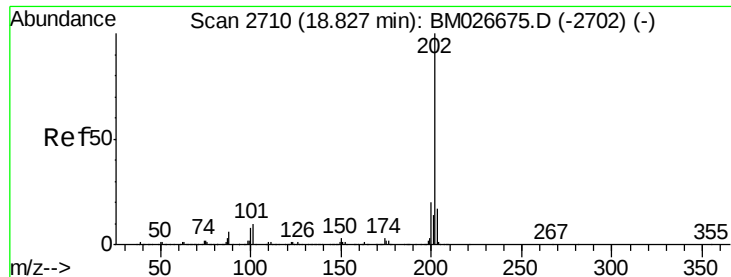
mohammad
 7/13/2020 1:02:49 PM



#74
 Di-n-butylphthalate
 Concen: 42.912 ng
 RT: 17.75 min Scan# 2526
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	6.0	5.0	7.4





#75

Fluoranthene

Concen: 45.642 ng

RT: 18.82 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

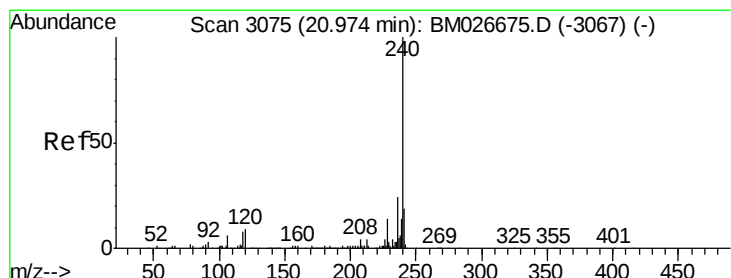
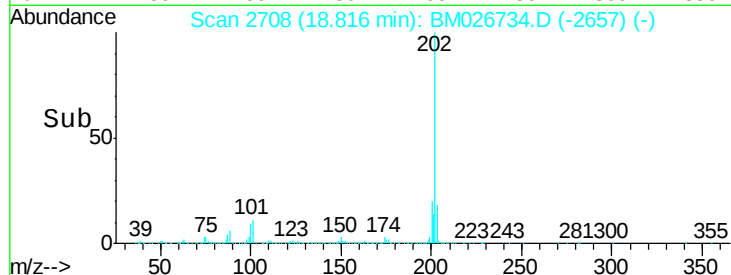
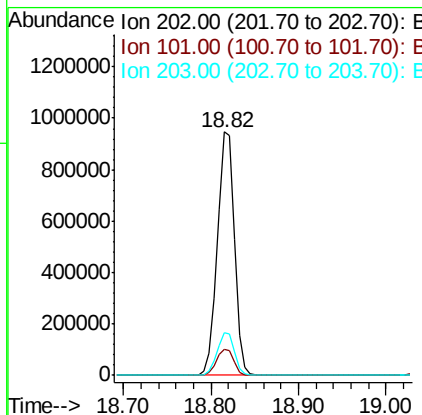
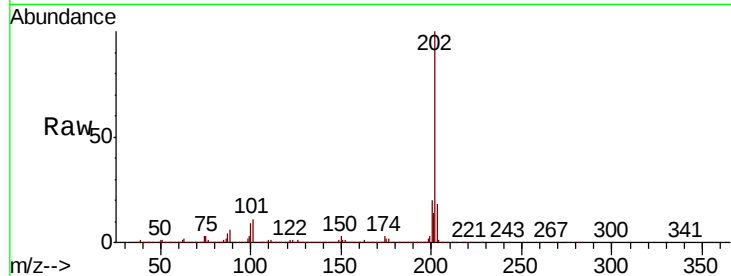
ClientSampleId :

OR-02-070820MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1293312		
101	10.9		0.0	30.1
203	17.6		0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

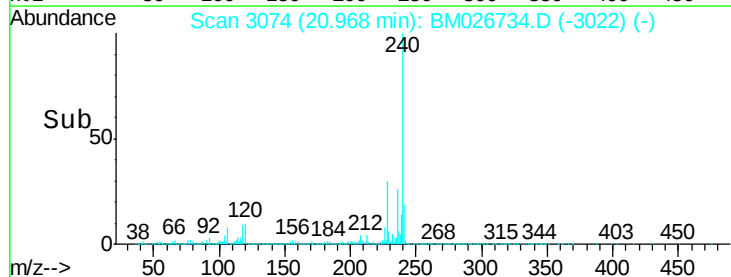
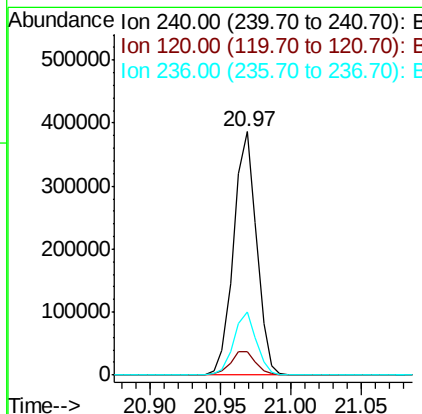
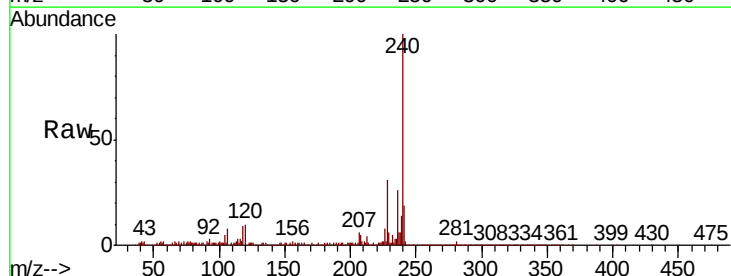
RT: 20.97 min Scan# 3074

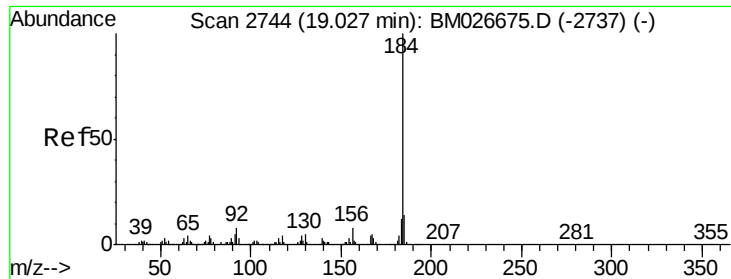
Delta R.T. 0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	438863		
120	9.8		7.3	10.9
236	26.1		19.4	29.2





#77

Benzidine

Concen: 99.024 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

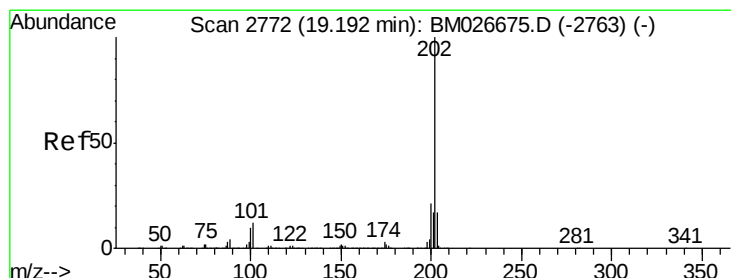
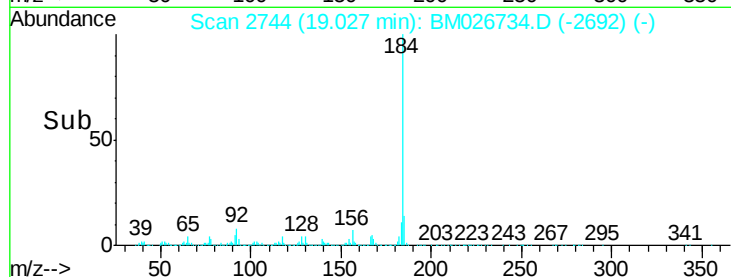
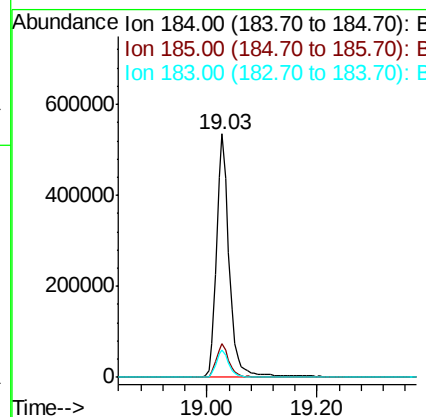
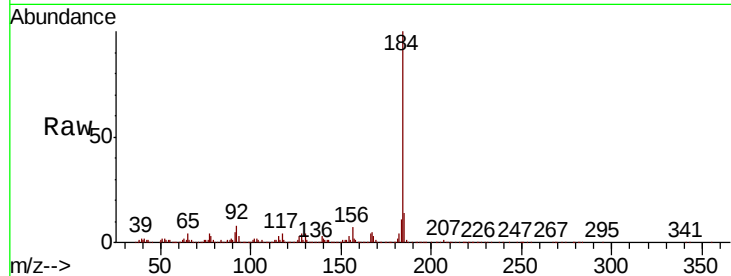
ClientSampleId :

OR-02-070820MSD

Tot Ion:	184	Resp:	856769
Ion Ratio	Lower	Upper	
184	100		
185	13.7	10.9	16.3
183	11.5	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 47.699 ng

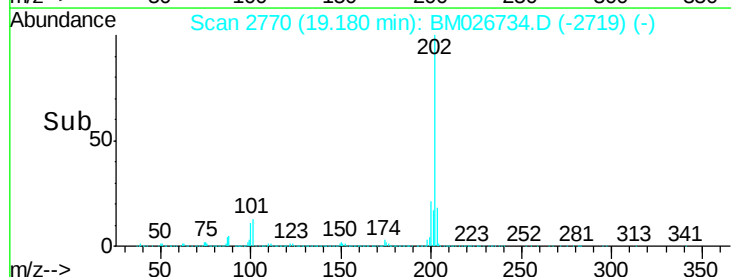
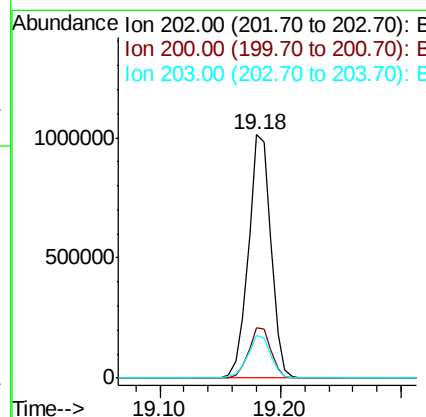
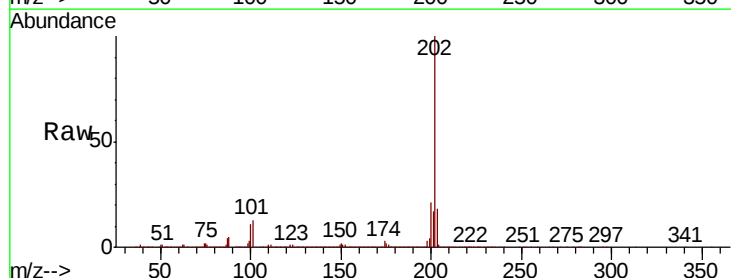
RT: 19.18 min Scan# 2770

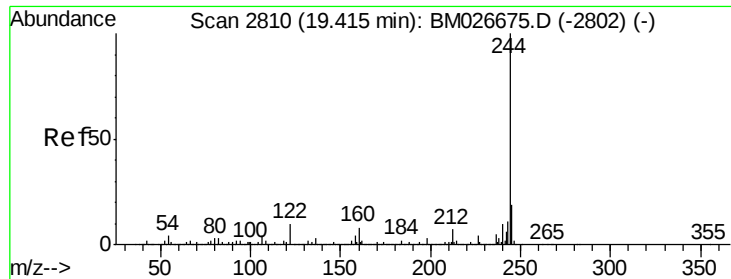
Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Tgt Ion:	202	Resp:	1318682
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.6	24.8
203	17.6	13.7	20.5





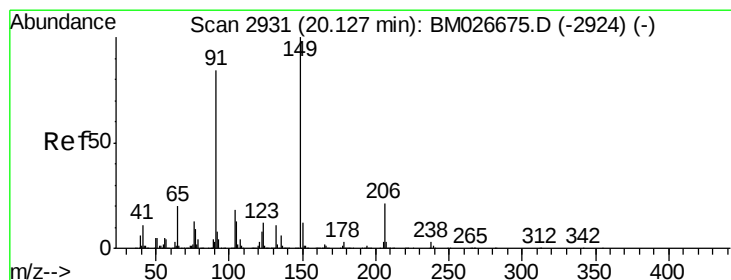
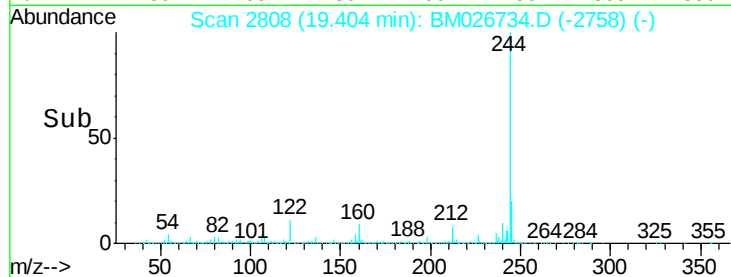
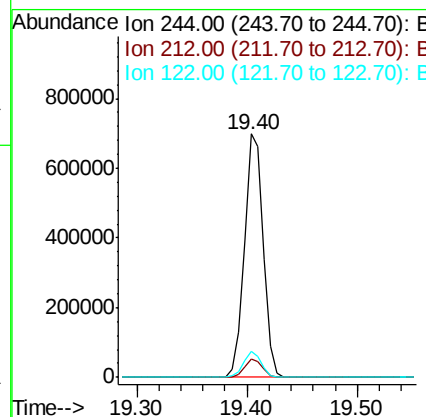
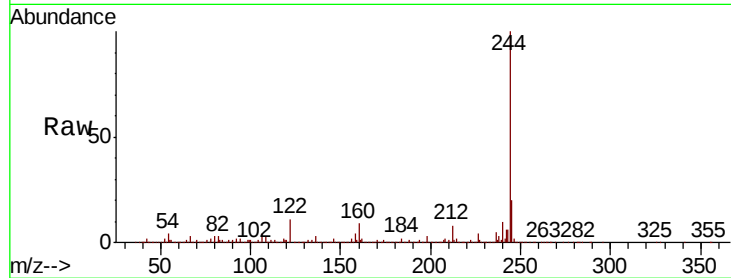
#79
 Terphenyl-d14
 Concen: 37.447 ng
 RT: 19.40 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.6	8.2	12.4

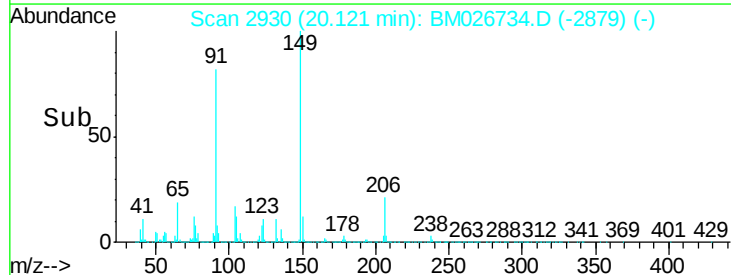
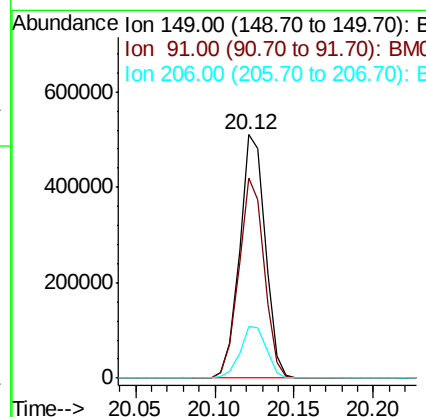
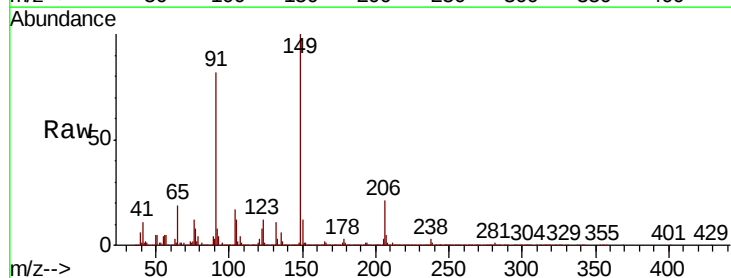
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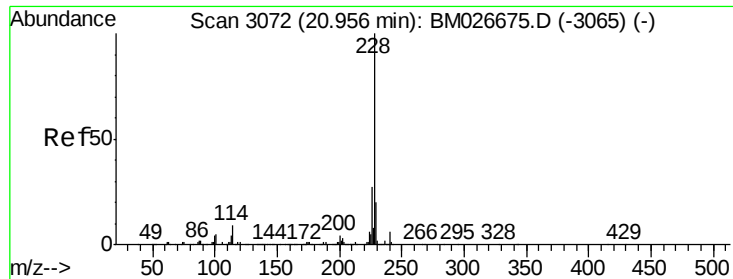
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.071 ng
 RT: 20.12 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.2	67.6	101.4
206	21.0	16.7	25.1





#81

Benzo(a)anthracene

Concen: 45.409 ng

RT: 20.95 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

ClientSampleId :

OR-02-070820MSD

Tot Ion:228 Resp: 1338645

Ion Ratio Lower Upper

228 100

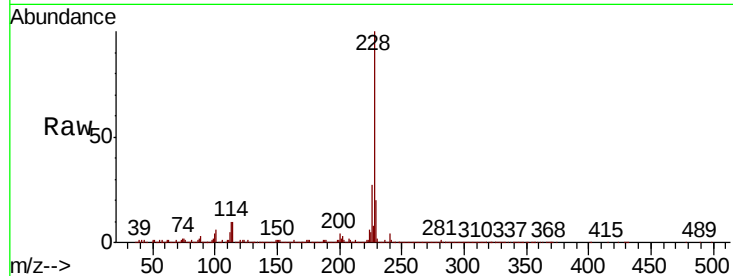
226 26.5 21.4 32.2

229 19.7 15.6 23.4

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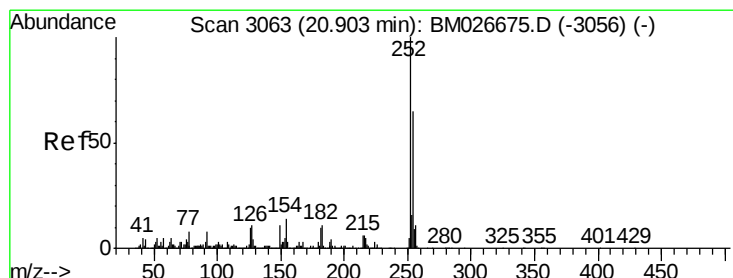
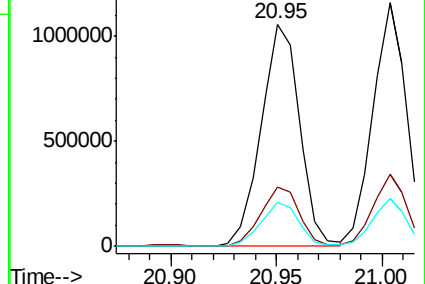
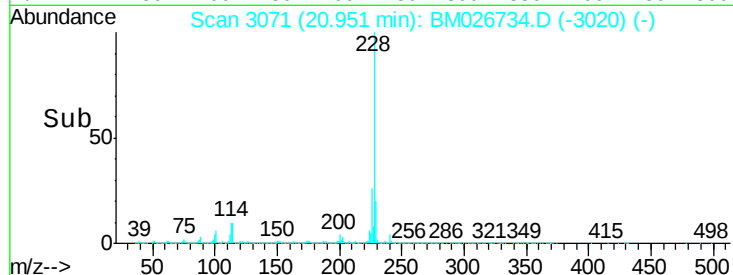
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.260 ng

RT: 20.90 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

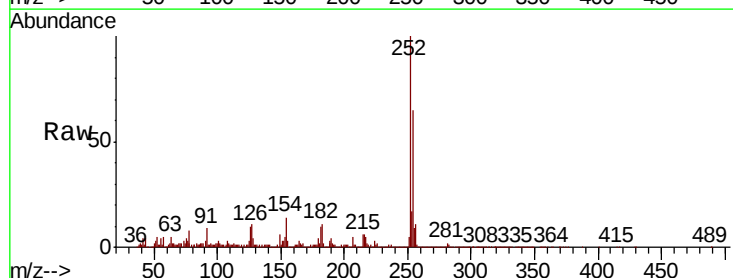
Tgt Ion:252 Resp: 460899

Ion Ratio Lower Upper

252 100

254 65.1 51.9 77.9

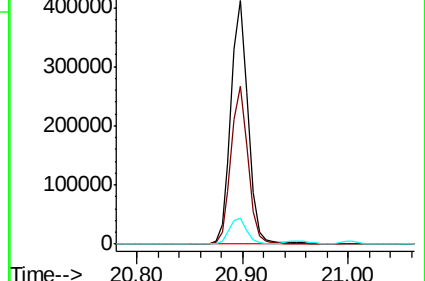
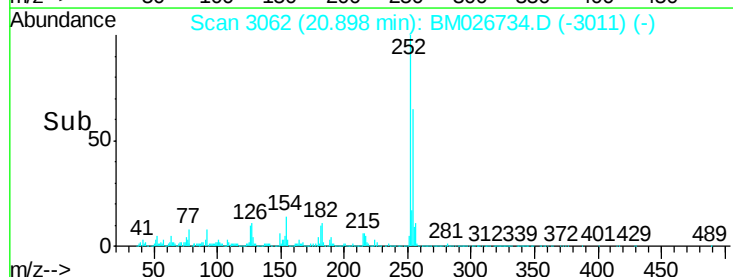
126 10.5 8.2 12.2

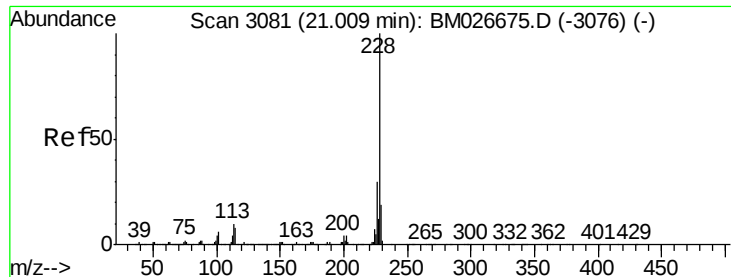


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.972 ng

RT: 21.00 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

Instrument :

BNA_M

ClientSampleId :

OR-02-070820MSD

Tot Ion:228 Resp: 1290369

Ion Ratio Lower Upper

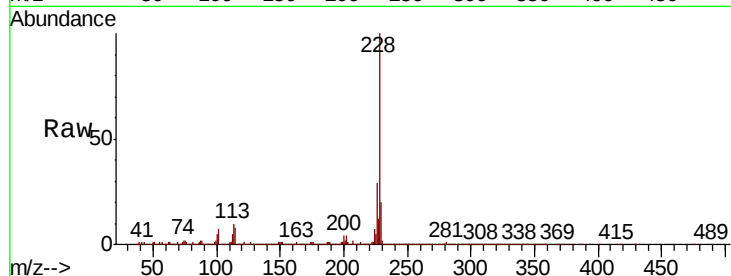
228 100

226 29.4 23.7 35.5

229 19.6 15.4 23.0

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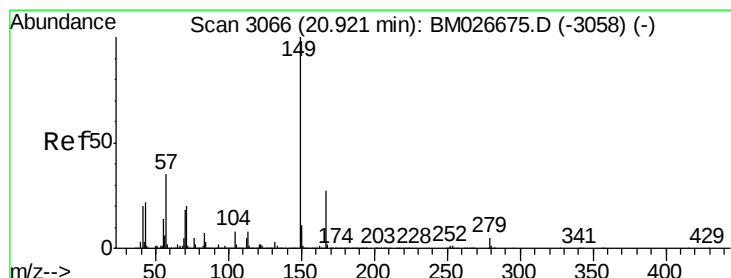
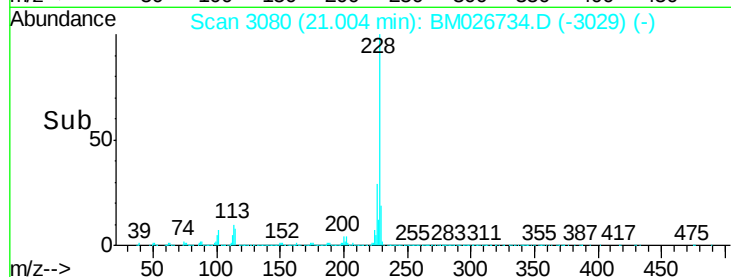
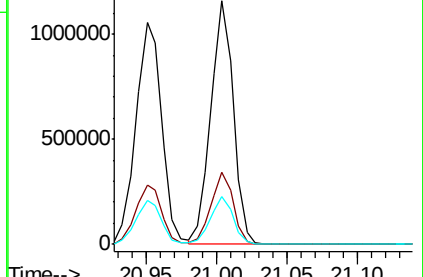
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.074 ng

RT: 20.92 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BM026734.D

Acq: 10 Jul 2020 15:11

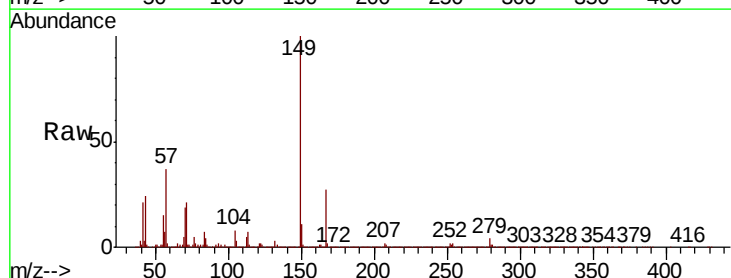
Tgt Ion:149 Resp: 875955

Ion Ratio Lower Upper

149 100

167 27.0 21.9 32.9

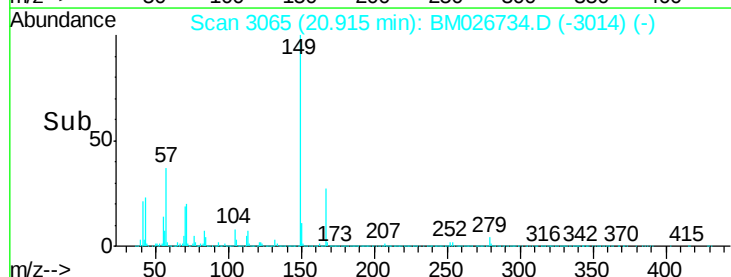
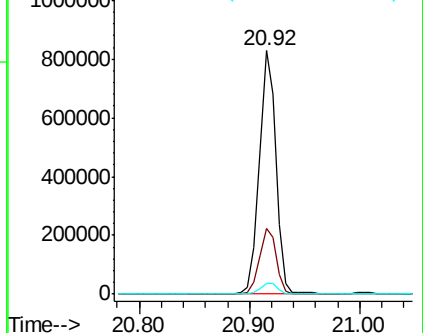
279 4.5 3.7 5.5

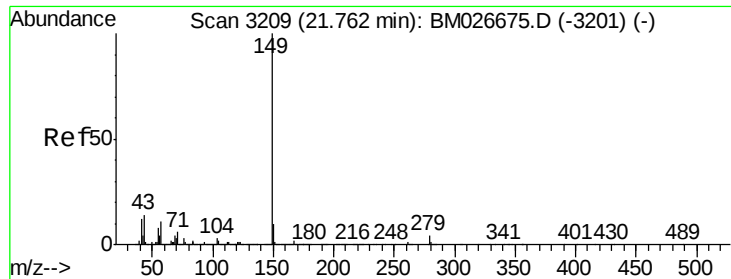


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





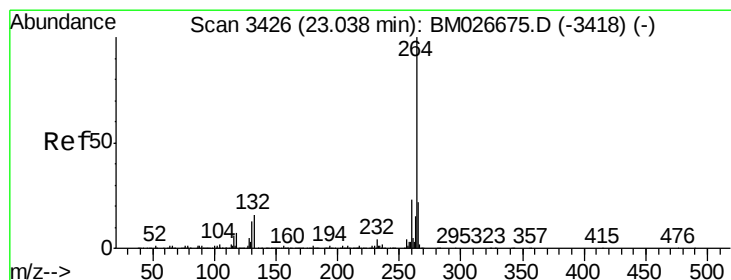
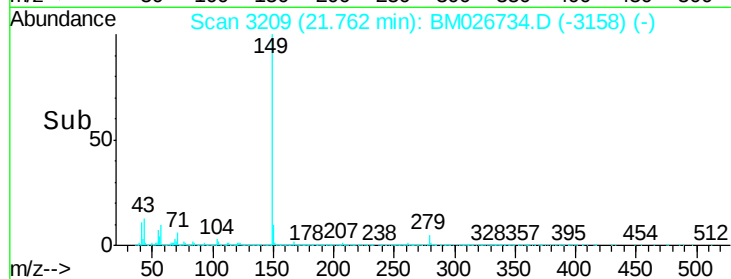
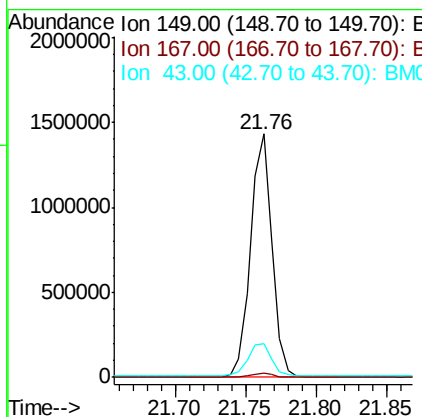
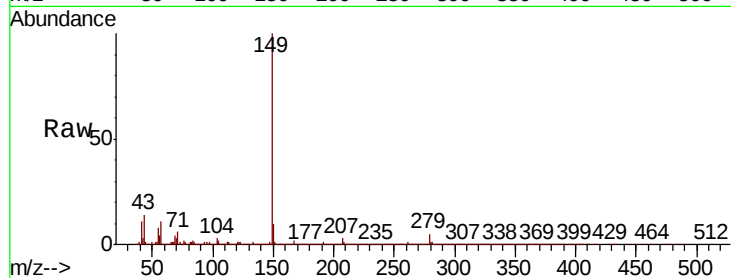
#85
Di-n-octyl phthalate
Concen: 44.676 ng
RT: 21.76 min Scan# 3209
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	14.3	11.2	16.8

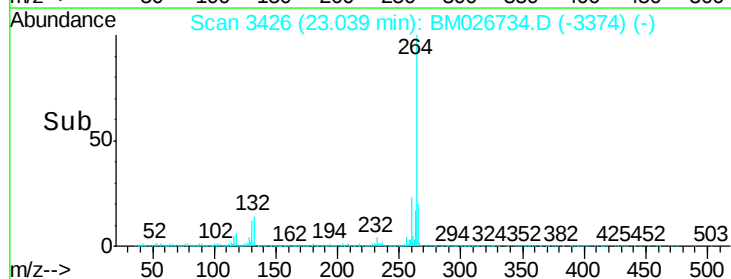
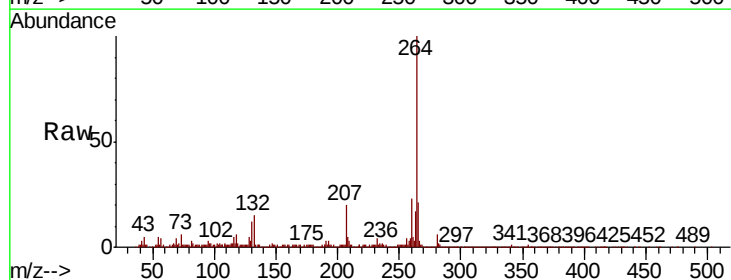
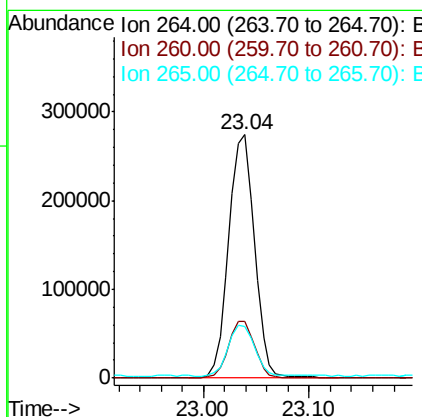
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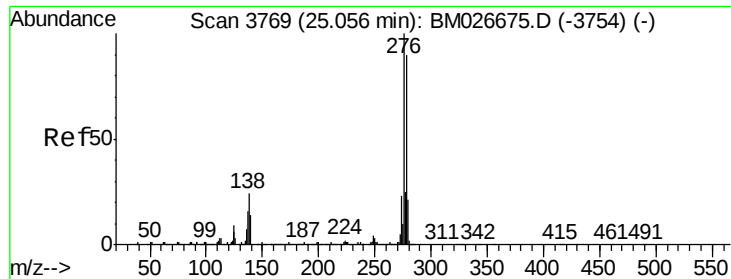
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.3	17.6	26.4





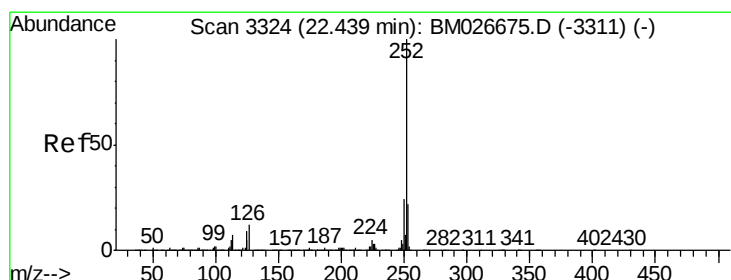
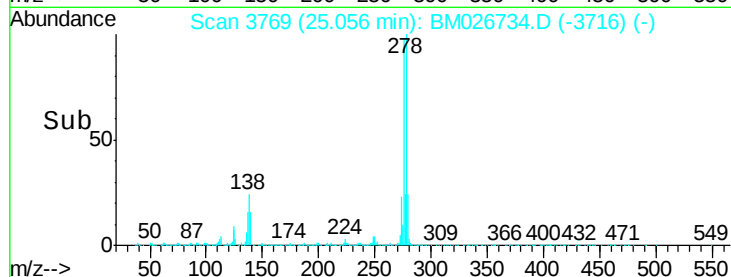
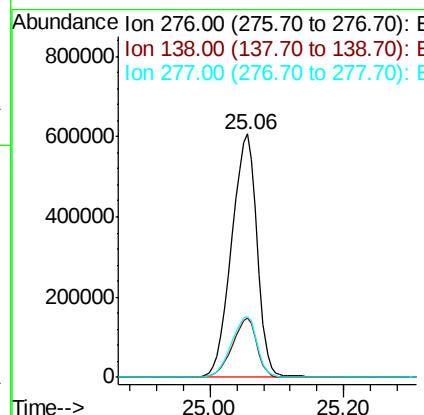
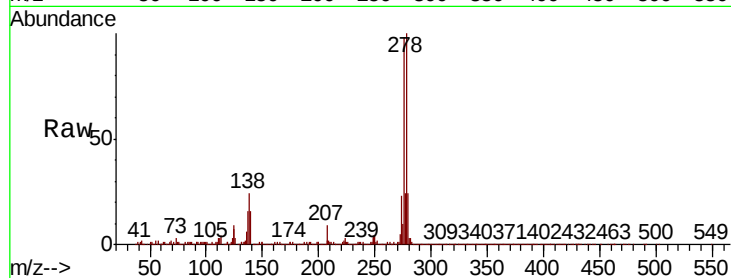
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.516 ng
 RT: 25.06 min Scan# 3769
 Delta R.T. 0.01 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.4	27.6
277	25.1	20.0	30.0

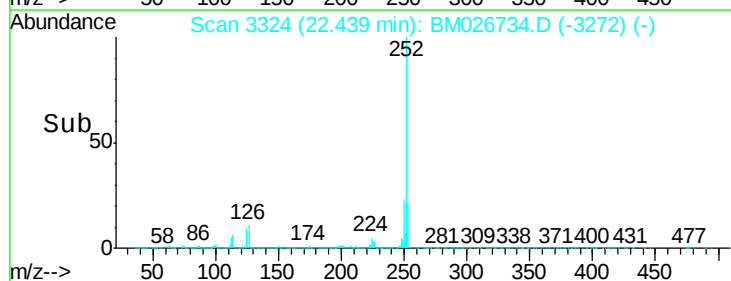
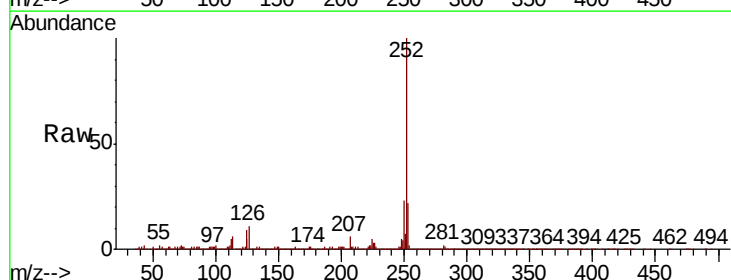
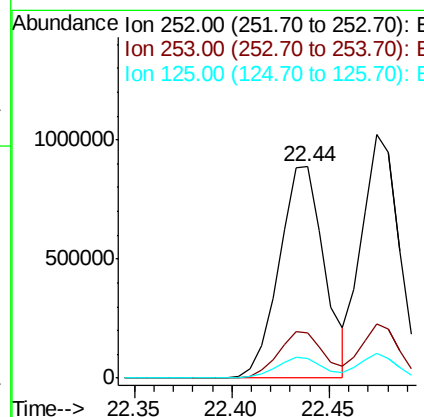
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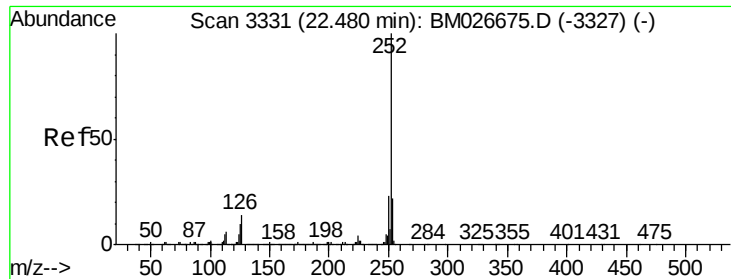
mohammad
 7/13/2020 1:02:49 PM



#88
 Benzo(b)fluoranthene
 Concen: 46.795 ng
 RT: 22.44 min Scan# 3324
 Delta R.T. 0.01 min
 Lab File: BM026734.D
 Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.1	7.5	11.3





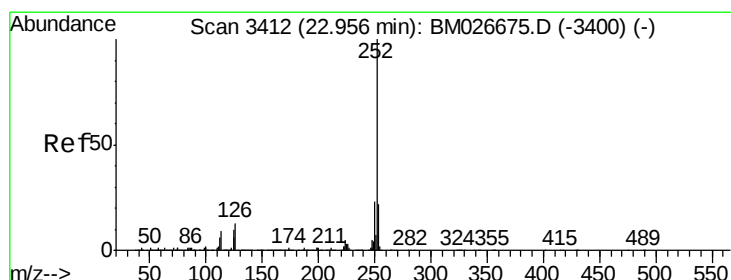
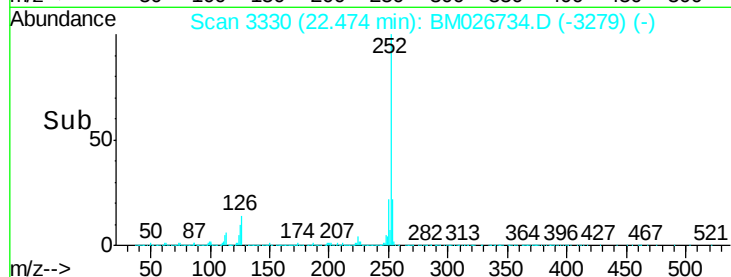
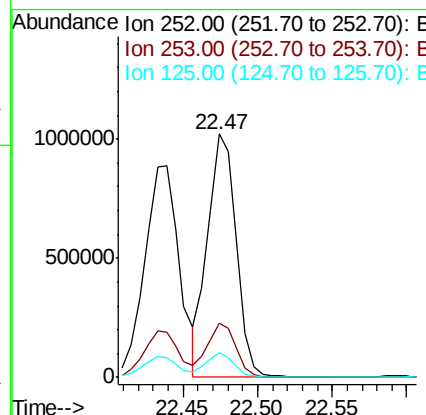
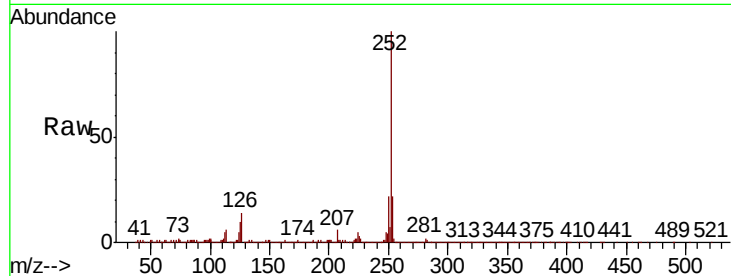
#89
Benzo(k)fluoranthene
Concen: 45.258 ng
RT: 22.47 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.2	7.8	11.8

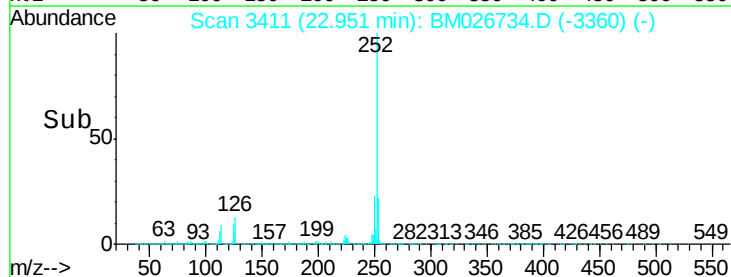
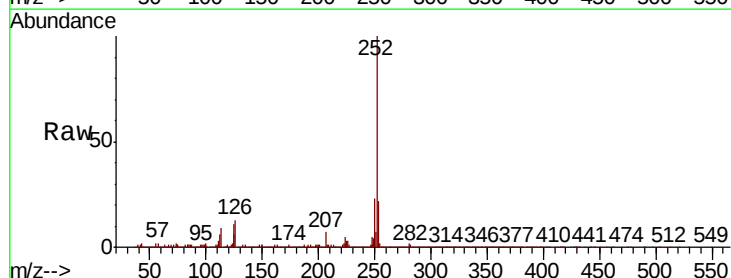
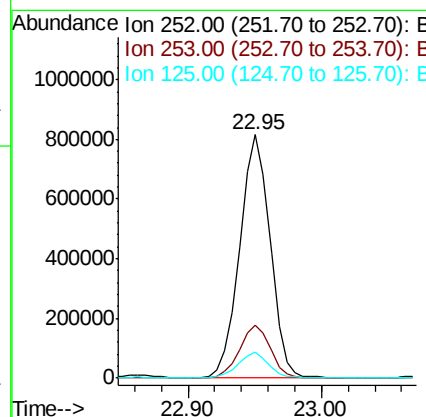
Manual Integrations
APPROVED

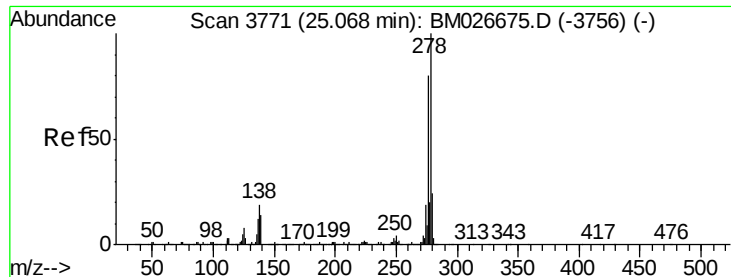
mohammad
7/13/2020 1:02:49 PM



#90
Benzo(a)pyrene
Concen: 45.459 ng
RT: 22.95 min Scan# 3411
Delta R.T. 0.00 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.6	8.2	12.4





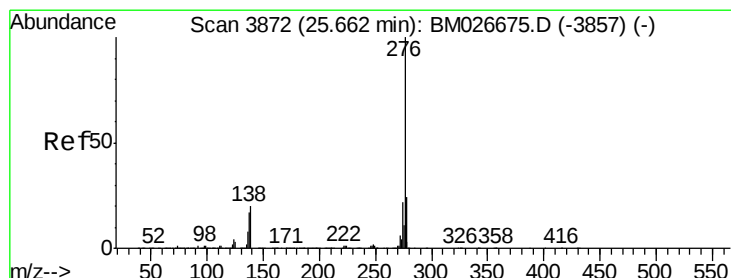
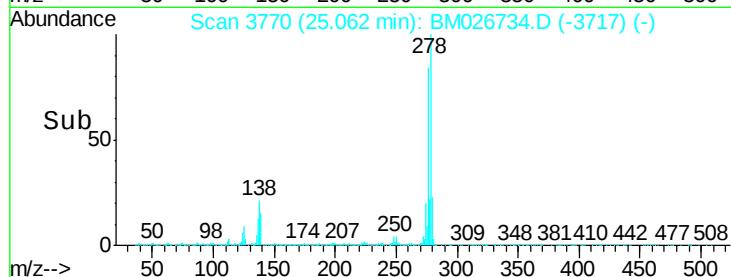
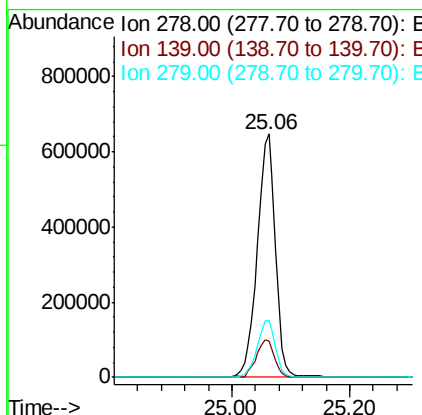
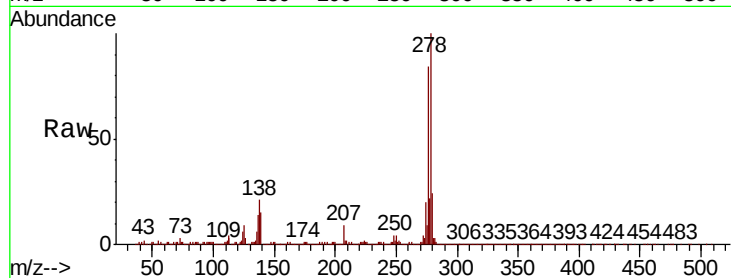
#91
Dibenzo(a,h)anthracene
Concen: 49.538 ng
RT: 25.06 min Scan# 3770
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.2	16.8
279	23.5	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/13/2020 1:02:49 PM



#92
Benzo(g,h,i)perylene
Concen: 51.594 ng
RT: 25.66 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BM026734.D
Acq: 10 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.9	15.8	23.8

