

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020734.D
 Acq On : 05 Jun 2019 13:43
 Operator : HP/JU
 Sample : PB120099BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:43:29 PM

Quant Time: Jun 05 18:40:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	319972	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	1231372	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	639318	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1186689	20.00	ng	0.00
76) Chrysene-d12	21.38	240	977164	20.00	ng	0.00
87) Perylene-d12	23.67	264	1153657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	2502931	137.60	ng	0.00
7) Phenol-d6	6.99	99	3250521	121.36	ng	0.00
23) Nitrobenzene-d5	8.99	82	1959952	82.47	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1060120	133.83	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4308541	89.60	ng	0.00
79) Terphenyl-d14	19.83	244	4604802	78.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	307657	41.311	ng	98
3) Pyridine	3.74	79	865345	36.521	ng	99
4) n-Nitrosodimethylamine	3.66	42	397472	38.913	ng	99
6) Aniline	7.16	93	1112682	28.711	ng	99
8) 2-Chlorophenol	7.39	128	970397	42.883	ng	99
9) Benzaldehyde	6.97	77	303503m	15.806	ng	
10) Phenol	7.02	94	1183926	41.017	ng	100
11) bis(2-Chloroethyl)ether	7.26	93	871538	37.888	ng	99
12) 1,3-Dichlorobenzene	7.71	146	1021800	39.289	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1038720	39.287	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1000033	38.867	ng	99
15) Benzyl Alcohol	8.06	79	853147	36.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1181318	33.263	ng	99
17) 2-Methylphenol	8.26	107	784754	38.664	ng	99
18) Hexachloroethane	8.89	117	381382	37.676	ng	100
19) n-Nitroso-di-n-propylamine	8.63	70	718087	33.353	ng	99
20) 3+4-Methylphenols	8.59	107	1033391	37.422	ng	98
22) Acetophenone	8.65	105	1340284	42.846	ng	# 99
24) Nitrobenzene	9.03	77	1057252	43.576	ng	99
25) Isophorone	9.55	82	1850979	39.153	ng	98
26) 2-Nitrophenol	9.73	139	447473	49.486	ng	100
27) 2,4-Dimethylphenol	9.79	122	837193	49.410	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1145368	40.070	ng	99
29) 2,4-Dichlorophenol	10.26	162	854449	45.579	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	961811	44.620	ng	100
31) Naphthalene	10.66	128	2763904	43.649	ng	100
32) Benzoic acid	9.92	122	425036	40.725	ng	99
33) 4-Chloroaniline	10.77	127	405777	13.770	ng	99
34) Hexachlorobutadiene	10.94	225	557570	43.110	ng	99
35) Caprolactam	11.56	113	226987m	34.854	ng	
36) 4-Chloro-3-methylphenol	11.89	107	858152	39.373	ng	99
37) 2-Methylnaphthalene	12.27	142	1986798	42.331	ng	99
38) 1-Methylnaphthalene	12.49	142	1890817	42.309	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1025448	48.945	ng	99

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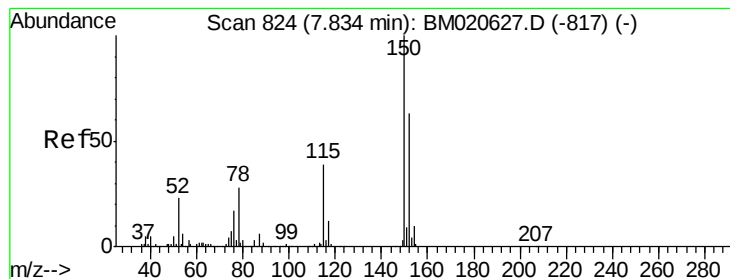
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1304376	104.098	nq	99
43) 2,4,6-Trichlorophenol	12.88	196	634201	47.027	nq	100
44) 2,4,5-Trichlorophenol	12.95	196	672451	48.299	nq	99
46) 1,1'-Biphenyl	13.29	154	2459176	46.057	nq	100
47) 2-Chloronaphthalene	13.33	162	1908624	44.290	nq	99
48) 2-Nitroaniline	13.54	65	512521	37.893	nq	100
49) Acenaphthylene	14.18	152	2944242	43.788	nq	99
50) Dimethylphthalate	13.92	163	2189440	40.085	nq	99
51) 2,6-Dinitrotoluene	14.04	165	469139	42.300	nq	98
52) Acenaphthene	14.52	154	1718579	42.889	nq	100
53) 3-Nitroaniline	14.37	138	280636	22.670	nq	98
54) 2,4-Dinitrophenol	14.57	184	367790	77.349	nq	99
55) Dibenzofuran	14.86	168	2669216	42.890	nq	99
56) 4-Nitrophenol	14.67	139	727034	79.699	nq	97
57) 2,4-Dinitrotoluene	14.83	165	607696	40.923	nq	97
58) Fluorene	15.51	166	2104472	41.120	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	551959	45.496	nq	99
60) Diethylphthalate	15.29	149	2093505	37.163	nq	99
61) 4-Chlorophenyl-phenylether	15.50	204	1097021	40.484	nq	99
62) 4-Nitroaniline	15.53	138	436191	33.224	nq	99
63) Azobenzene	15.80	77	2000392	37.040	nq	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	228810	43.408	nq	98
66) n-Nitrosodiphenylamine	15.72	169	1760585	46.345	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	633009	45.305	nq	98
68) Hexachlorobenzene	16.50	284	725348	44.458	nq	99
69) Atrazine	16.67	200	540626	47.683	nq	99
70) Pentachlorophenol	16.84	266	799820	102.759	nq	100
71) Phenanthrene	17.24	178	2948839	43.839	nq	100
72) Anthracene	17.33	178	2982704	44.304	nq	99
73) Carbazole	17.61	167	2543355	41.630	nq	100
74) Di-n-butylphthalate	18.17	149	2997588	37.797	nq	99
75) Fluoranthene	19.26	202	3037764	40.609	nq	100
77) Benzidine	19.45	184	1249495	42.200	nq	99
78) Pyrene	19.62	202	3080706	41.084	nq	99
80) Butylbenzylphthalate	20.52	149	1143997	36.100	nq	100
81) Benzo(a)anthracene	21.37	228	2846666	41.833	nq	99
82) 3,3'-Dichlorobenzidine	21.30	252	815436	32.724	nq	100
83) Chrysene	21.42	228	2798676	43.267	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1588269	34.485	nq	99
85) Di-n-octyl phthalate	22.19	149	2612790	35.732	nq	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4082044	61.686	nq	99
88) Benzo(b)fluoranthene	22.98	252	3172878	41.611	nq	99
89) Benzo(k)fluoranthene	23.03	252	3039731	40.793	nq	99
90) Benzo(a)pyrene	23.57	252	3105078	44.895	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3421858	50.997	nq	98
92) Benzo(g,h,i)perylene	26.70	276	3380856	54.245	nq	99

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



#1

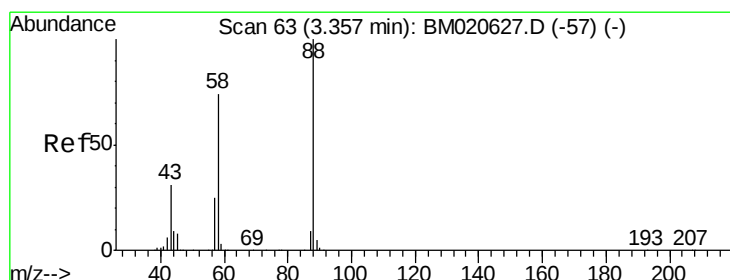
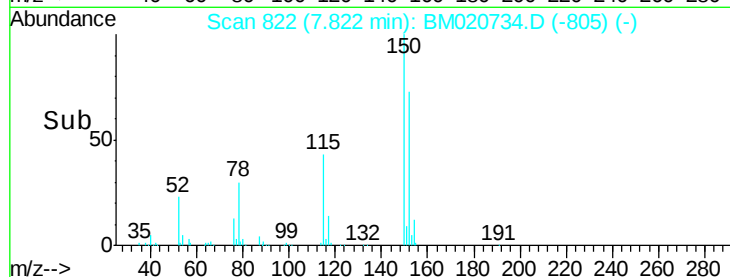
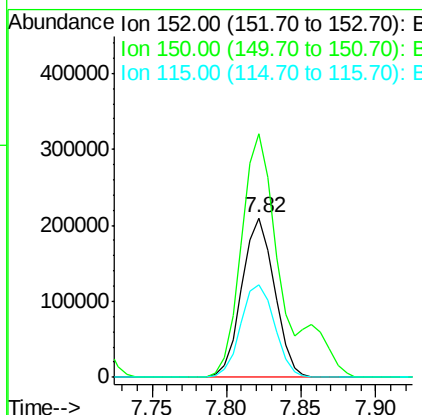
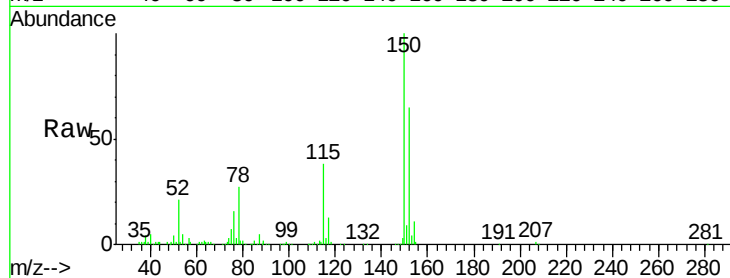
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.0	186.0
115	58.5	47.0	70.6

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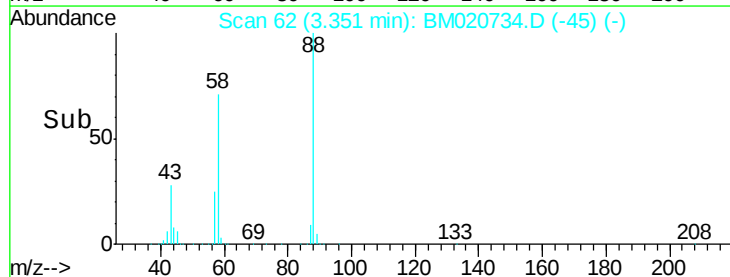
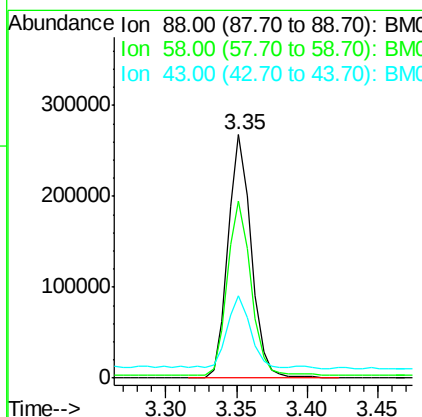
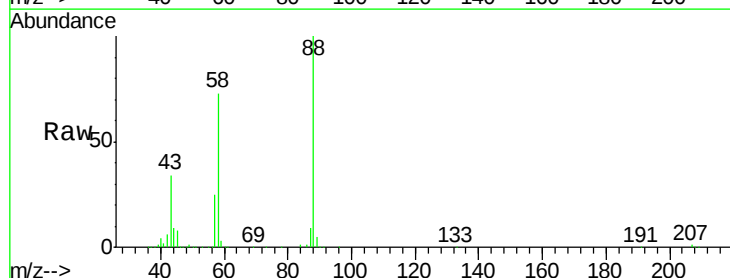
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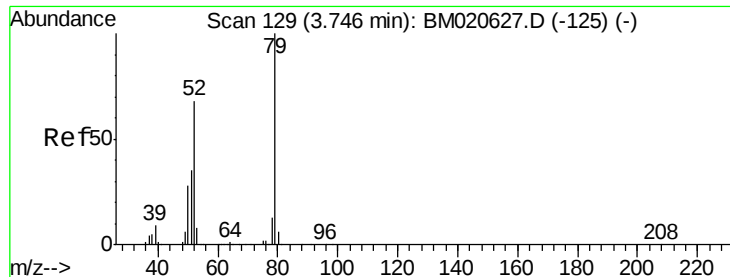


#2

1,4-Dioxane
Concen: 41.311 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	57.2	85.8
43	28.2	24.2	36.4





#3

Pvridine

Concen: 36.521 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

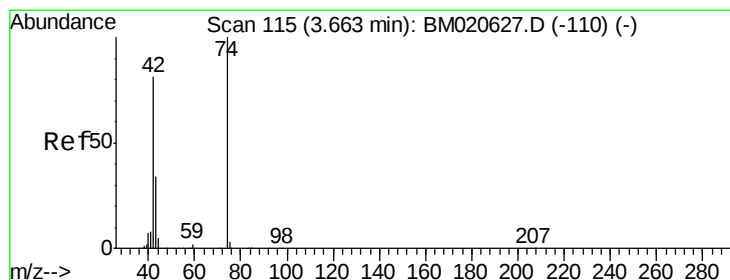
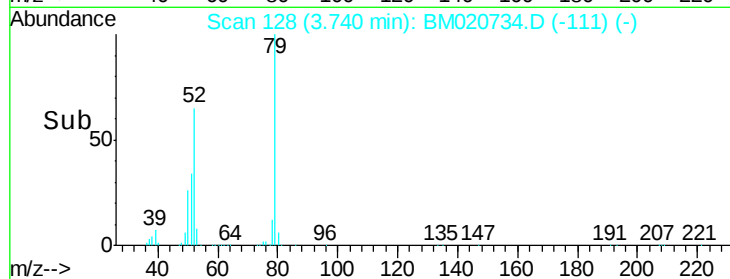
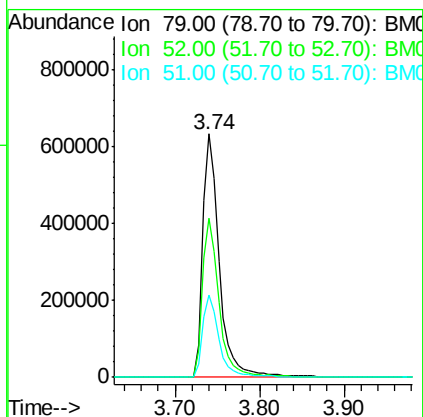
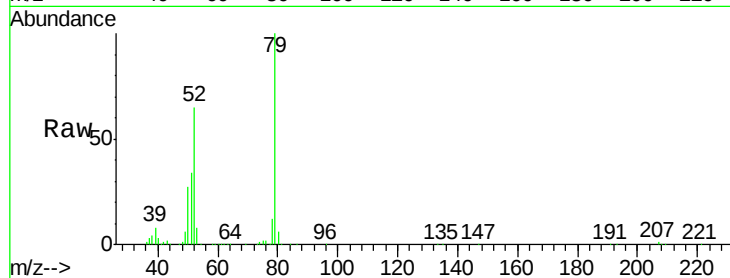
ClientSampleId :

PB119779BS

Tot Ion:	79	Resp:	865345
Ion	Ratio	Lower	Upper
79	100		
52	65.3	52.0	78.0
51	33.8	26.5	39.7

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#4

n-Nitrosodimethylamine

Concen: 38.913 ng

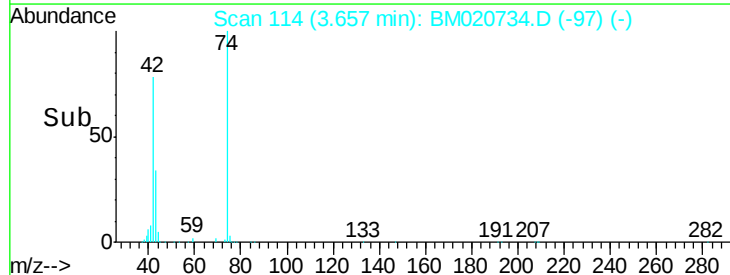
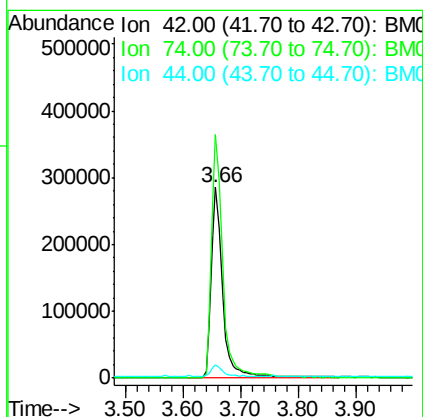
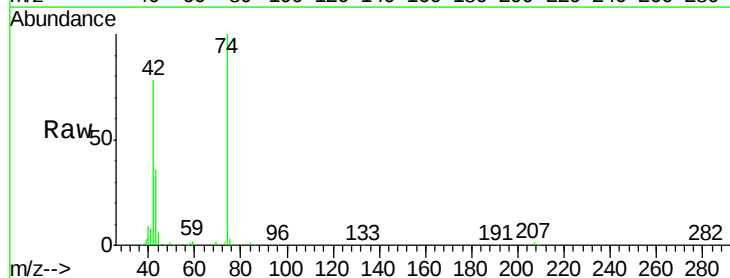
RT: 3.66 min Scan# 114

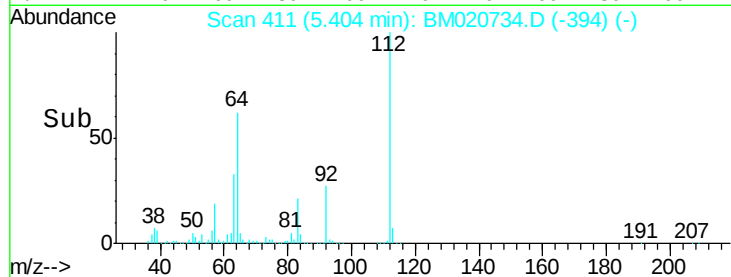
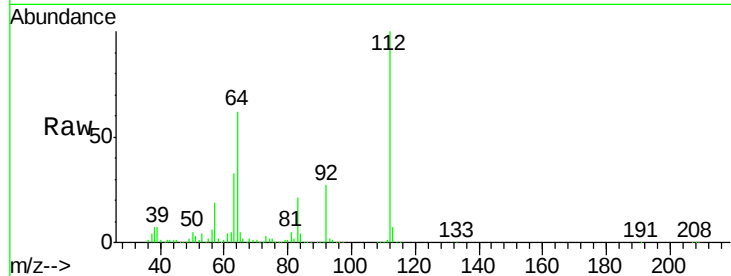
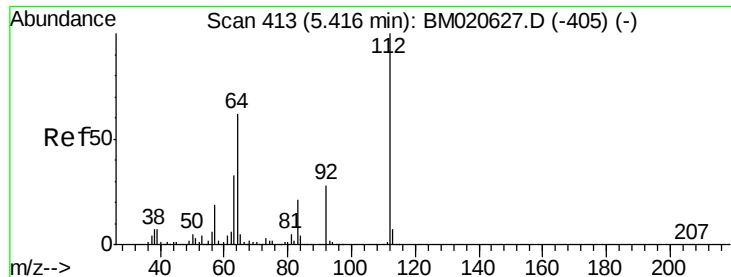
Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:	42	Resp:	397472
Ion	Ratio	Lower	Upper
42	100		
74	127.8	103.3	154.9
44	7.1	5.9	8.9





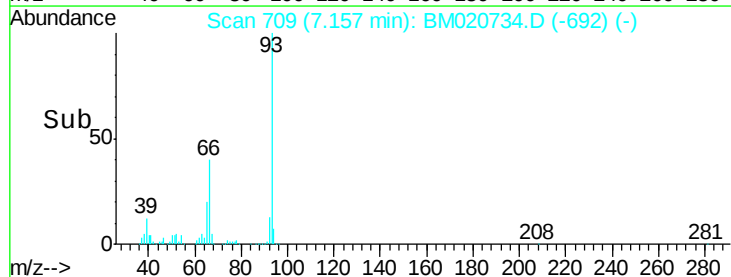
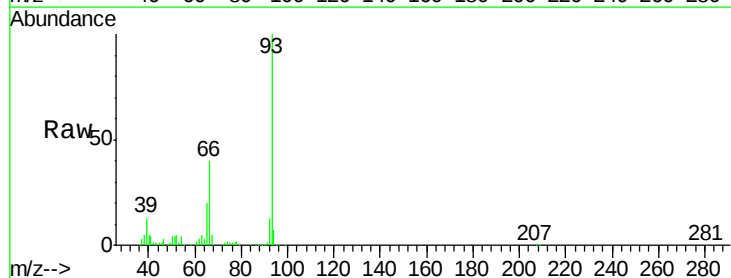
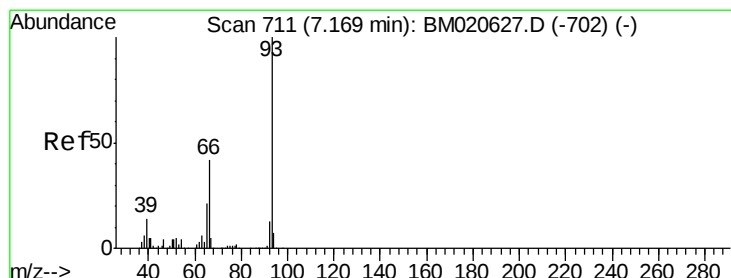
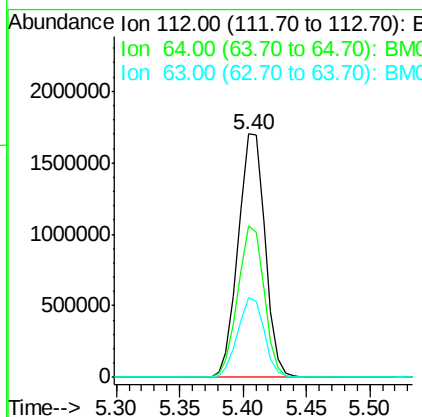
#5
2-Fluorophenol
Concen: 137.600 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tot Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.8	71.8
63	32.9	25.4	38.0

Instrument :
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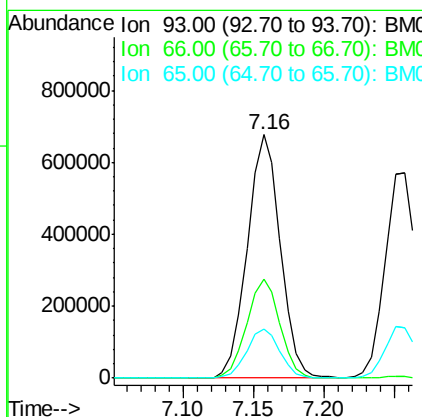
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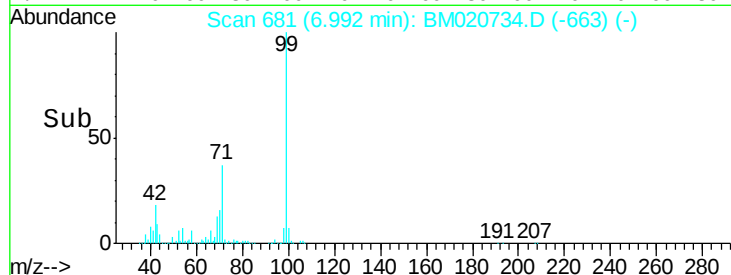
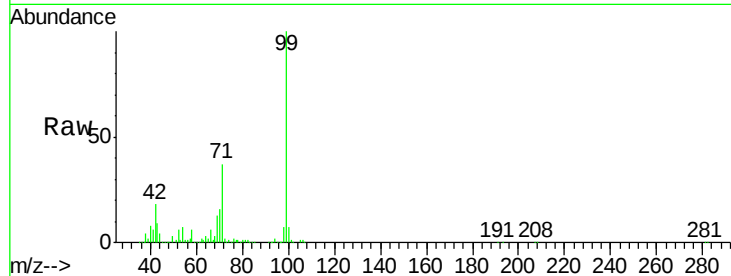
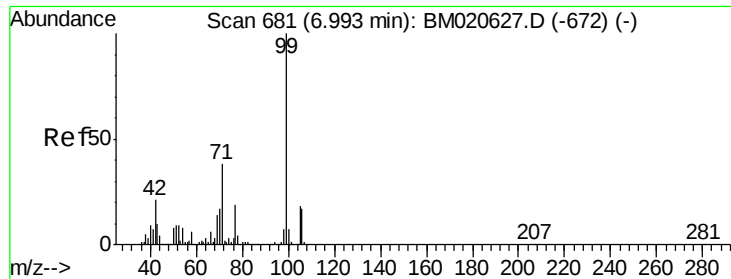
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#6
Aniline
Concen: 28.711 ng
RT: 7.16 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.0	49.4
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 121.361 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tot Ion:	99	Resp:	3250521
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	36.8	29.5	44.3

Instrument :

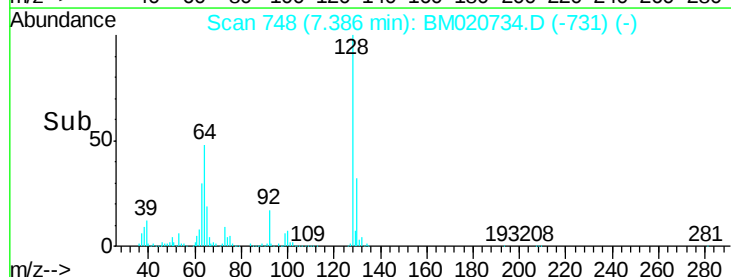
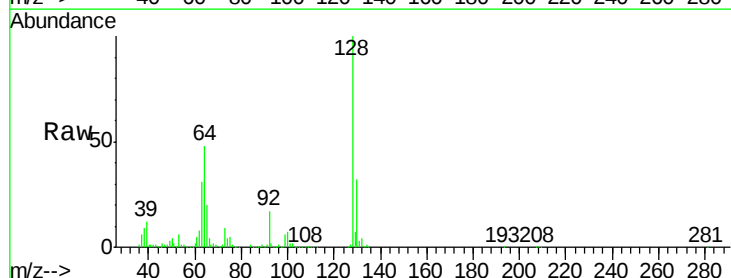
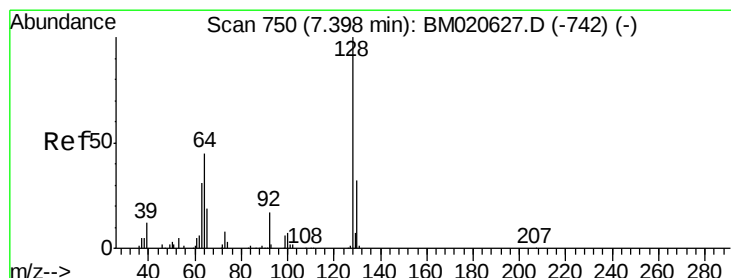
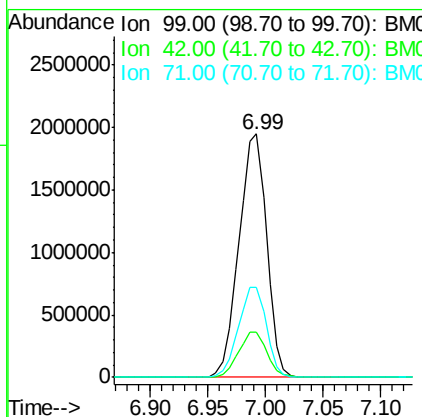
BNA_M

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#8

2-Chlorophenol

Concen: 42.883 ng

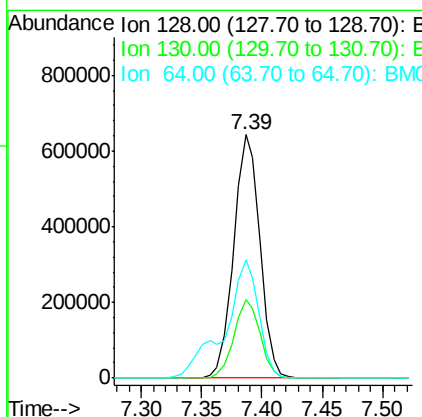
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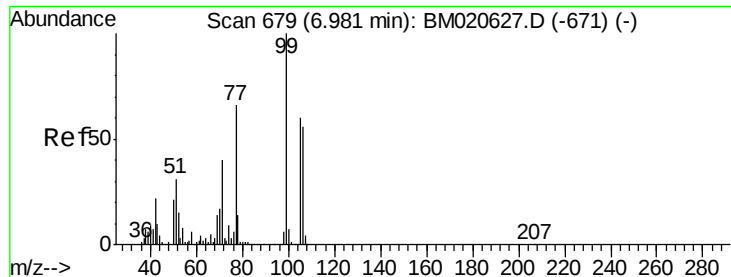
Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:	128	Resp:	970397
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	48.4	27.5	67.5





#9

Benzaldehyde

Concen: 15.806 ng/mL

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

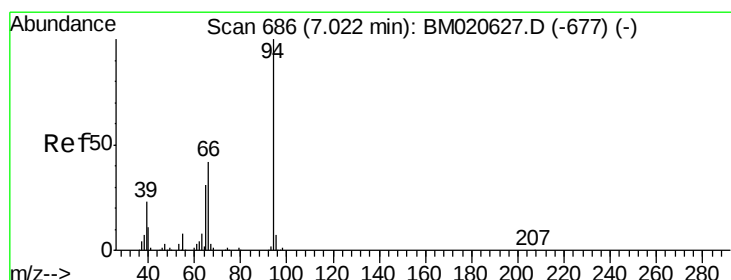
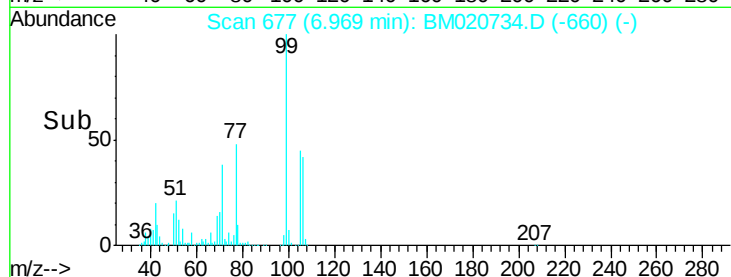
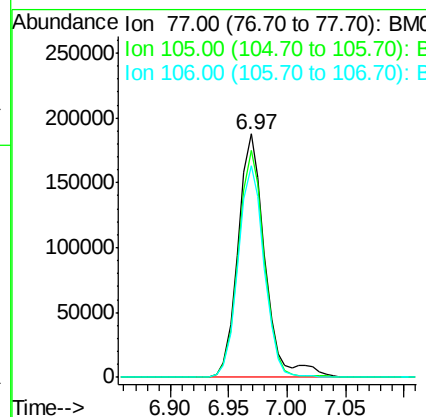
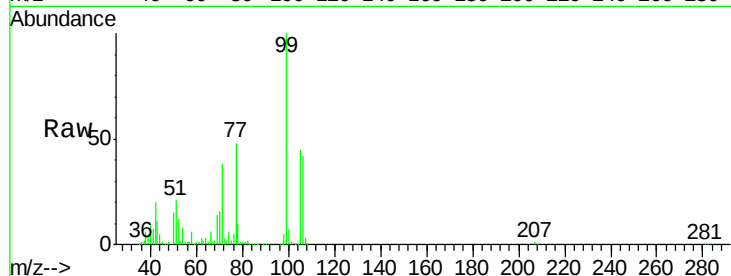
ClientSampleID :

PB119779BS

Tot Ion:	77	Resp:	303503
Ion Ratio	Lower	Upper	
77	100		
105	93.2	73.6	113.6
106	86.9	68.3	108.3

Manual Integrations
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#10

Phenol

Concen: 41.017 ng/mL

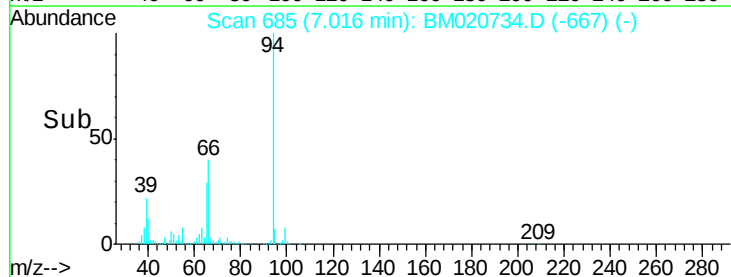
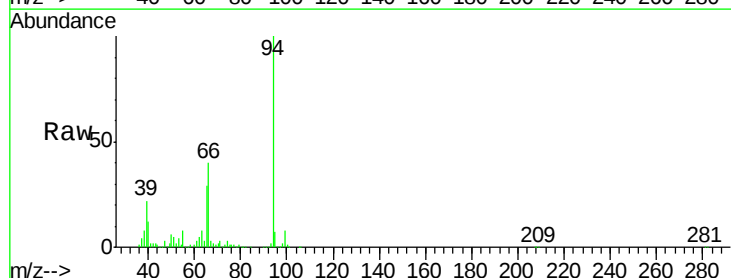
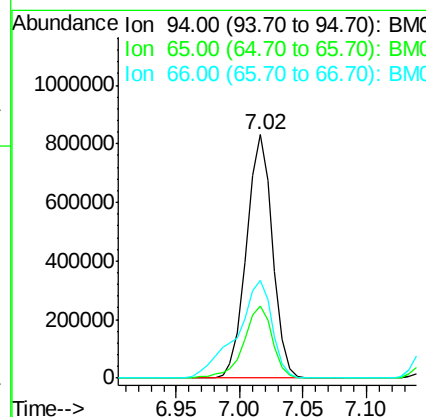
RT: 7.02 min Scan# 685

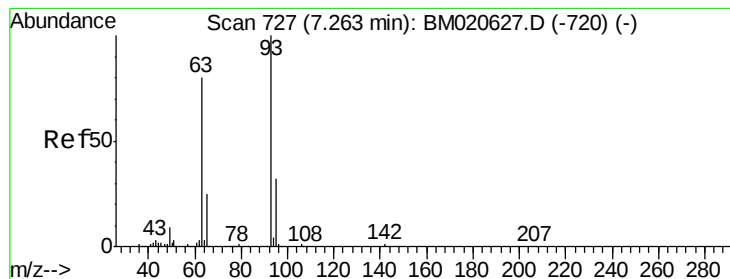
Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:	94	Resp:	1183926
Ion Ratio	Lower	Upper	
94	100		
65	29.4	9.4	49.4
66	40.3	20.7	60.7





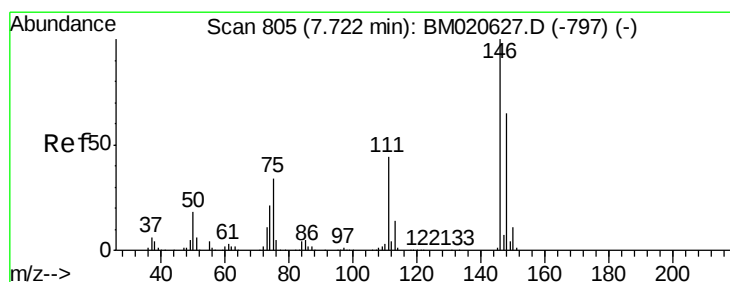
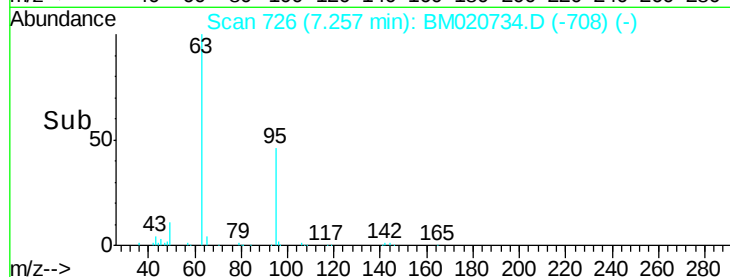
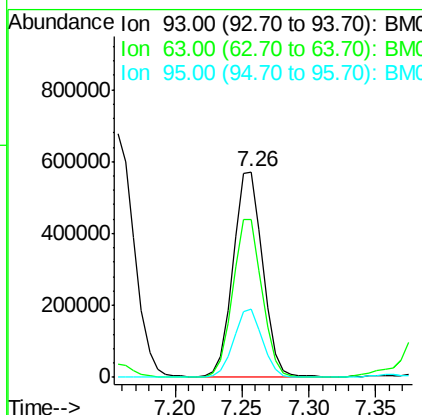
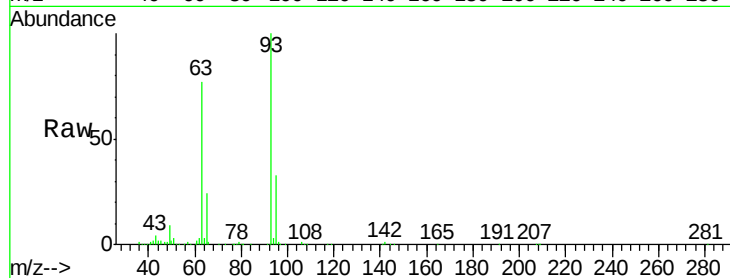
#11
bis(2-Chloroethyl)ether
Concen: 37.888 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	56.0	96.0
95	33.0	12.2	52.2

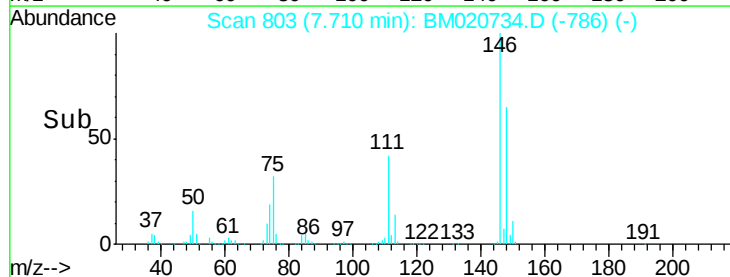
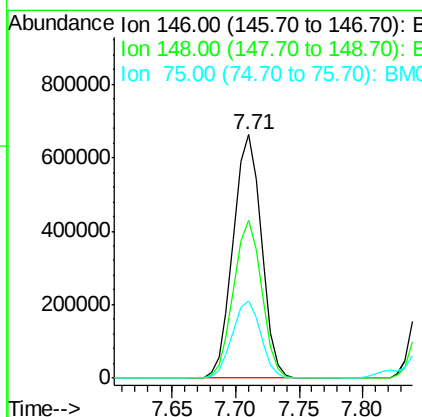
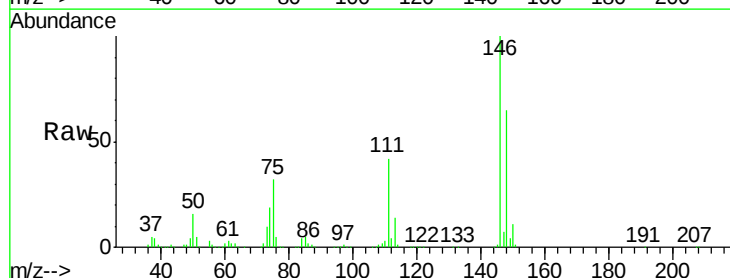
Manual Integrations
APPROVED

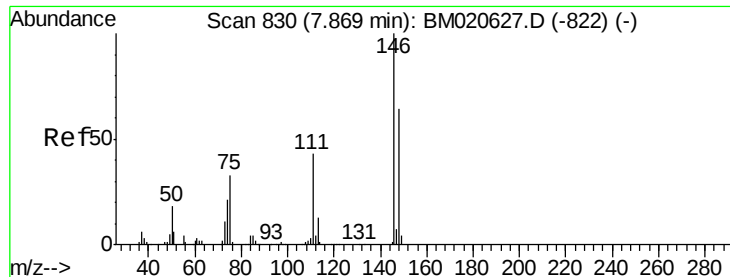
mohammad
6/6/2019 3:43:29 PM



#12
1,3-Dichlorobenzene
Concen: 39.289 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
75	31.8	25.3	37.9





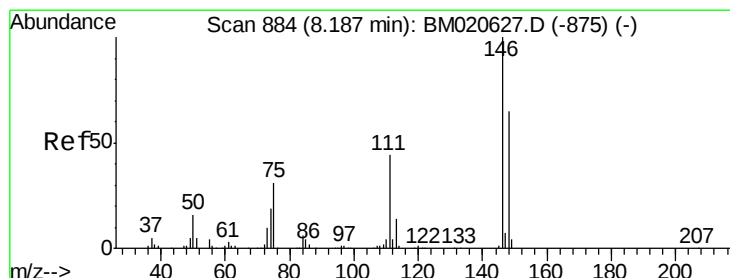
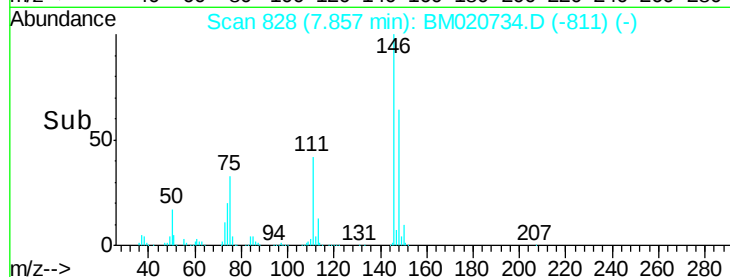
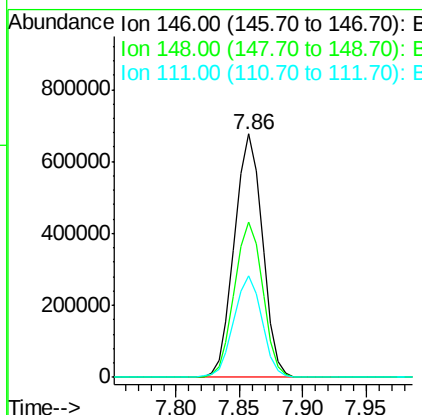
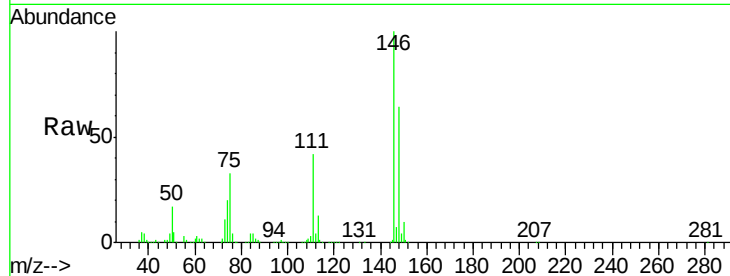
#13
 1,4-Dichlorobenzene
 Concen: 39.287 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.5	78.7
111	41.7	33.8	50.8

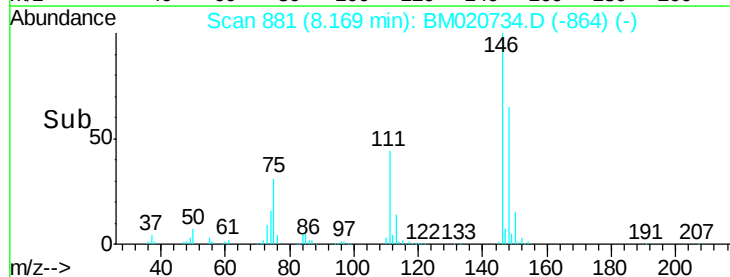
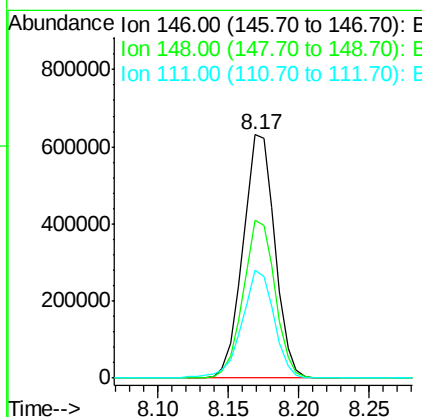
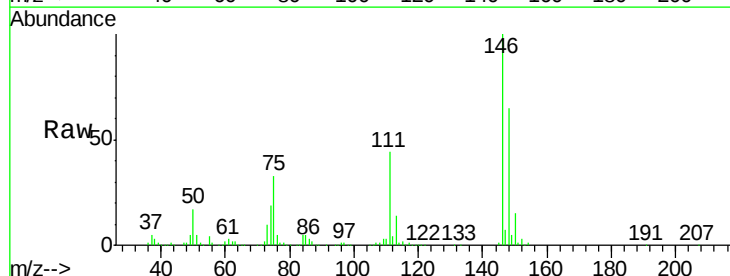
Manual Integrations
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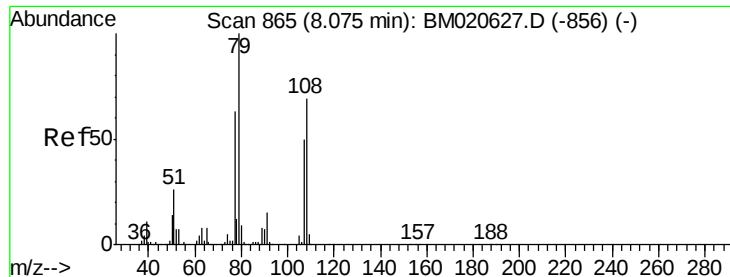
mohammad
 6/6/2019 3:43:29 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.867 ng
 RT: 8.17 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	44.1	35.3	52.9





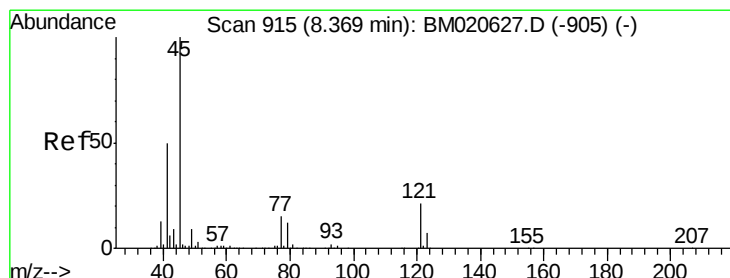
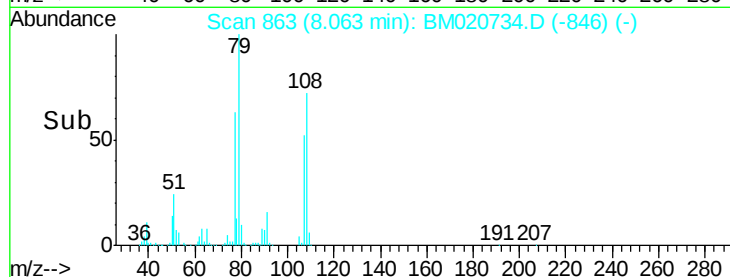
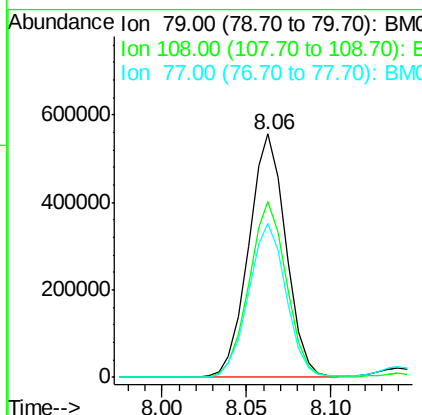
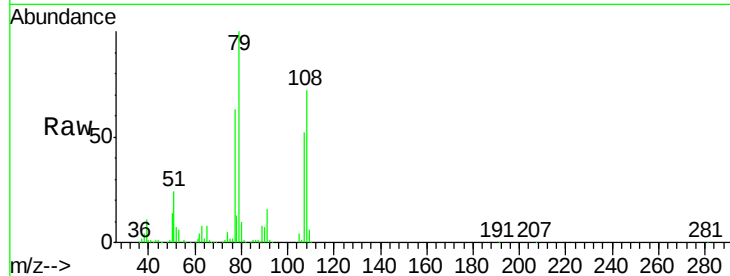
#15
Benzyl Alcohol
Concen: 36.006 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	57.2	85.8
77	63.3	50.9	76.3

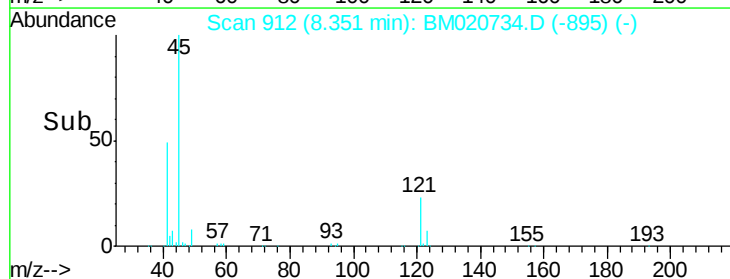
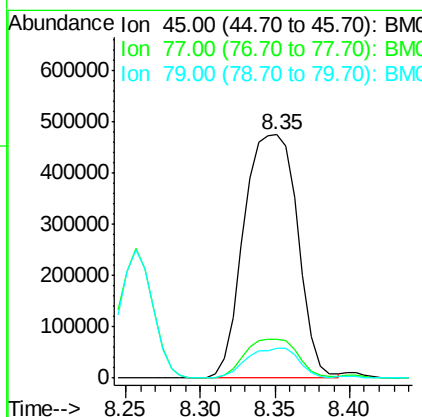
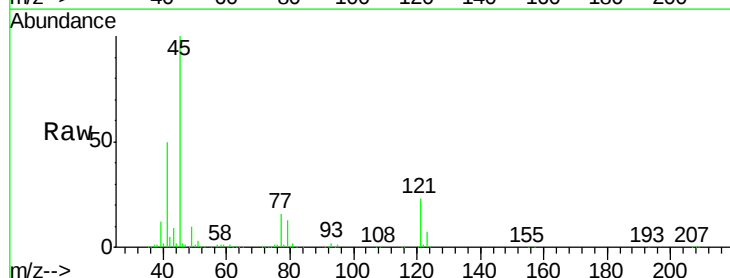
Manual Integrations
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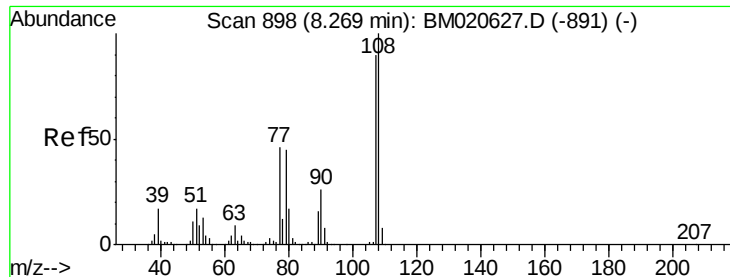
mohammad
6/6/2019 3:43:29 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.263 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.4
79	12.5	0.0	32.2





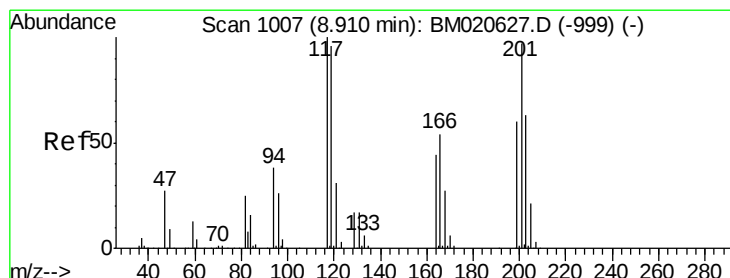
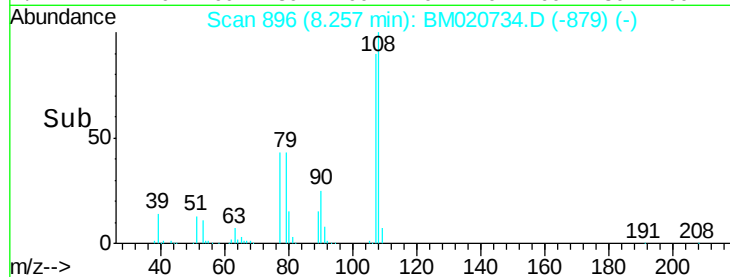
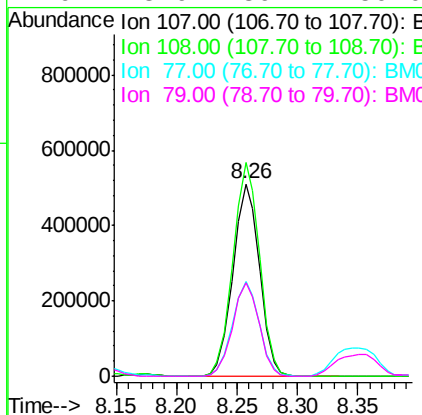
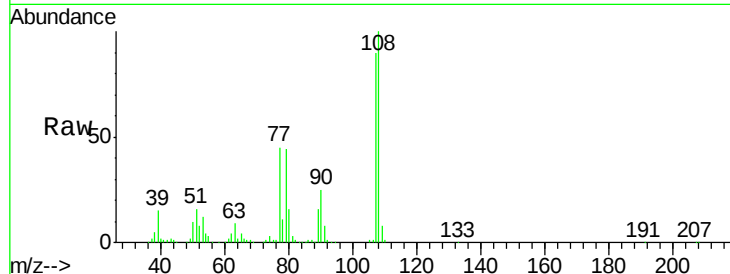
#17
2-Methylphenol
Concen: 38.664 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.2	88.2	132.4	
77	77	49.6	39.5	59.3	
79	79	48.9	39.4	59.0	

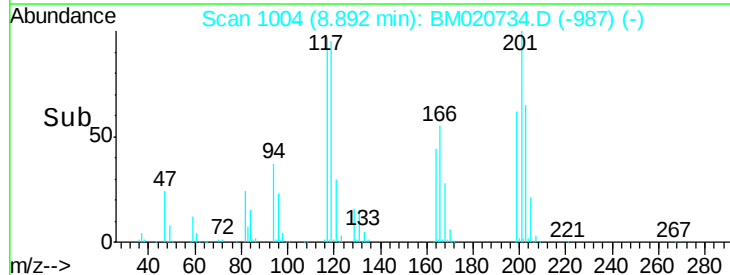
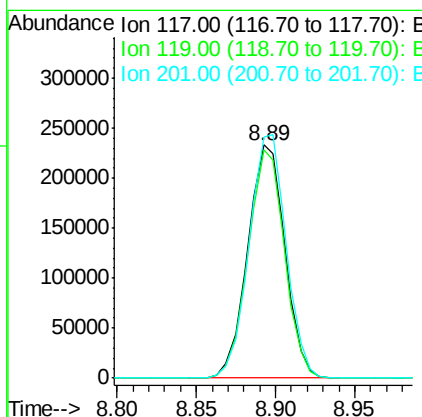
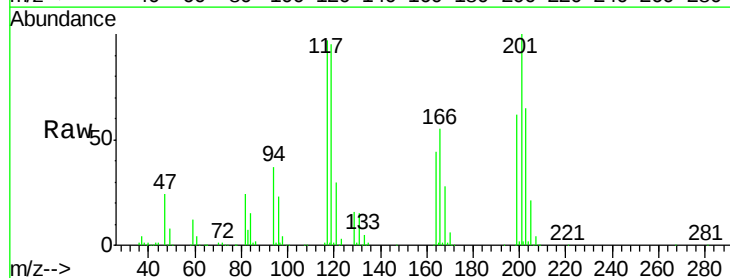
Manual Integrations
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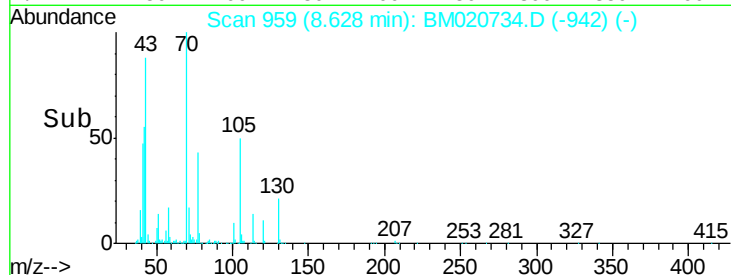
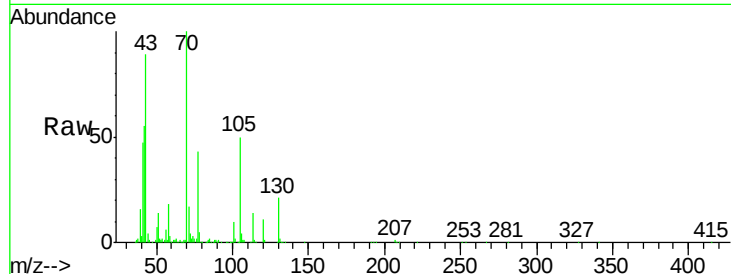
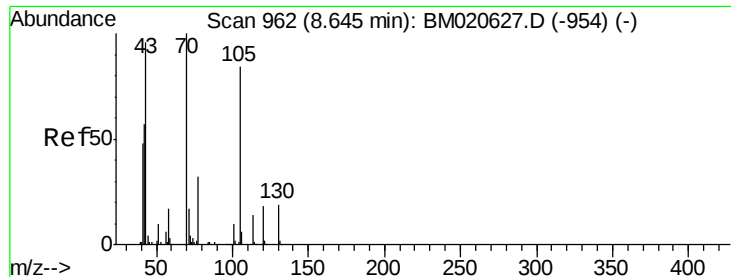
mohammad
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#18
Hexachloroethane
Concen: 37.676 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.8	78.2	117.4	
201	201	103.5	83.0	124.4	





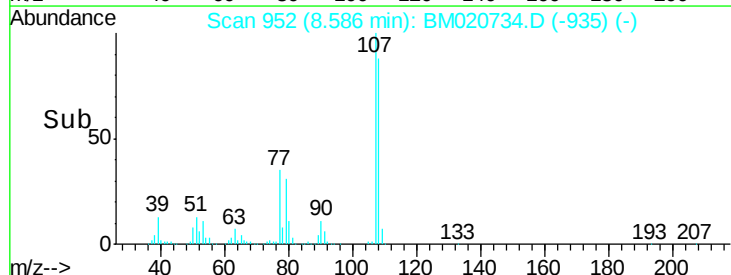
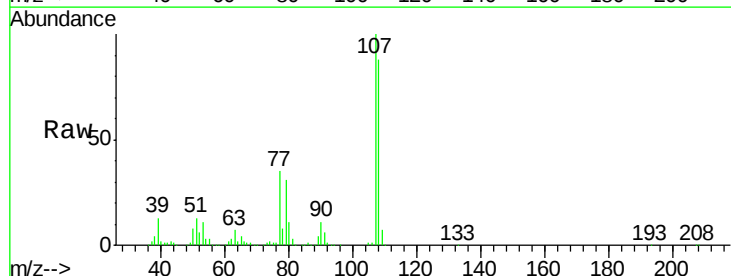
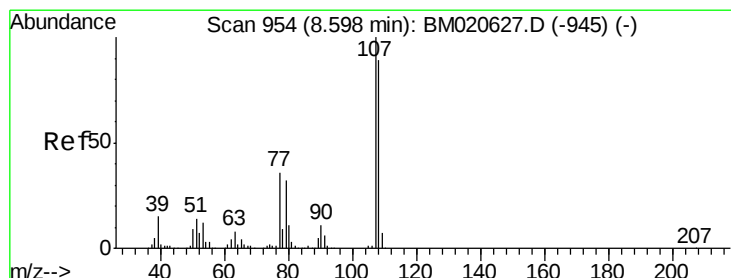
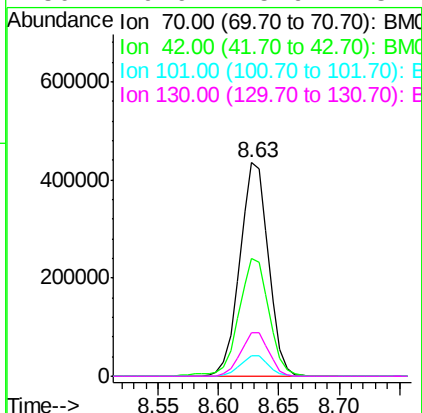
#19
n-Nitroso-di-n-propylamine
Concen: 33.353 ng
RT: 8.63 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	44.2	66.2	
101	9.6	7.2	10.8	
130	20.6	15.6	23.4	

Instrument :
BNA_M
ClientSampleId :
PB119779BS

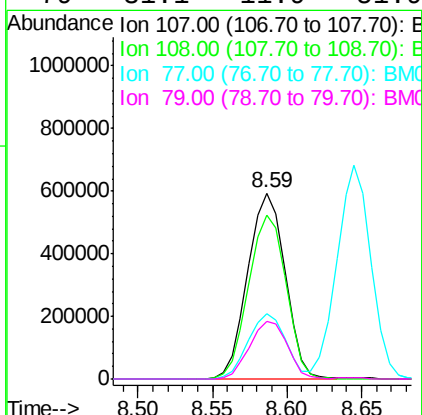
Manual Integrations
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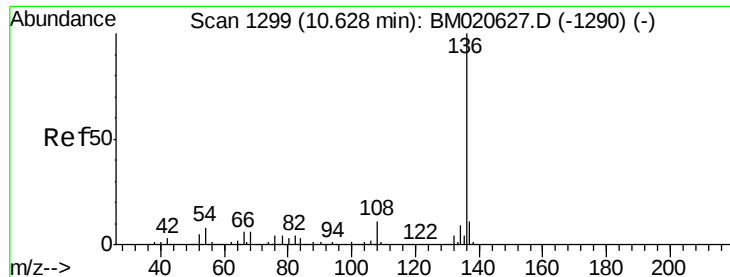
mohammad
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#20
3+4-Methylphenols
Concen: 37.422 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	70.3	110.3	
77	35.3	15.5	55.5	
79	31.1	11.9	51.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:136 Resp: 1231372

Ion Ratio Lower Upper

136 100

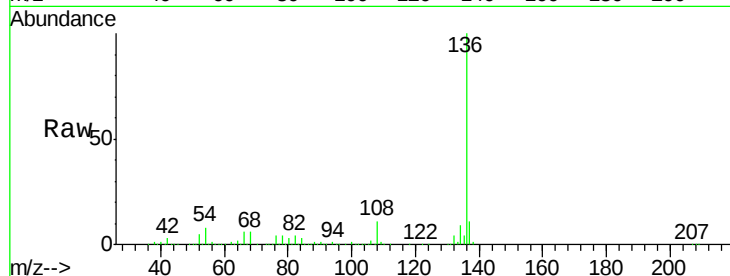
137 11.1 8.7 13.1

54 7.6 6.0 9.0

68 6.2 4.4 6.6

Manual Integrations
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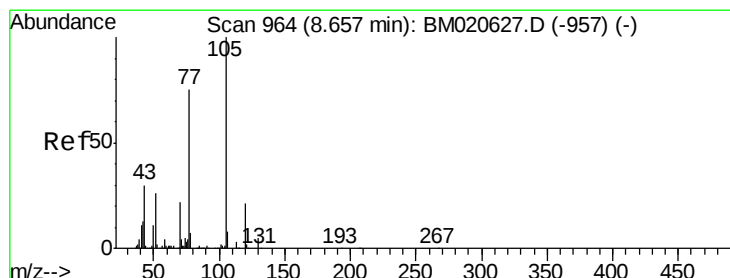
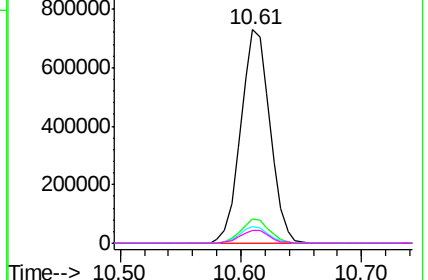
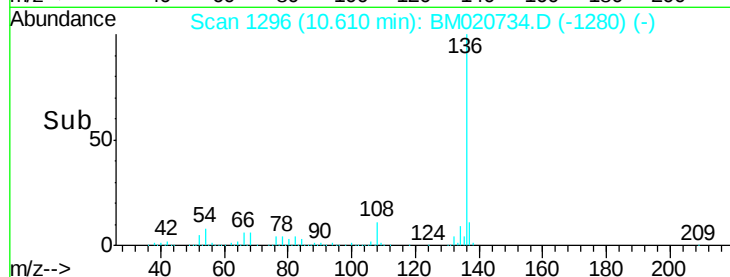


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.846 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:105 Resp: 1340284

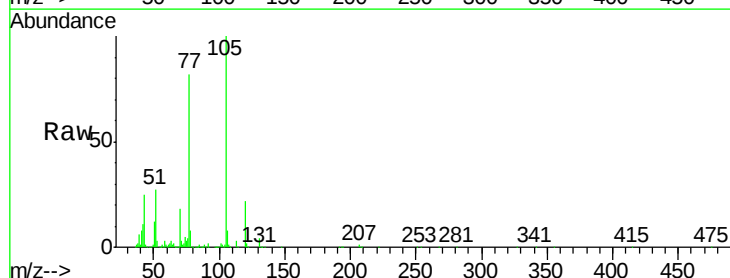
Ion Ratio Lower Upper

105 100

71 2.8 1.8 2.8#

51 26.9 20.9 31.3

120 22.4 17.6 26.4

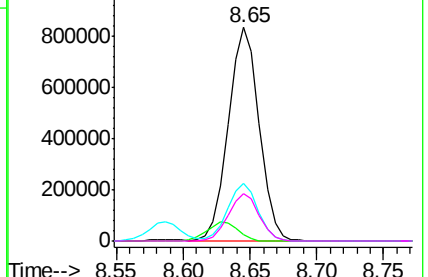
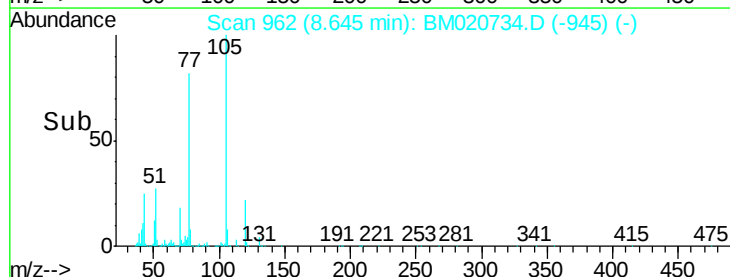


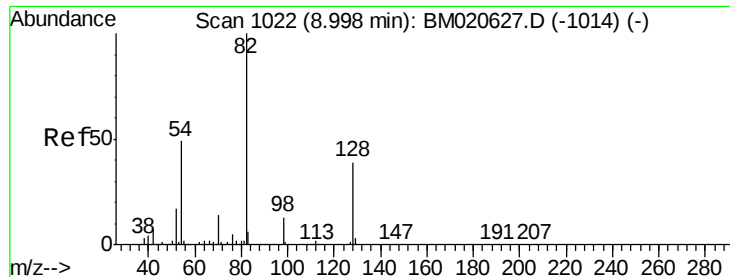
Abundance Ion 105.00 (104.70 to 105.70): E

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





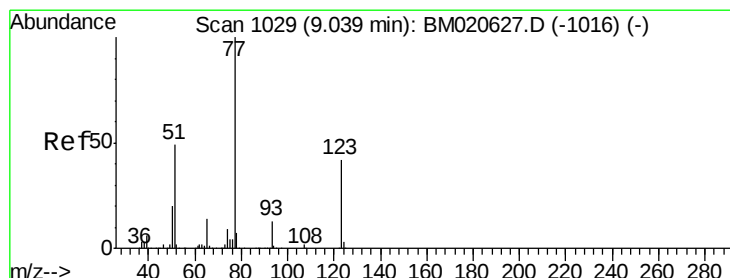
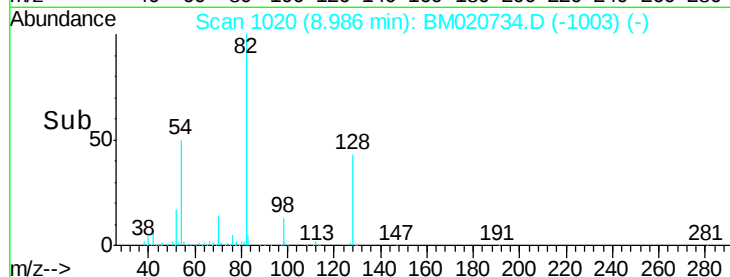
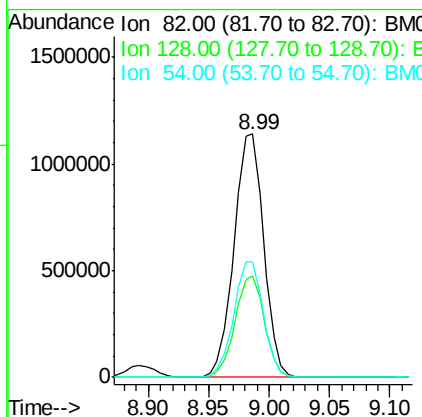
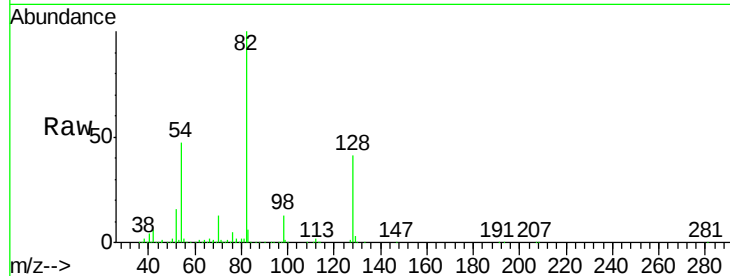
#23
 Nitrobenzene-d5
 Concen: 82.468 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.2	49.8
54	47.5	37.7	56.5

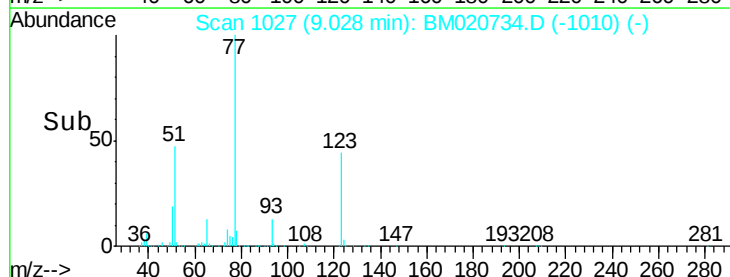
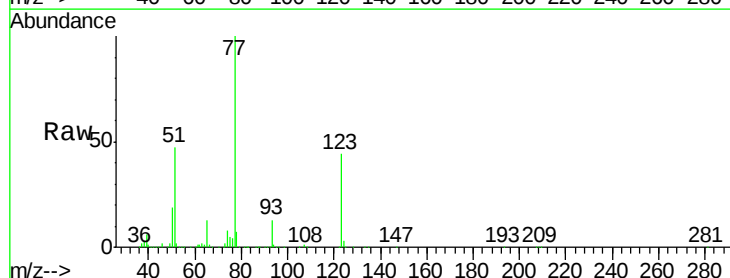
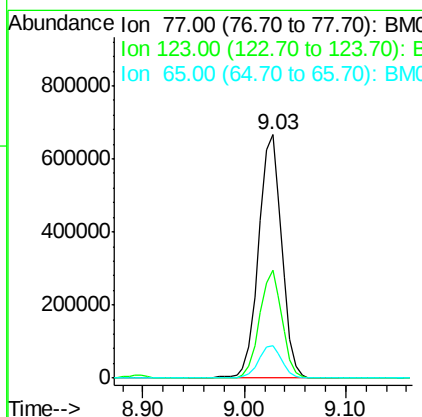
Manual Integrations
 APPROVED

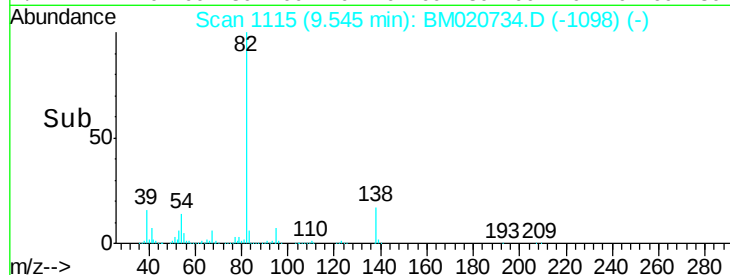
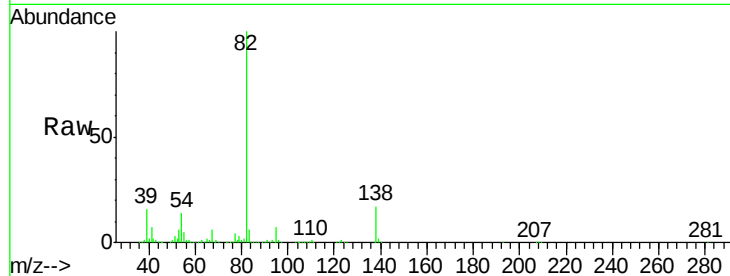
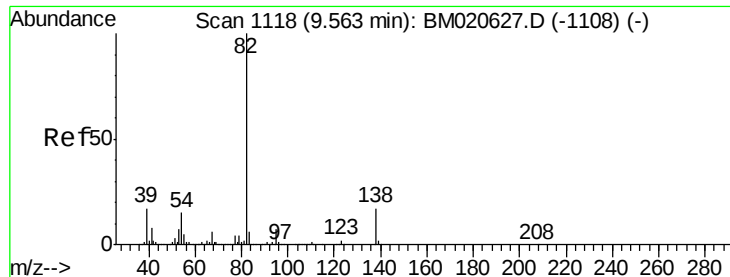
mohammad
 6/6/2019 3:43:29 PM



#24
 Nitrobenzene
 Concen: 43.576 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.8	53.8
65	13.1	10.9	16.3





#25

Isophorone

Concen: 39.153 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tot Ion:	82	Resp:	1850979
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.0	14.5	21.7

Instrument :

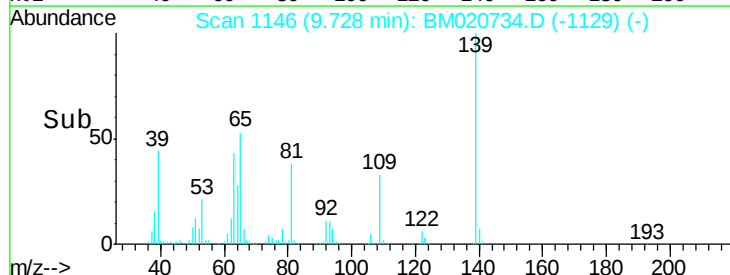
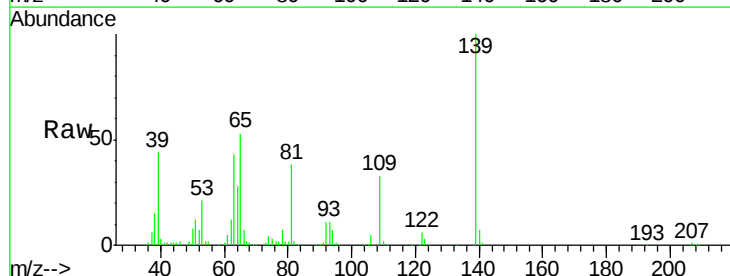
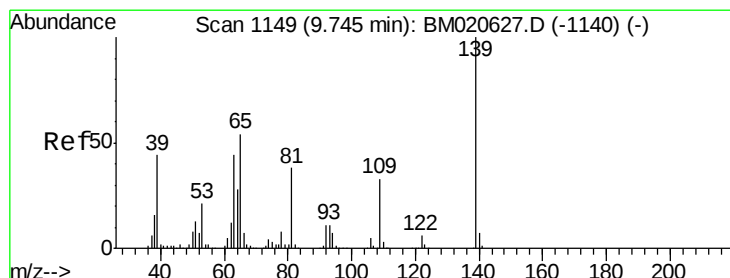
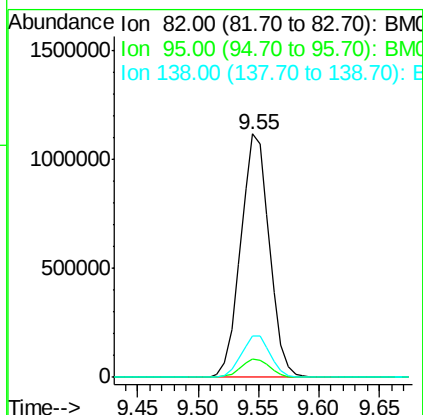
BNA_M

ClientSampleId :

PB119779BS

Manual Integrations
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mohammad
6/6/2019 3:43:29 PM



#26

2-Nitrophenol

Concen: 49.486 ng

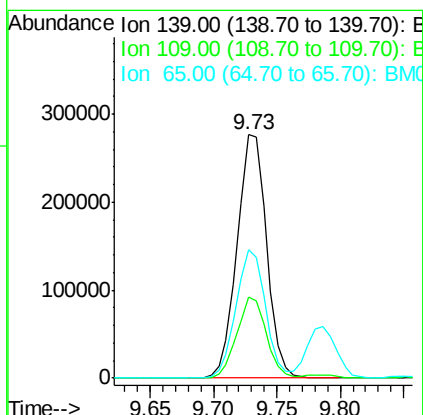
RT: 9.73 min Scan# 1146

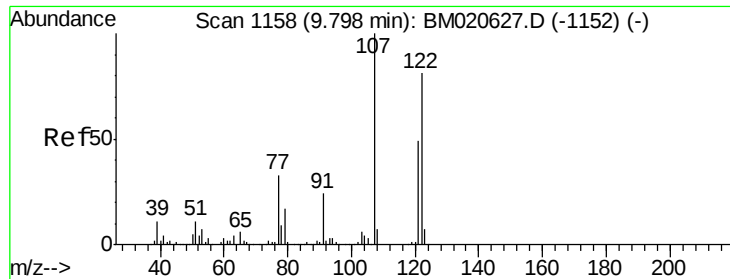
Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:	139	Resp:	447473
Ion	Ratio	Lower	Upper
139	100		
109	33.1	26.8	40.2
65	52.9	42.6	63.8





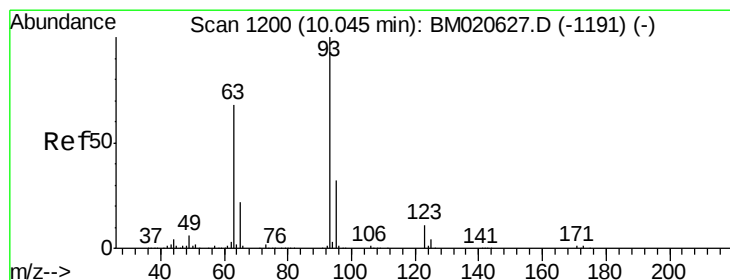
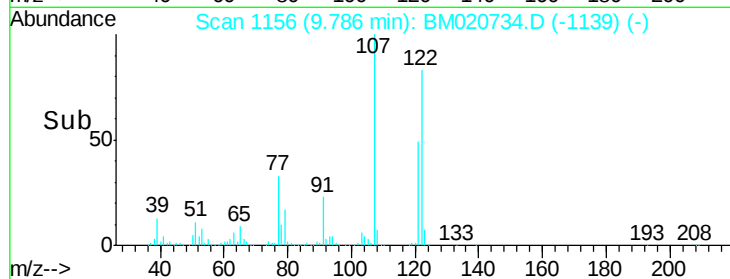
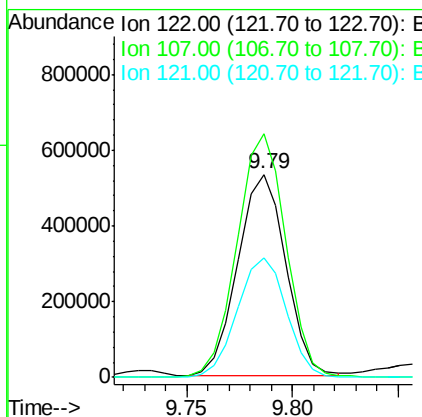
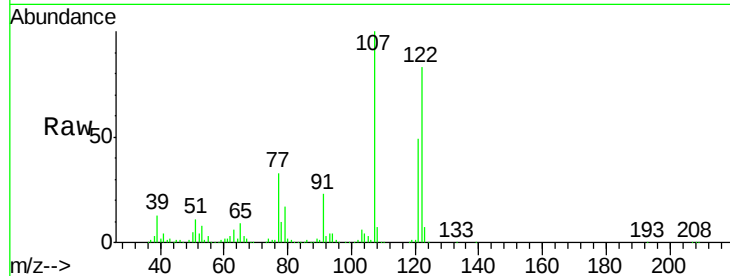
#27
2,4-Dimethylphenol
Concen: 49.410 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	97.8	146.6
121	58.9	48.5	72.7

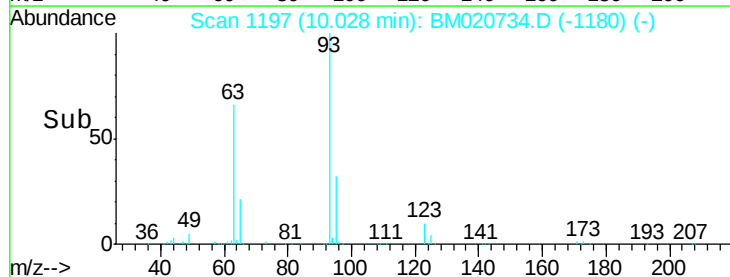
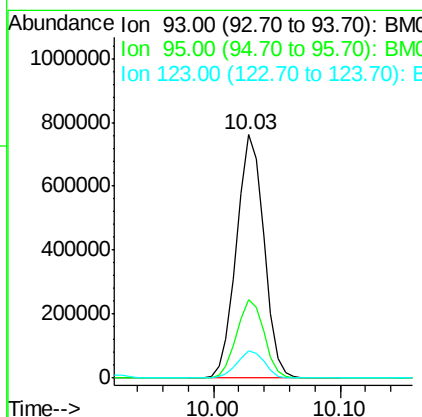
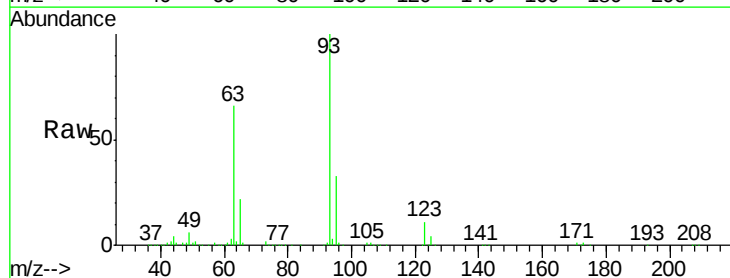
Manual Integrations
APPROVED

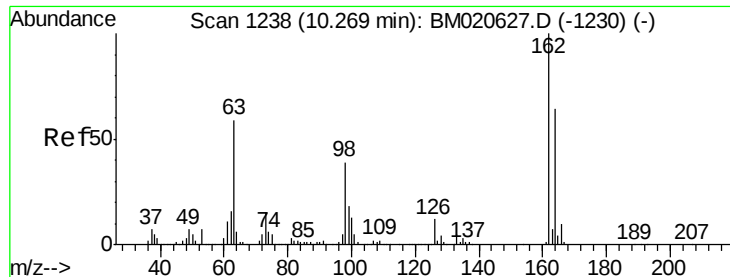
mohammad
6/6/2019 3:43:29 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.070 ng
RT: 10.03 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.4	38.0
123	11.1	8.8	13.2





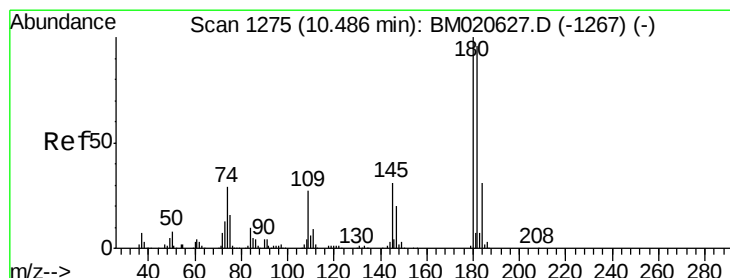
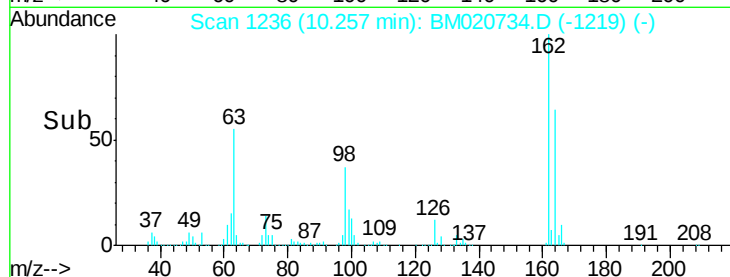
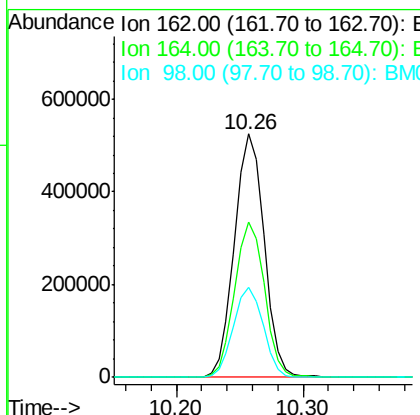
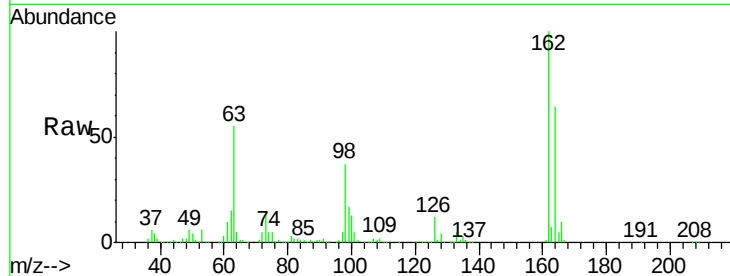
#29
2,4-Dichlorophenol
Concen: 45.579 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.5	85.5
98	36.8	16.7	56.7

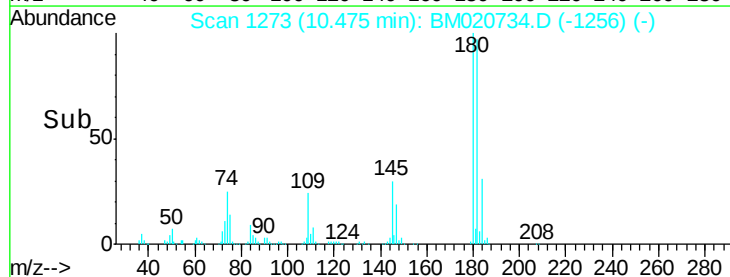
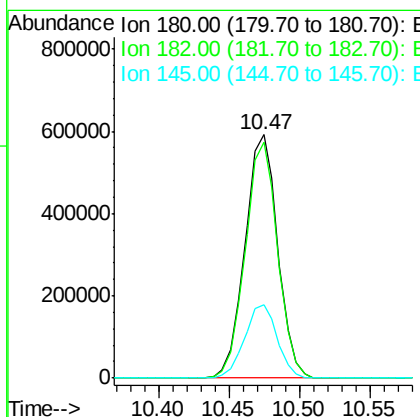
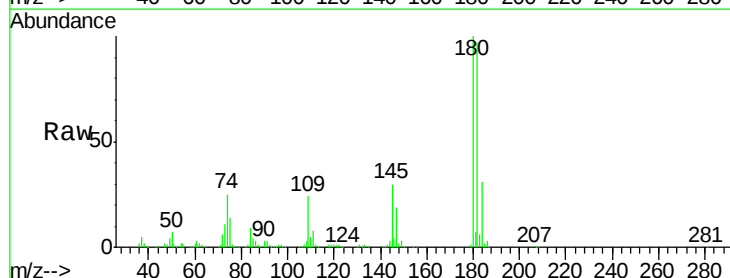
Manual Integrations
APPROVED

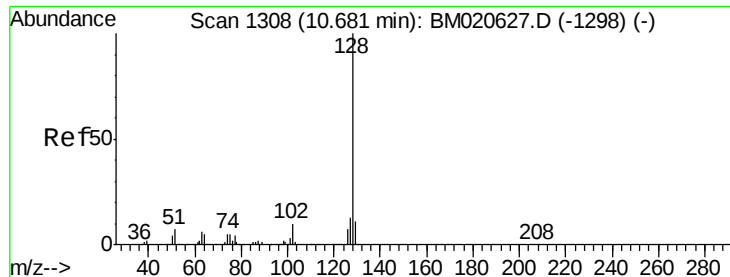
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.620 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.8	116.8
145	29.9	24.3	36.5





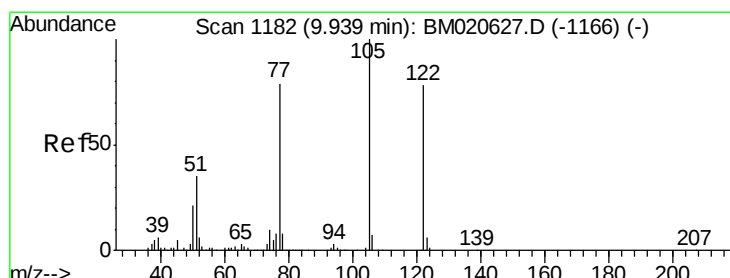
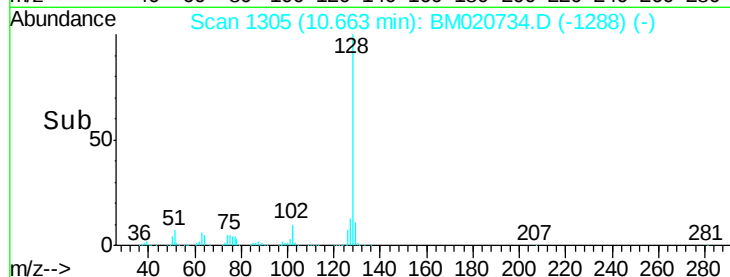
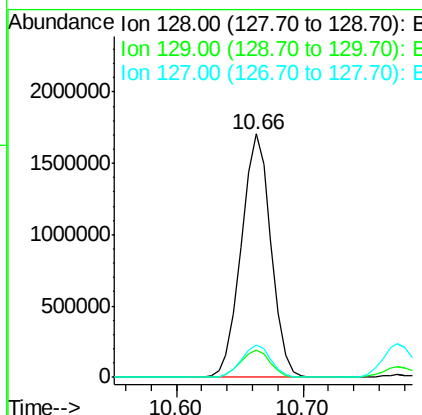
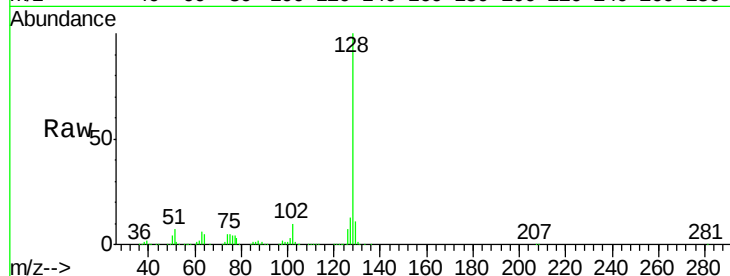
#31
Naphthalene
Concen: 43.649 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.5	15.7

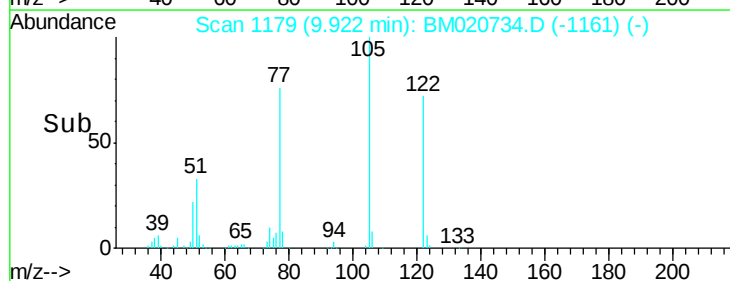
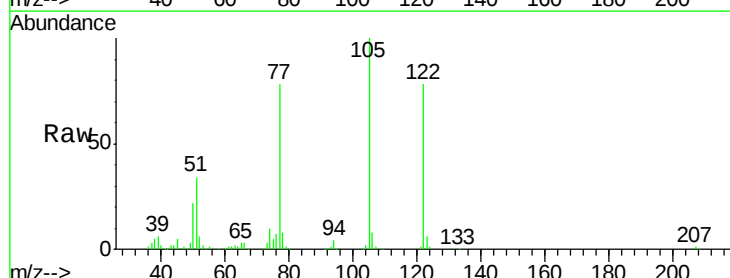
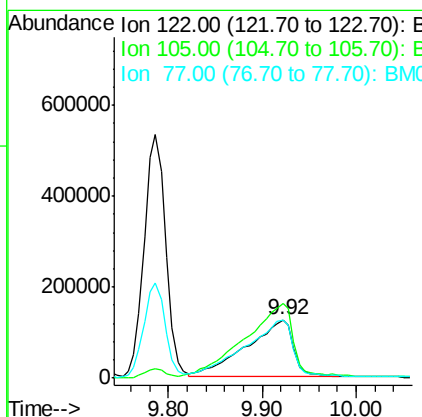
Manual Integrations
APPROVED

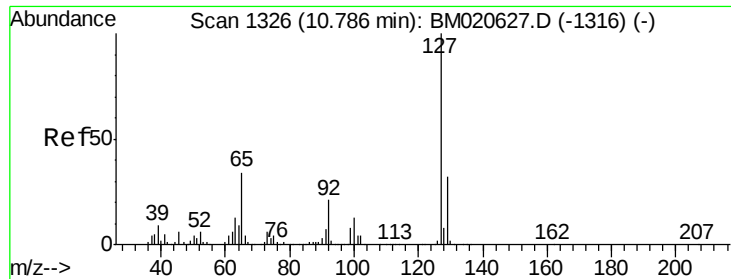
mohammad
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#32
Benzoic acid
Concen: 40.725 ng
RT: 9.92 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.0	108.0	148.0
77	100.1	82.2	122.2





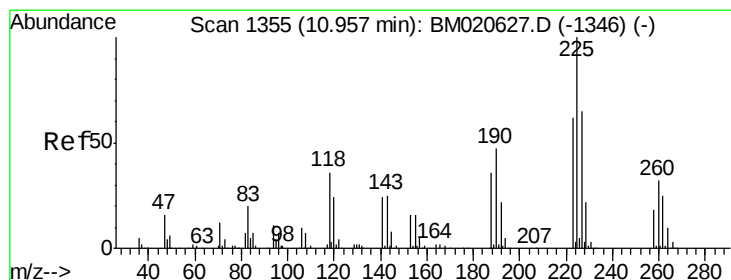
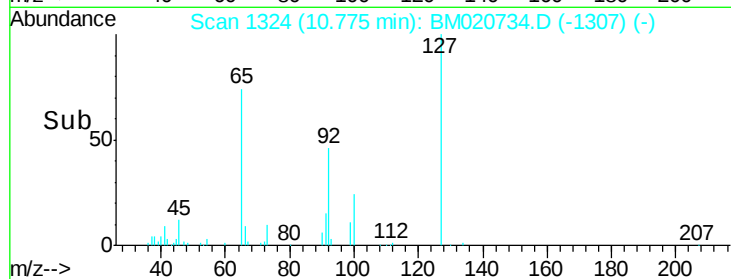
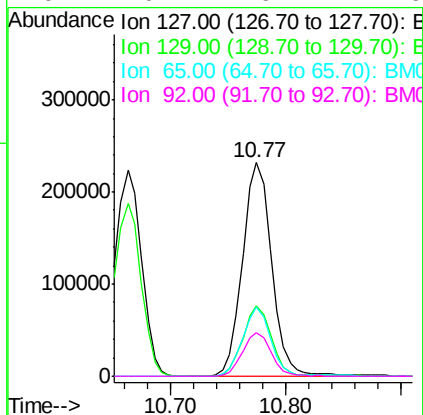
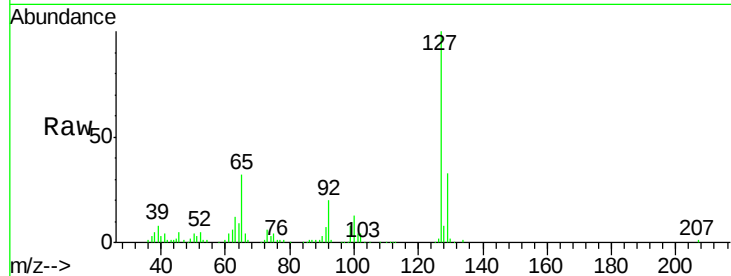
#33
4-Chloroaniline
Concen: 13.770 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		405777		
129	33.1	25.4	38.2		
65	32.2	25.3	37.9		
92	20.2	16.4	24.6		

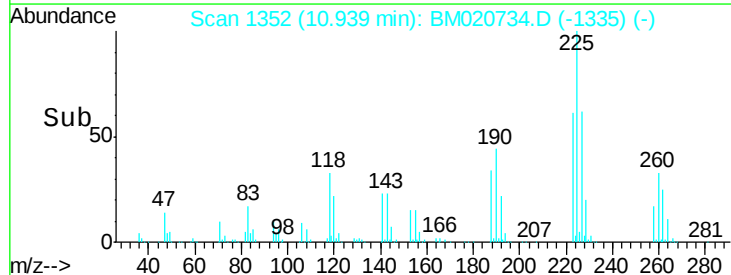
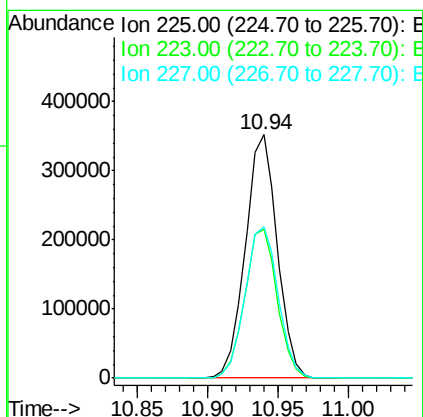
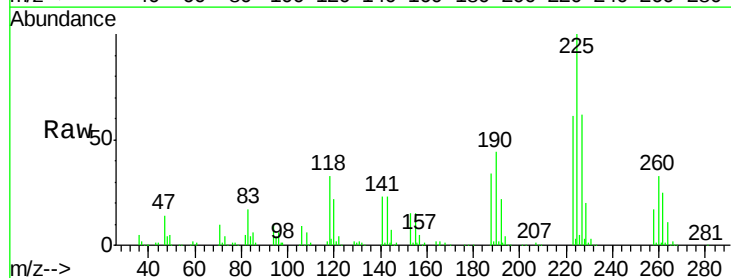
Manual Integrations
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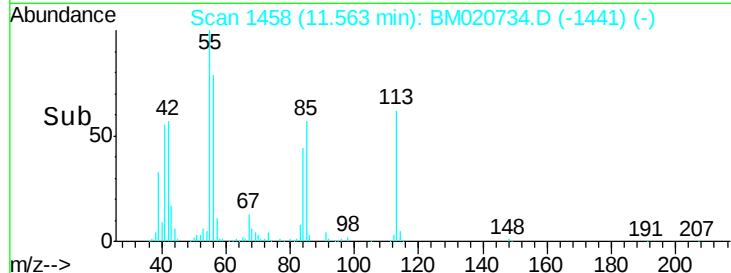
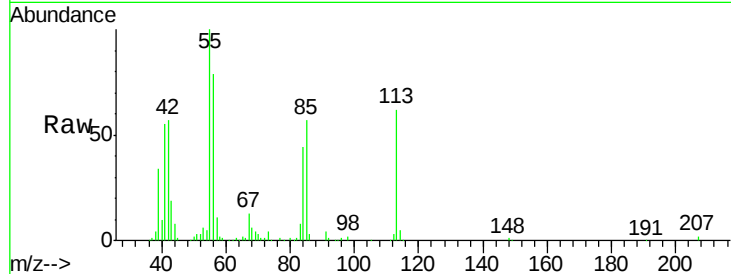
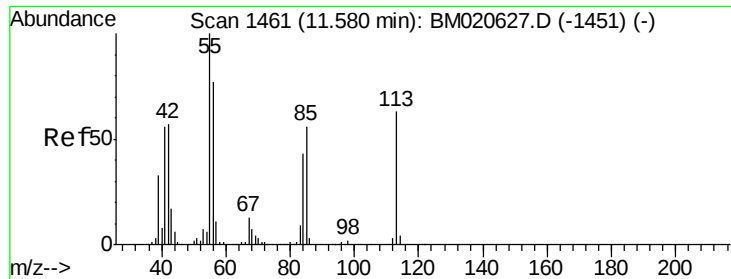
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#34
Hexachlorobutadiene
Concen: 43.110 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		557570		
223	61.4	49.6	74.4		
227	62.3	51.0	76.4		





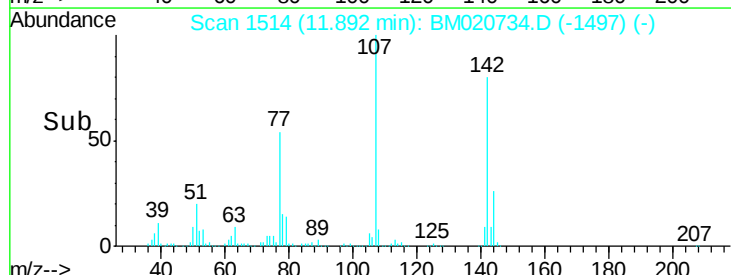
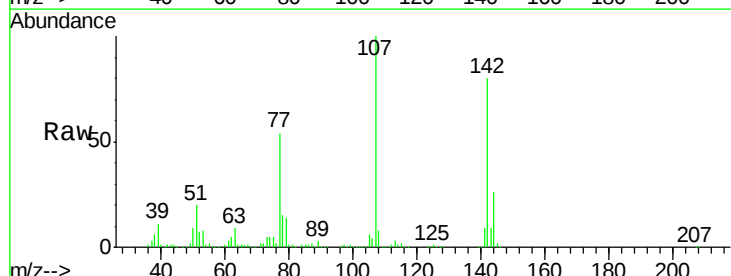
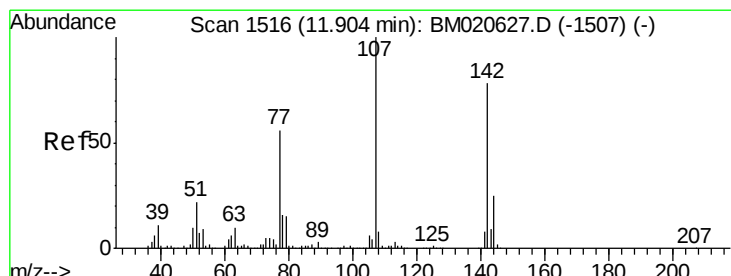
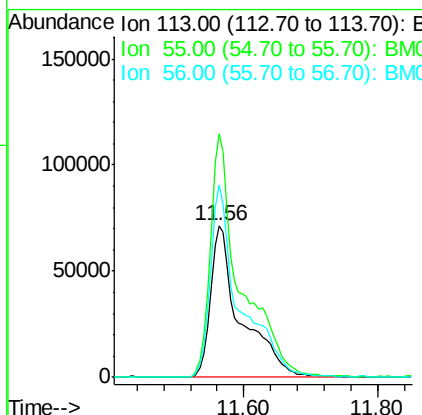
#35
Caprolactam
Concen: 34.854 ng/ml
RT: 11.56 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.4	141.1	181.1
56	127.1	105.0	145.0

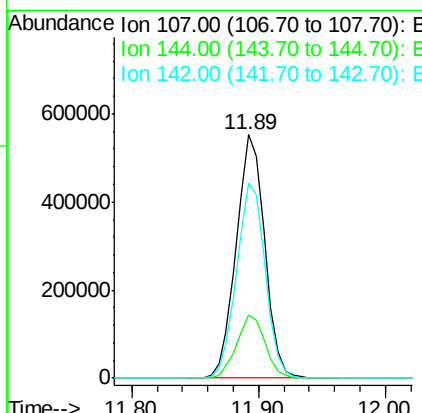
Manual Integrations
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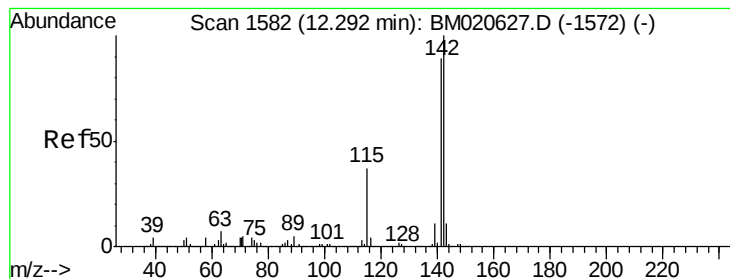
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.373 ng/ml
RT: 11.89 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.6	31.0
142	79.9	63.3	94.9





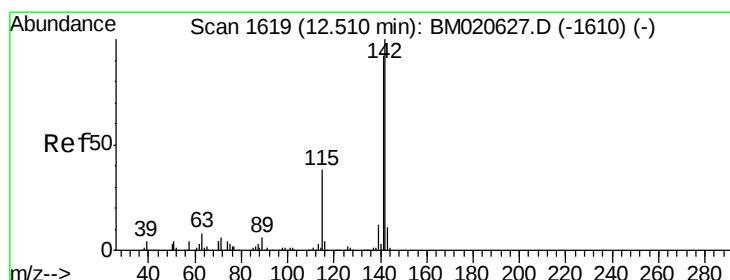
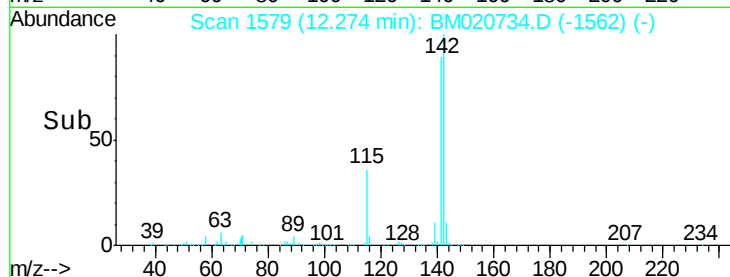
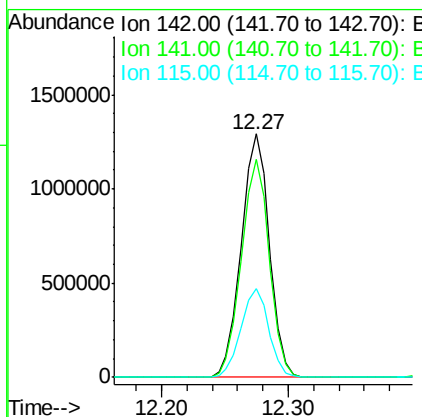
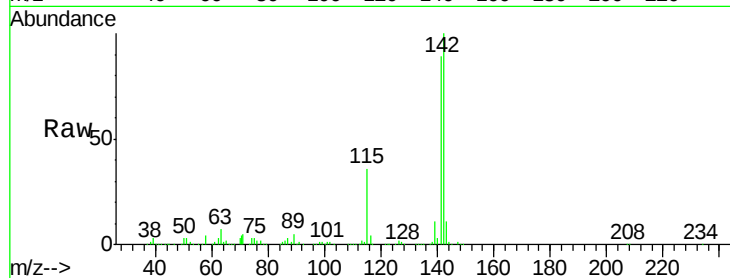
#37
2-Methylnaphthalene
Concen: 42.331 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
115	36.3	28.2	42.4

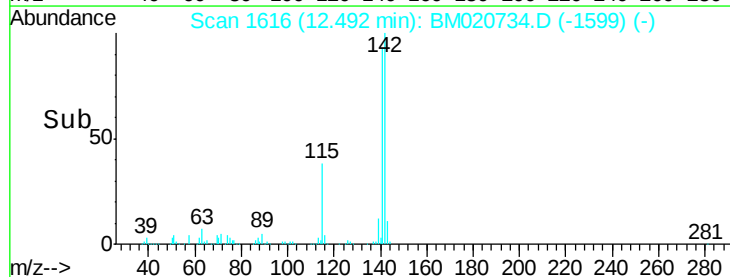
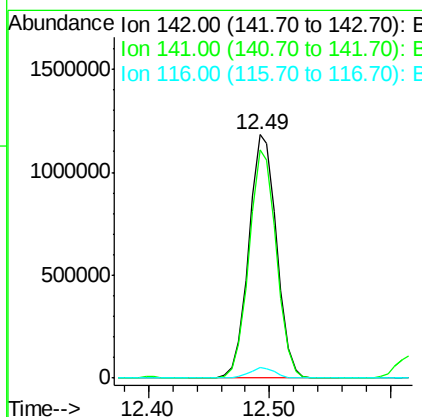
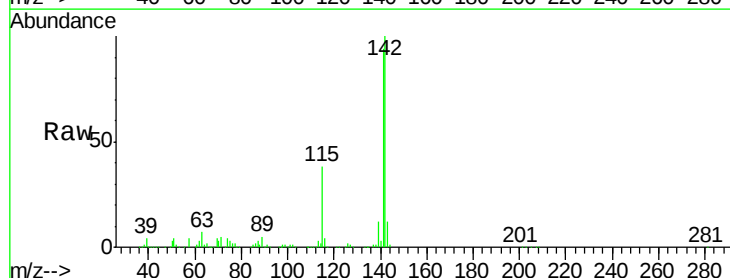
Manual Integrations
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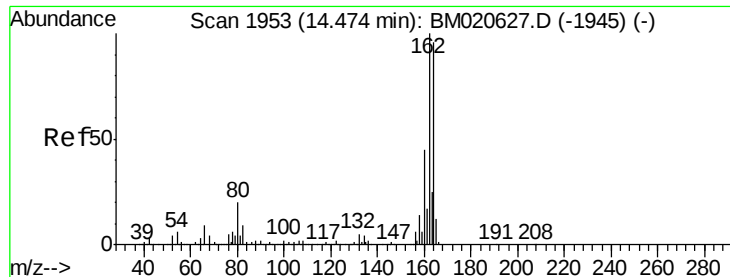
mohammad
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#38
1-Methylnaphthalene
Concen: 42.309 ng
RT: 12.49 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.1	111.1
116	4.2	3.2	4.8





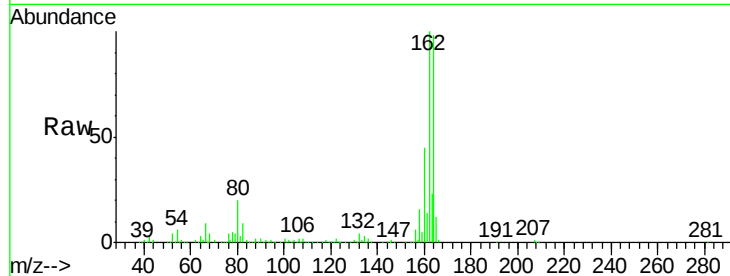
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	45.6	37.2	55.8

Manual Integrations
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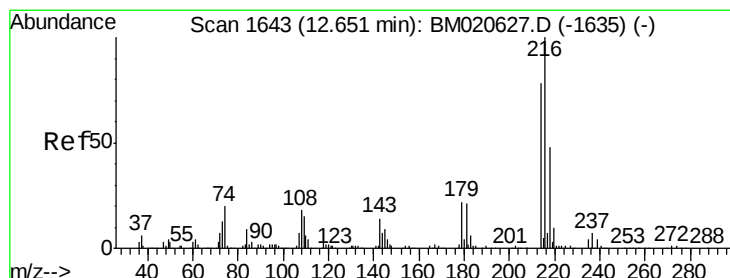
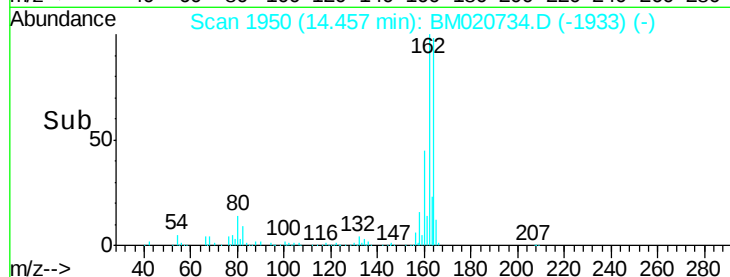
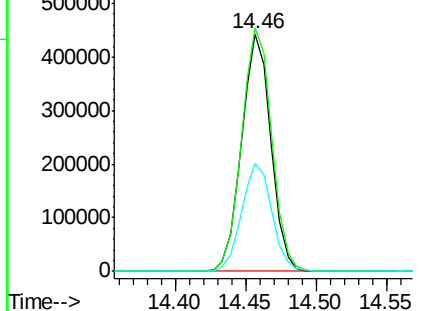


Abundance

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: 48.945 ng
RT: 12.64 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.1	94.7
179	21.8	17.3	25.9
108	20.7	14.6	22.0

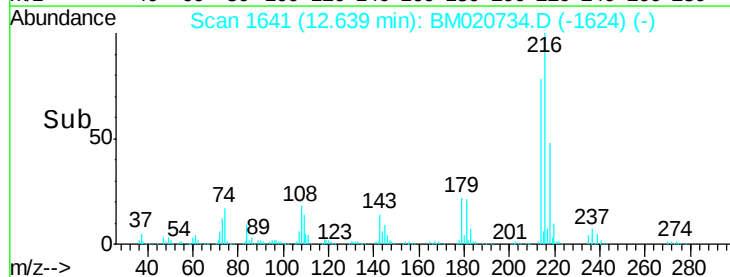
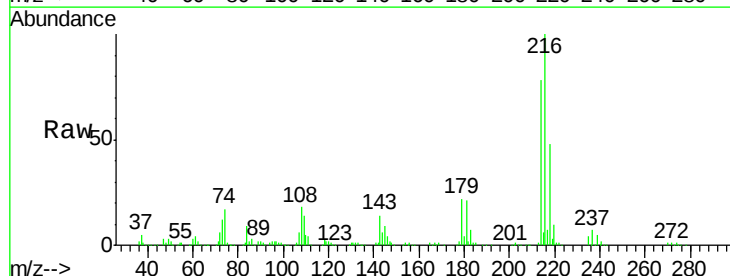
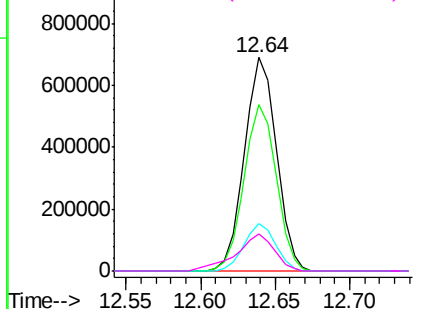
Abundance

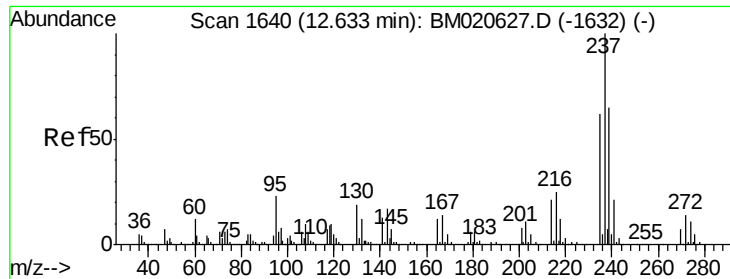
Ion 216.00 (215.70 to 216.70): E

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: 104.098 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:237 Resp: 1304376

Ion Ratio Lower Upper

237 100

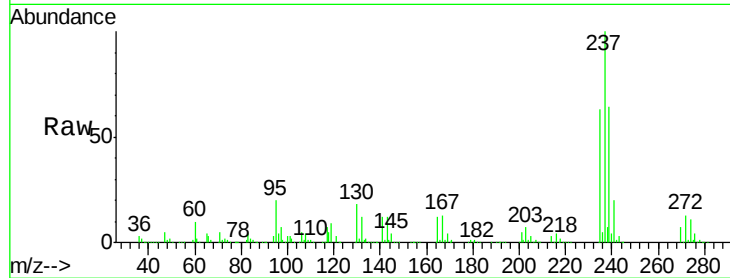
235 62.6 41.7 81.7

272 13.1 0.0 33.0

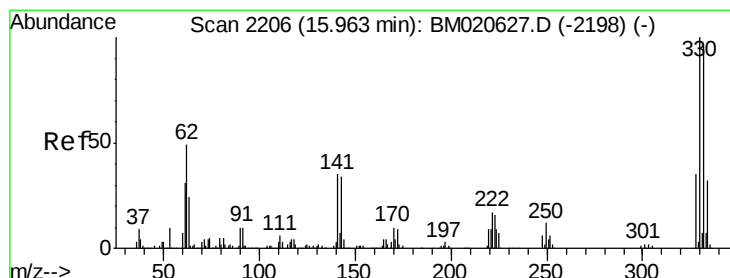
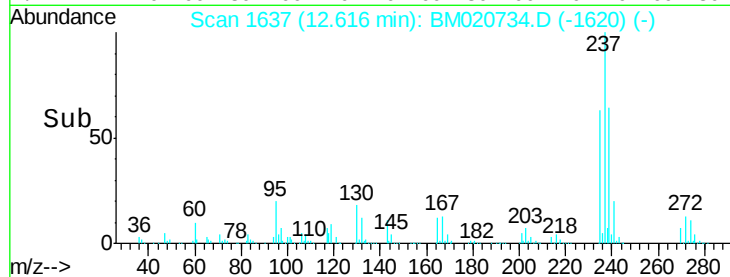
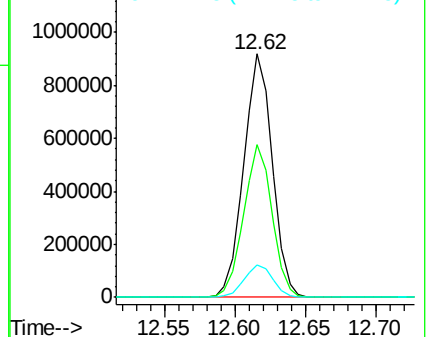
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.835 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

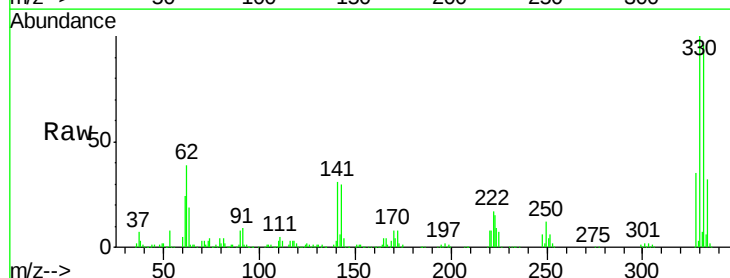
Tgt Ion:330 Resp: 1060120

Ion Ratio Lower Upper

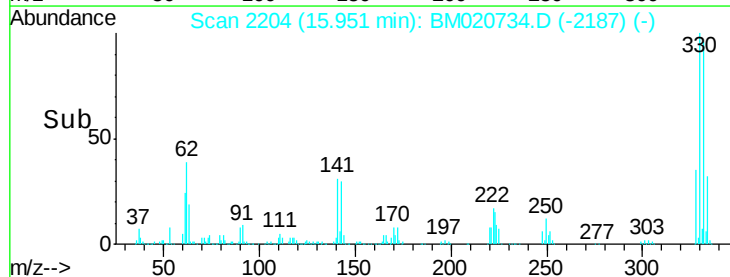
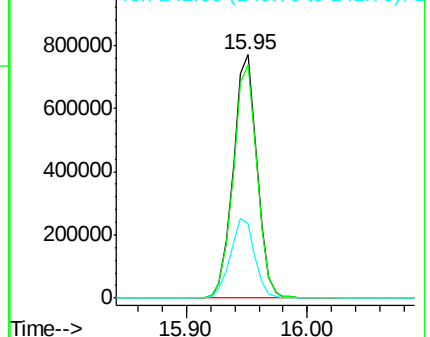
330 100

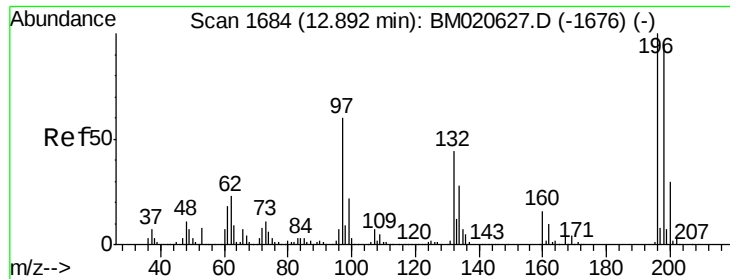
332 96.4 77.0 115.4

141 33.4 27.7 41.5



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





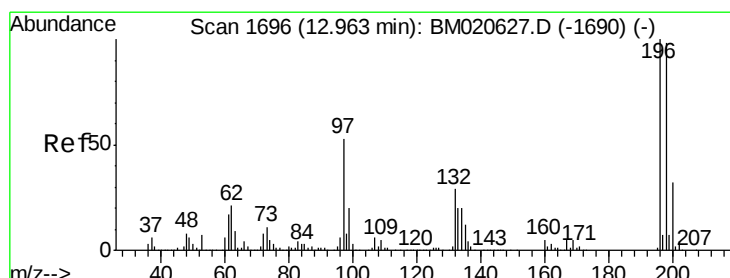
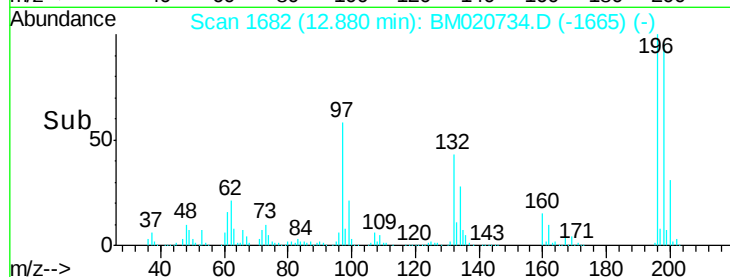
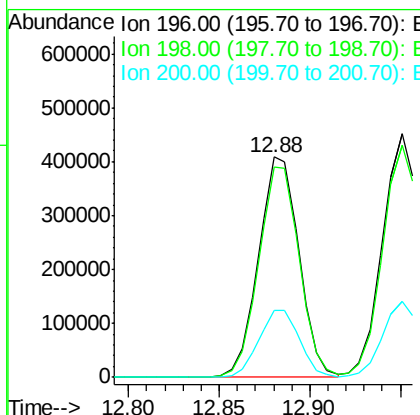
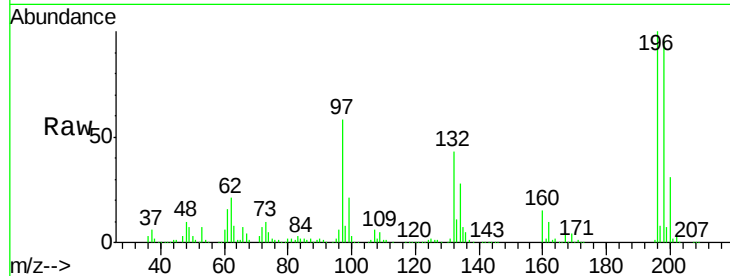
#43
 2,4,6-Trichlorophenol
 Concen: 47.027 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	634201		
198	95.7	76.4	114.6	
200	30.5	24.6	37.0	

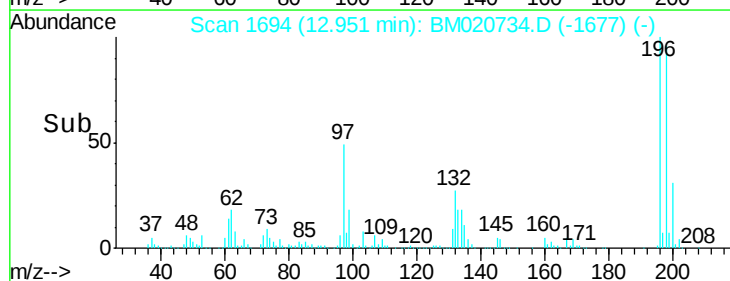
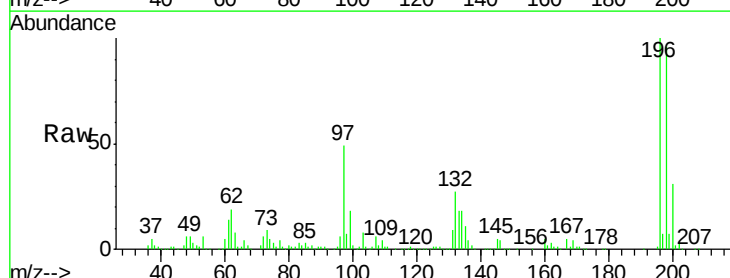
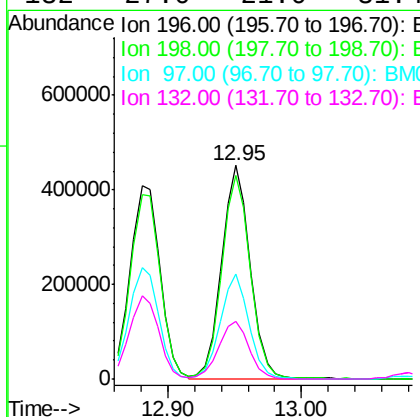
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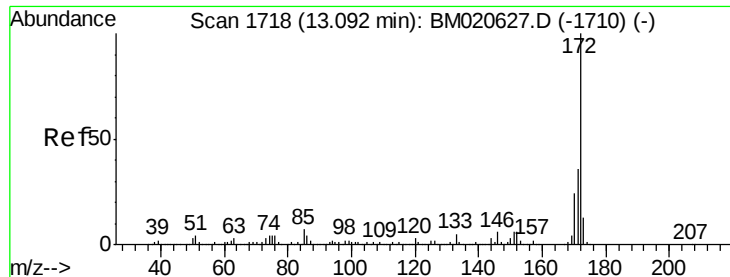
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.299 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	672451		
198	95.6	76.0	114.0	
97	49.4	39.8	59.8	
132	27.0	21.0	31.4	





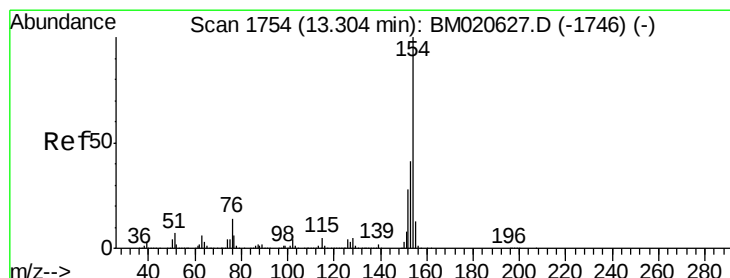
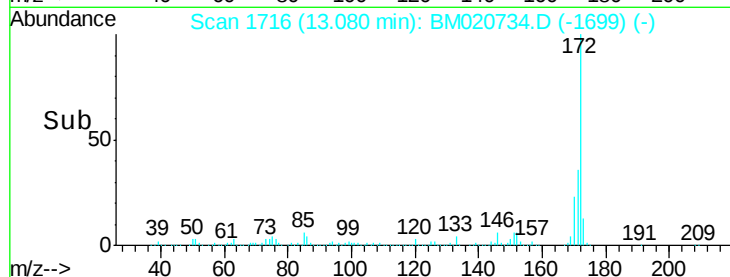
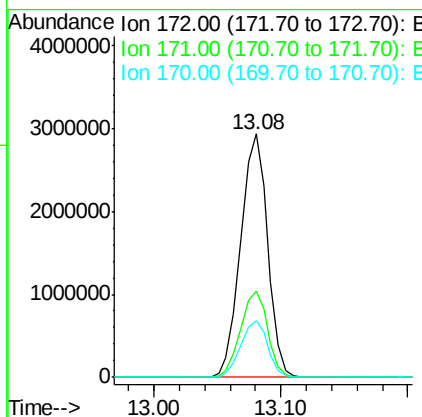
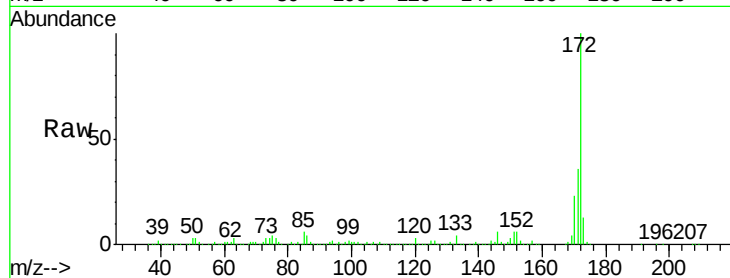
#45
2-Fluorobiphenyl
Concen: 89.595 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.4	18.5	27.7

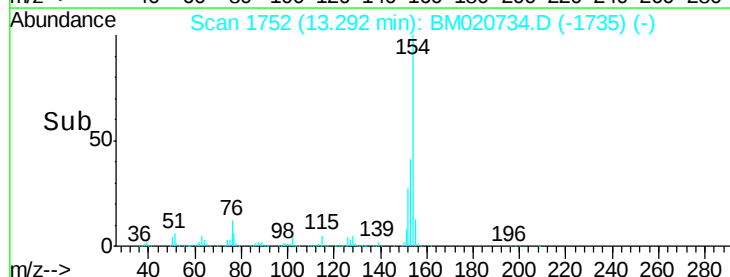
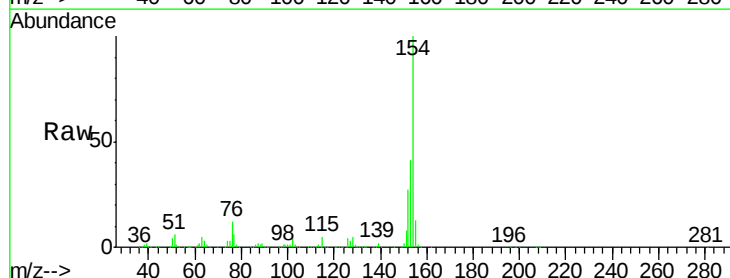
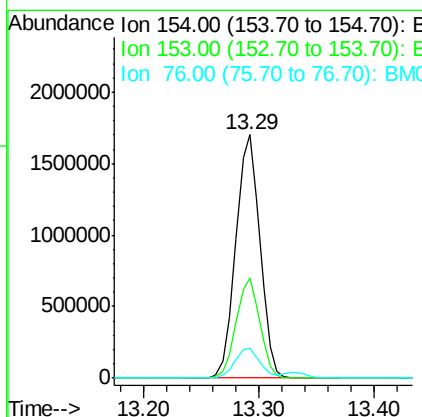
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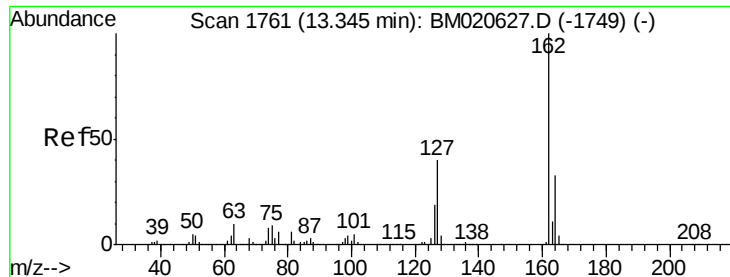
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#46
1,1'-Biphenyl
Concen: 46.057 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.3	0.0	32.5





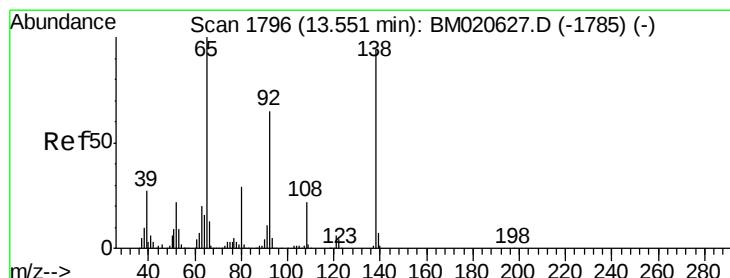
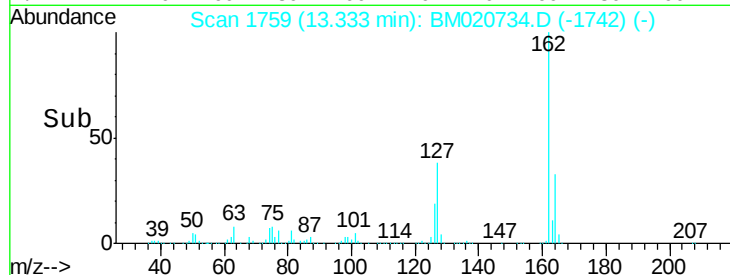
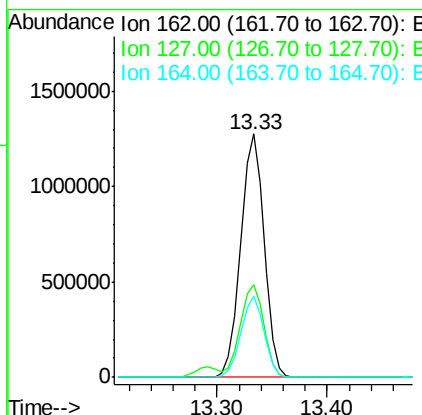
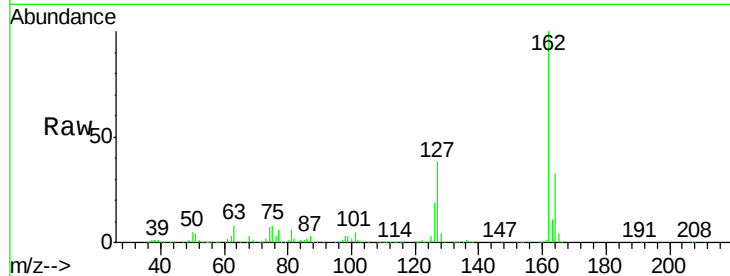
#47
2-Chloronaphthalene
Concen: 44.290 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.1	46.7
164	33.3	26.1	39.1

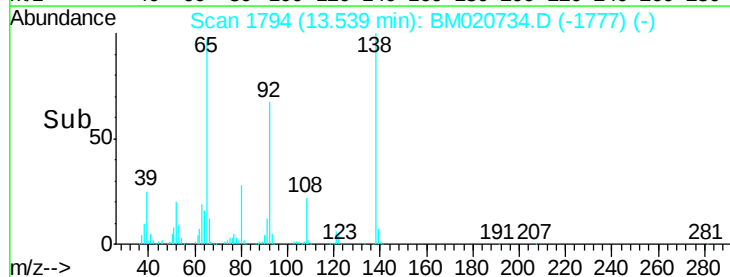
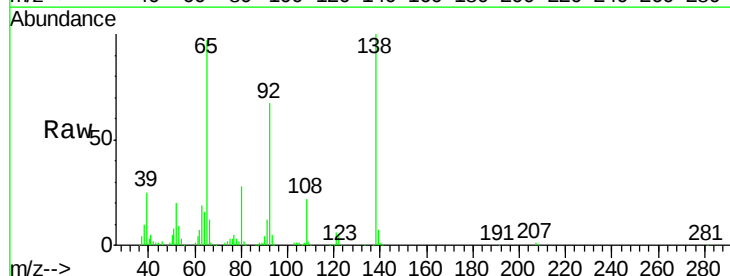
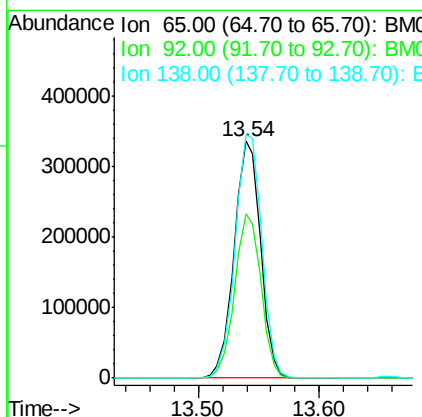
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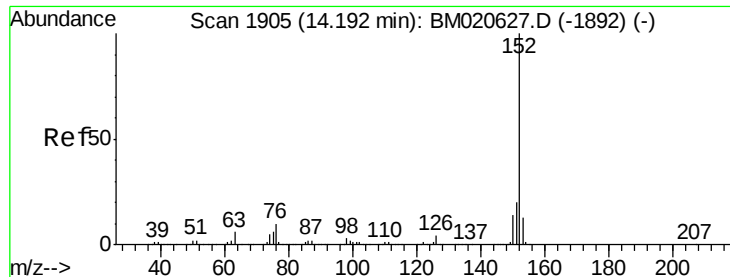
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#48
2-Nitroaniline
Concen: 37.893 ng
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.2	82.8
138	102.8	82.6	124.0





#49

Acenaphthylene

Concen: 43.788 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:152 Resp: 2944242

Ion Ratio Lower Upper

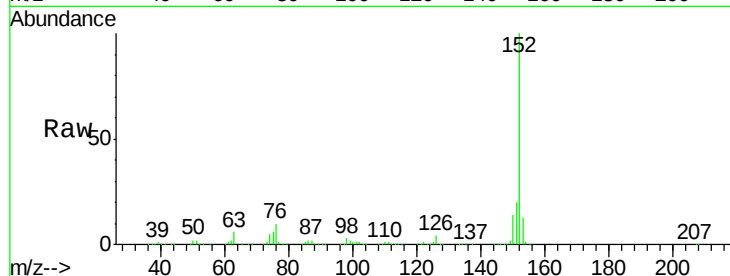
152 100

151 19.7 16.2 24.2

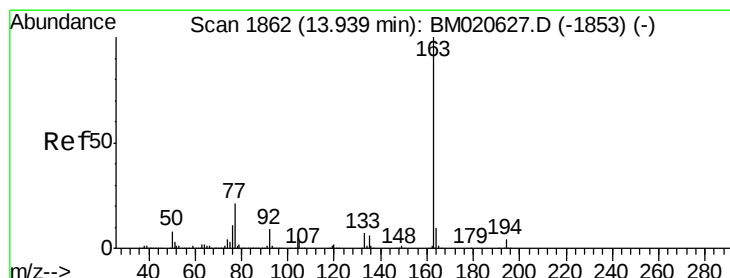
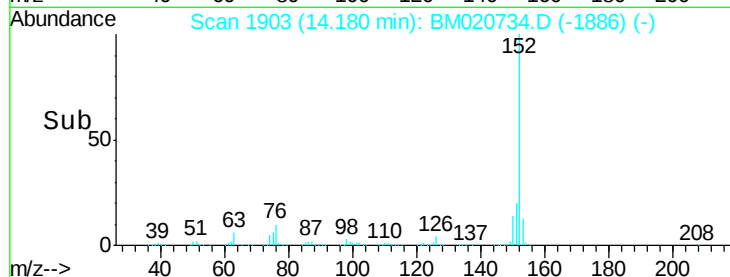
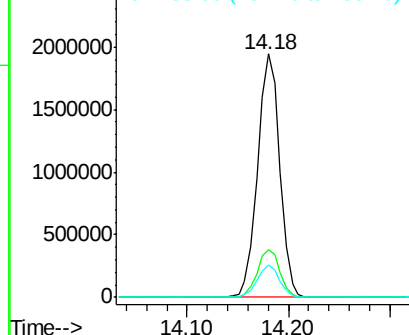
153 13.2 10.6 15.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.085 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

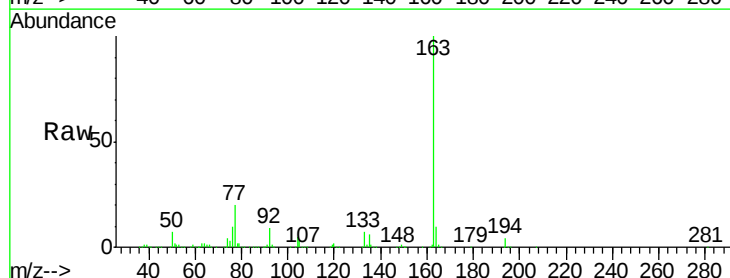
Tgt Ion:163 Resp: 2189440

Ion Ratio Lower Upper

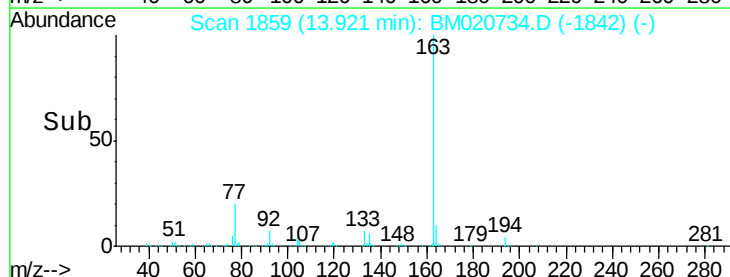
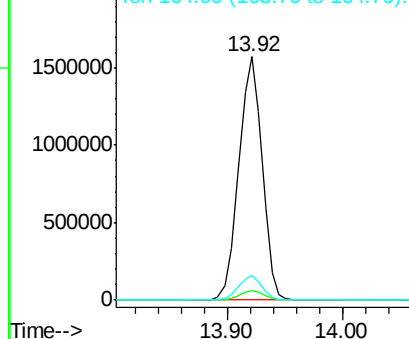
163 100

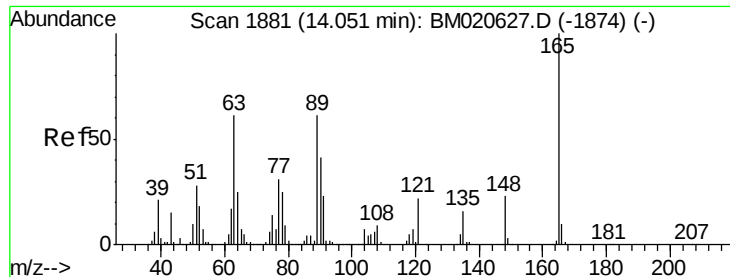
194 3.9 3.2 4.8

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.300 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

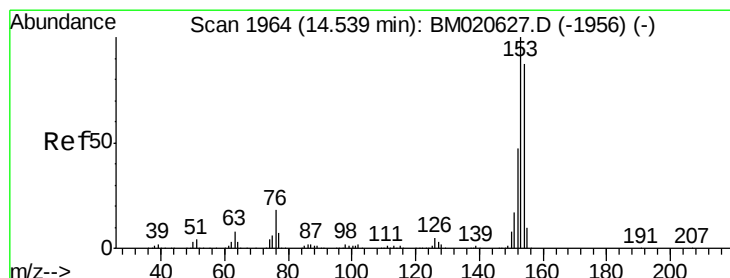
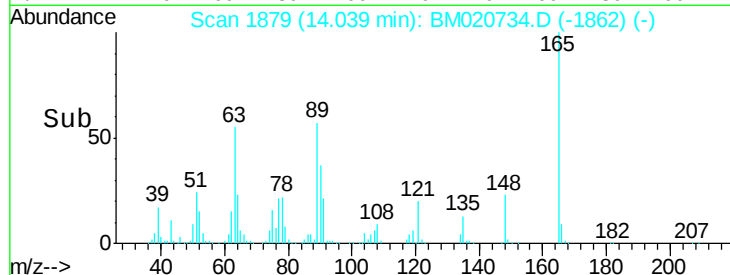
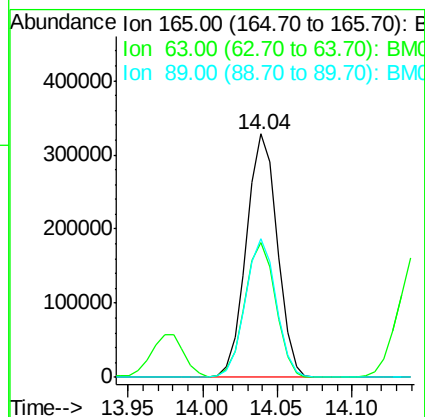
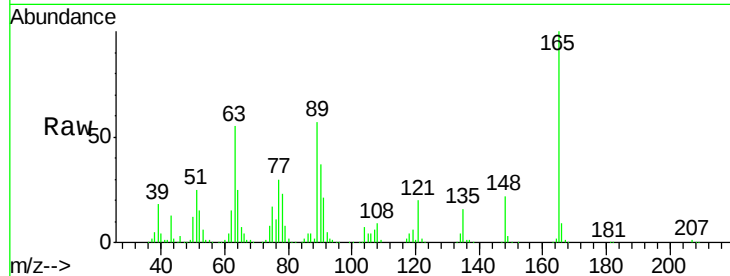
PB119779BS

Tot Ion:165 Resp: 469139
Ion Ratio Lower Upper

165	100		
63	55.2	45.0	67.6
89	56.7	43.5	65.3

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#52

Acenaphthene

Concen: 42.889 ng

RT: 14.52 min Scan# 1961

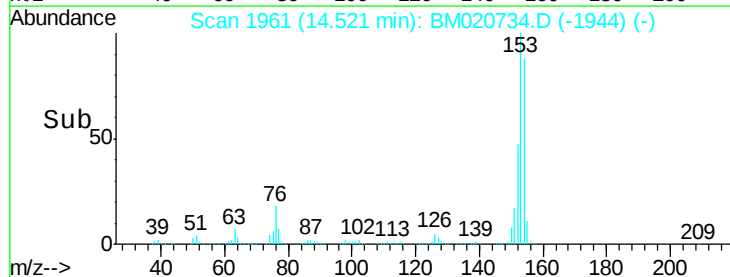
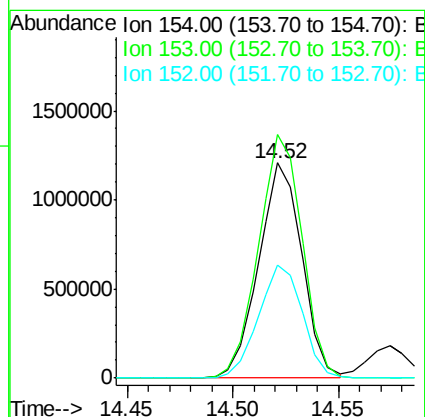
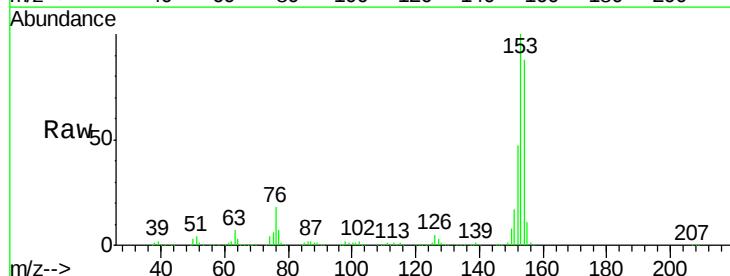
Delta R.T. -0.00 min

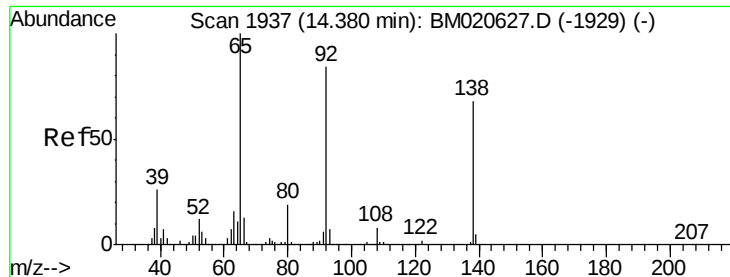
Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:154 Resp: 1718579
Ion Ratio Lower Upper

154	100		
153	113.2	90.6	135.8
152	52.7	42.6	63.8





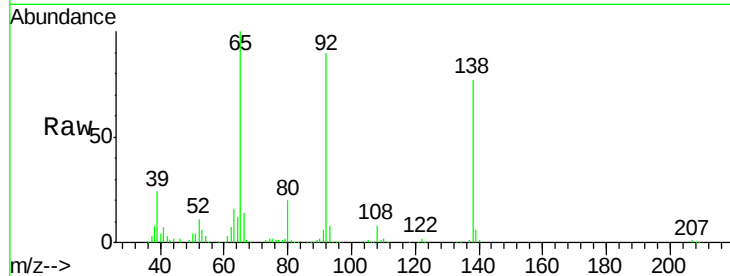
#53
3-Nitroaniline
Concen: 22.670 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

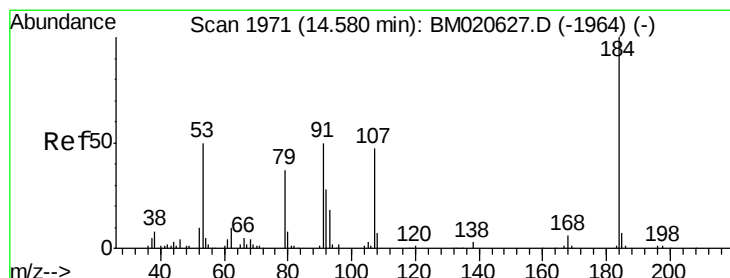
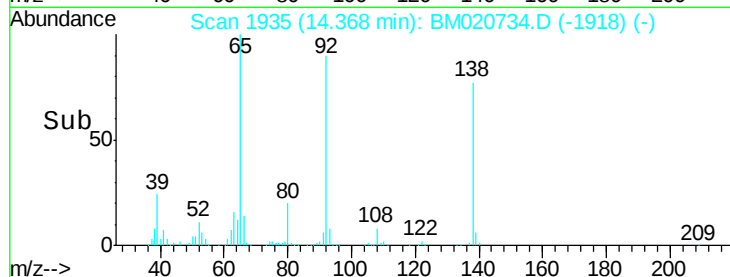
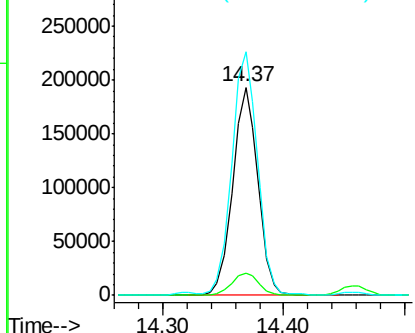
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.9	13.3
92	117.1	95.2	142.8

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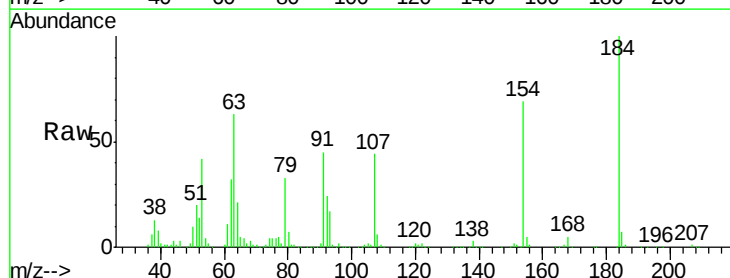


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

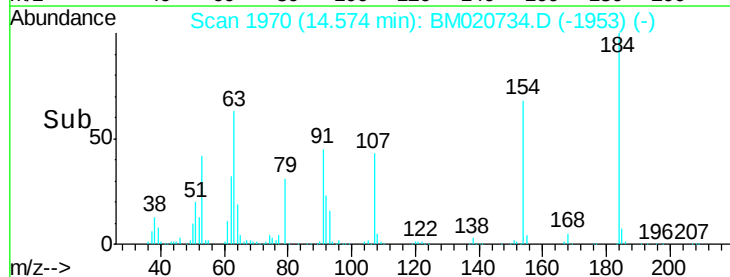
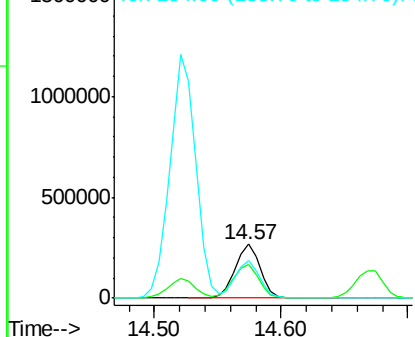


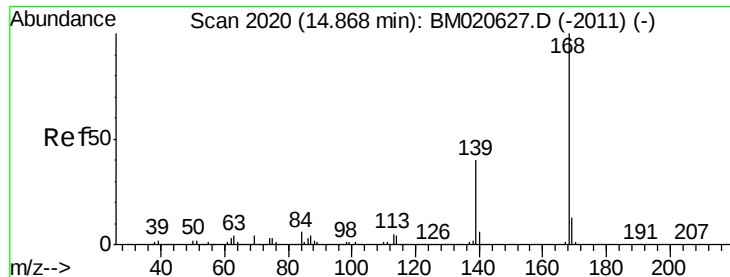
#54
2,4-Dinitrophenol
Concen: 77.349 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.8	49.8	74.8
154	68.6	55.4	83.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





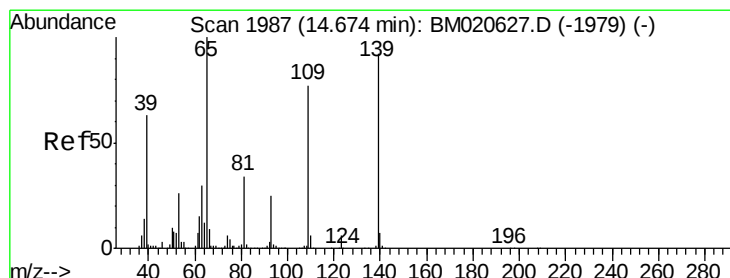
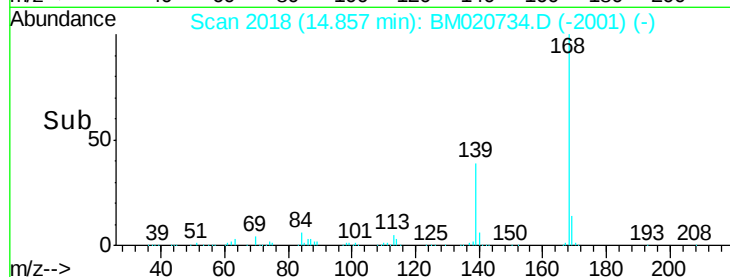
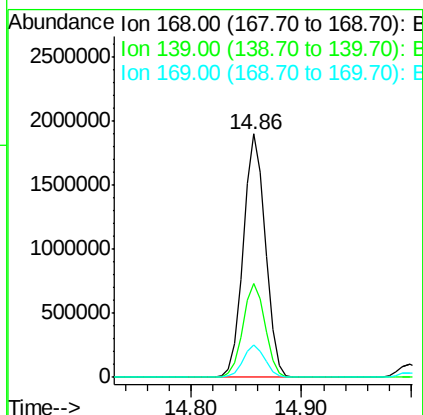
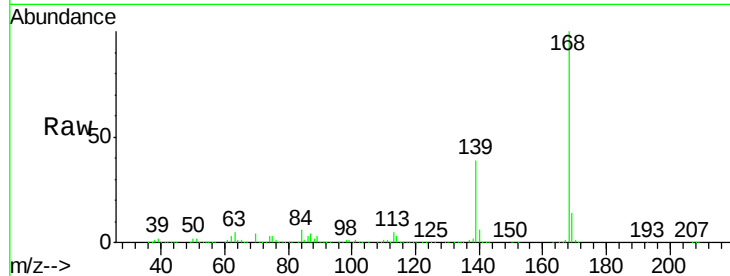
#55
Dibenzofuran
Concen: 42.890 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.1	46.7
169	13.6	10.6	15.8

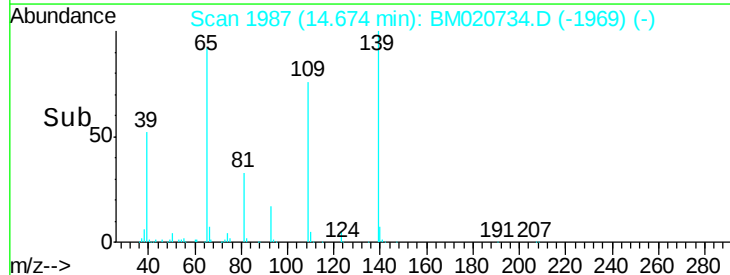
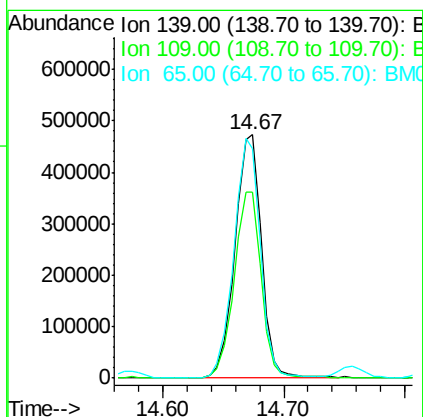
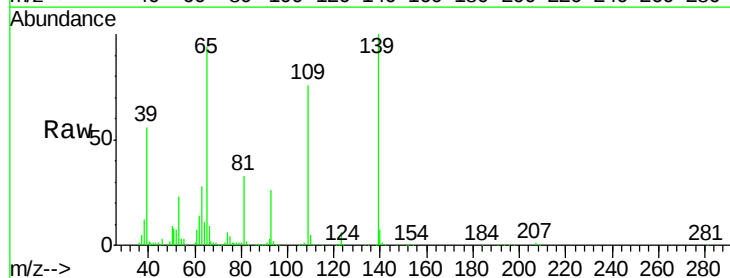
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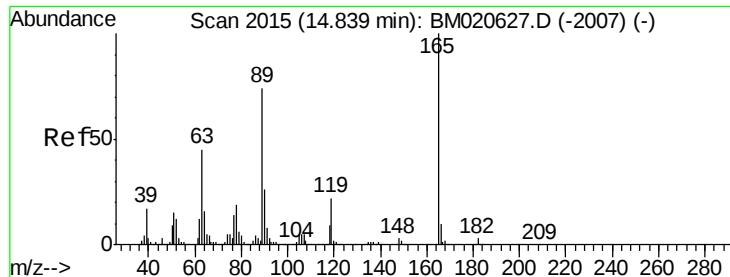
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#56
4-Nitrophenol
Concen: 79.699 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	58.0	98.0
65	94.3	78.3	118.3





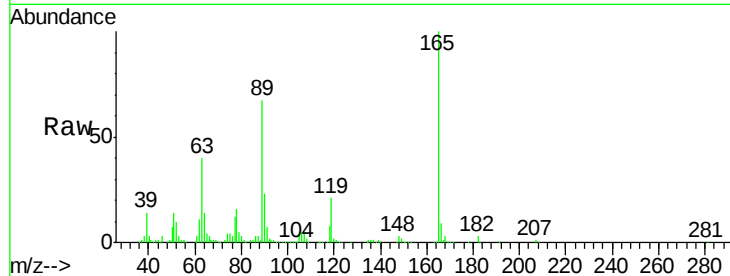
#57
2,4-Dinitrotoluene
Concen: 40.923 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		607696		
63	39.8		32.8	49.2	
89	67.3		55.9	83.9	
182	2.9		2.4	3.6	

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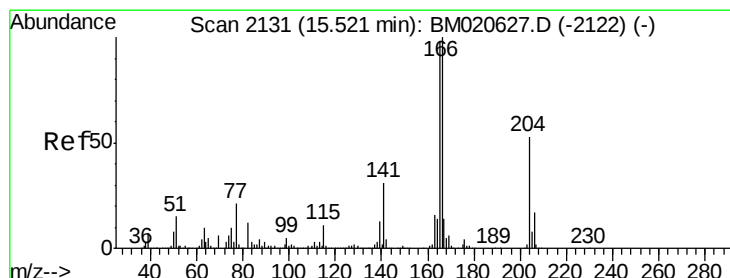
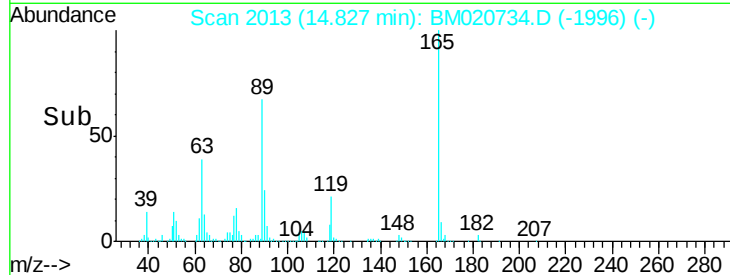
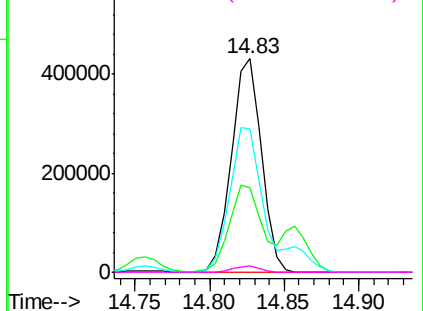


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM020627.D (-2007) (-)

Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



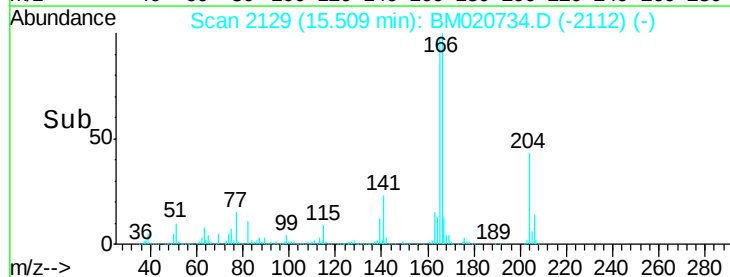
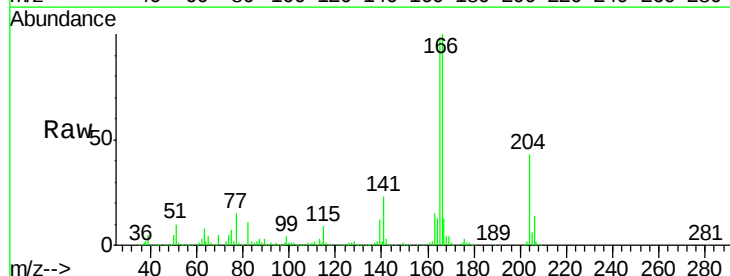
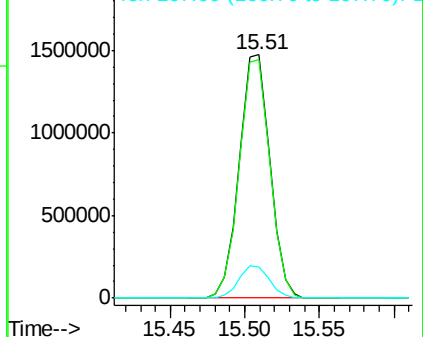
#58
Fluorene
Concen: 41.120 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

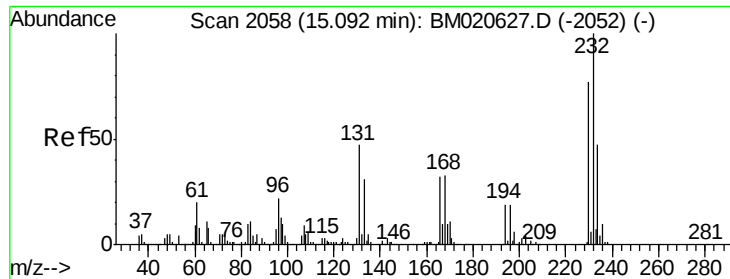
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2104472		
165	97.9		79.4	119.2	
167	13.0		10.8	16.2	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





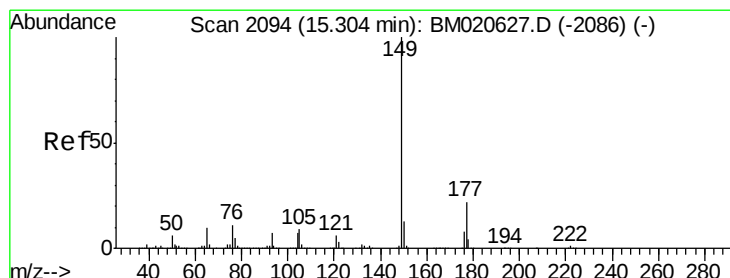
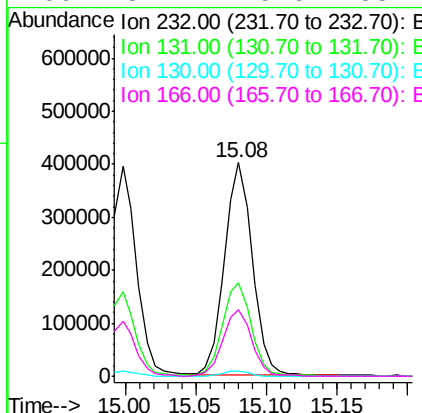
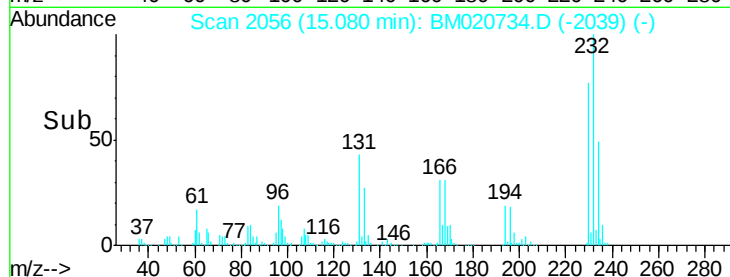
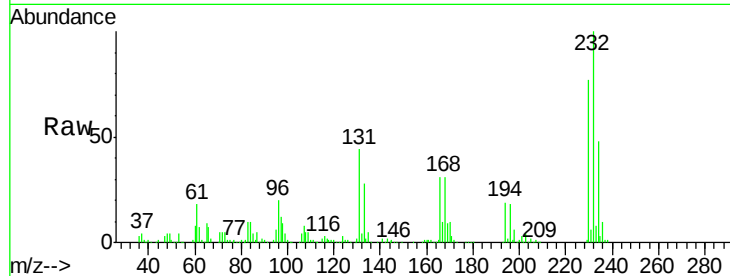
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.496 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	36.9	55.3
130	2.5	2.0	3.0
166	32.1	25.6	38.4

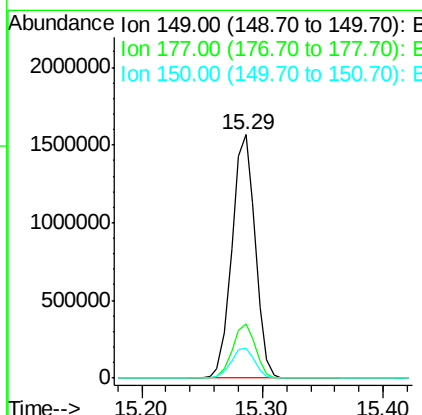
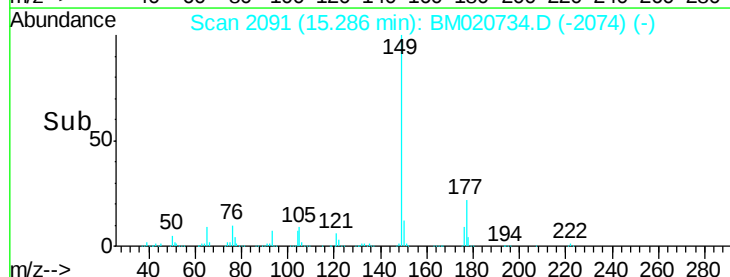
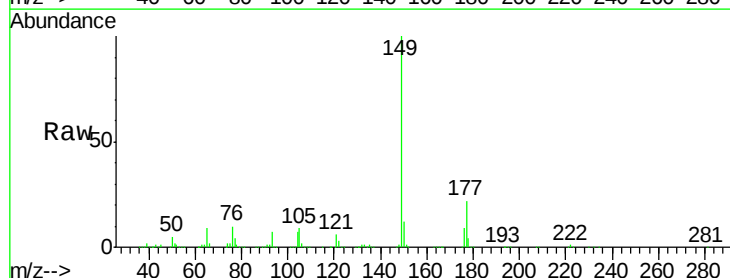
Manual Integrations
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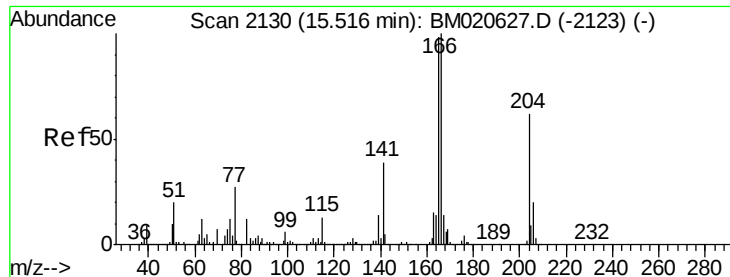
mohammad
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#60
 Diethylphthalate
 Concen: 37.163 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.3	10.0	15.0





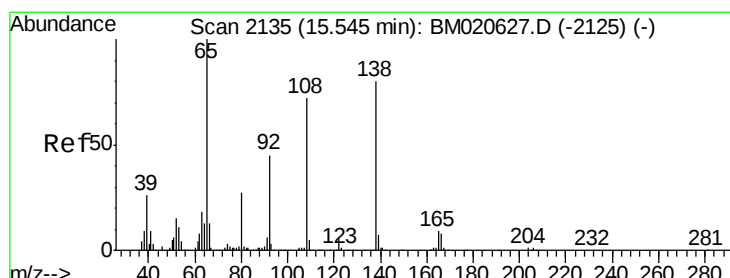
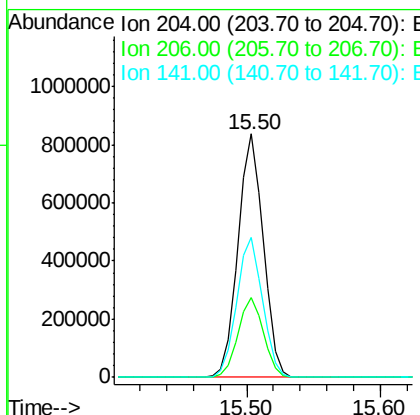
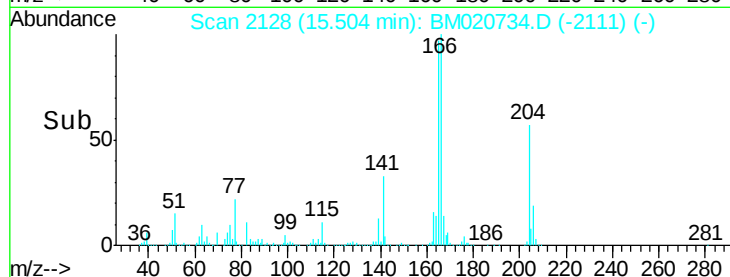
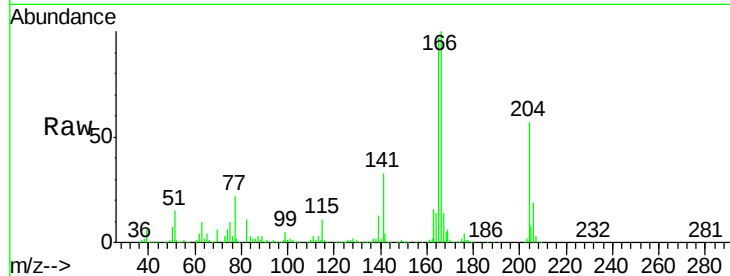
#61
4-Chlorophenyl-phenylether
Concen: 40.484 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion:204 Resp: 1097021
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 57.3 46.7 70.1

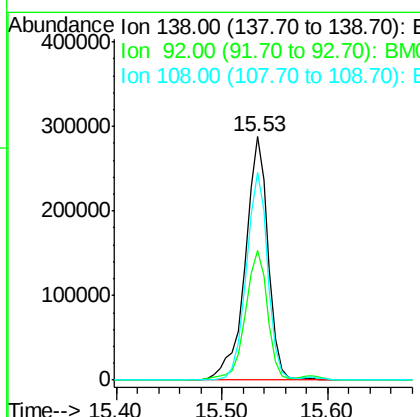
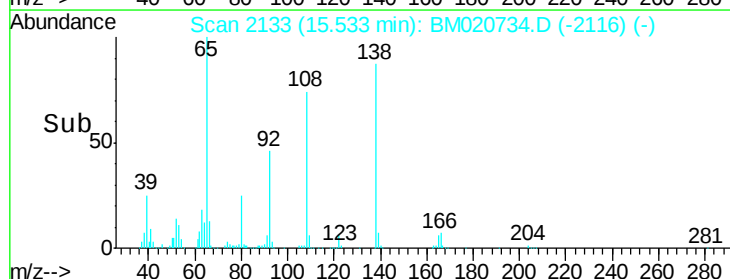
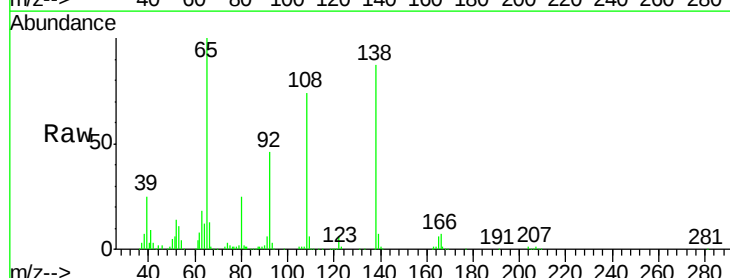
Manual Integrations
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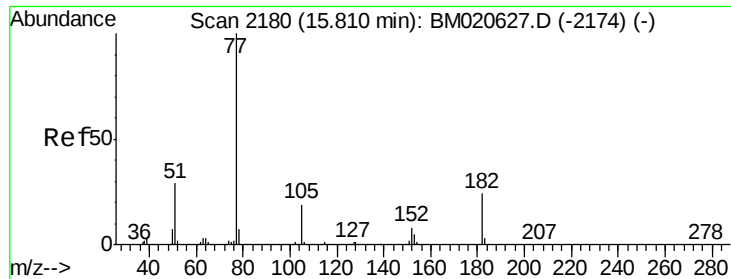
mohammad
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#62
4-Nitroaniline
Concen: 33.224 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion:138 Resp: 436191
Ion Ratio Lower Upper
138 100
92 53.5 33.2 73.2
108 85.4 64.1 104.1





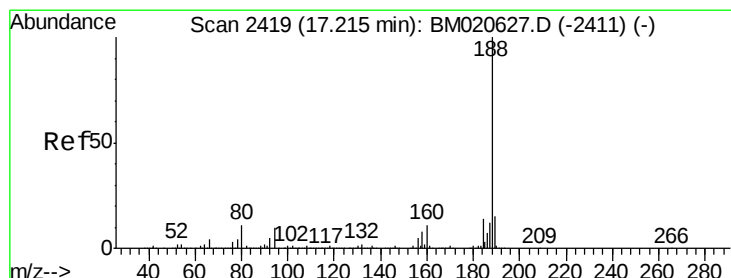
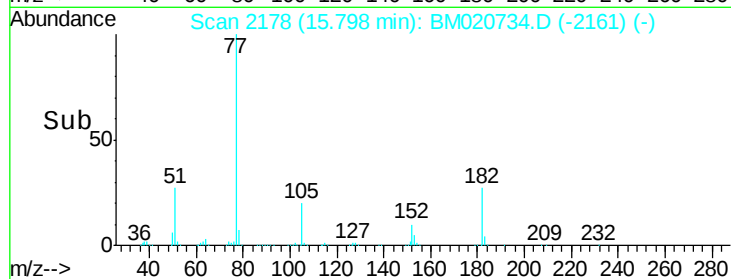
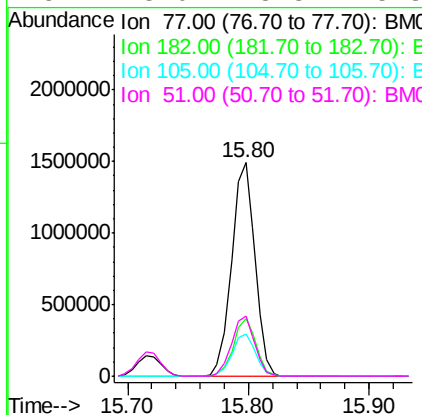
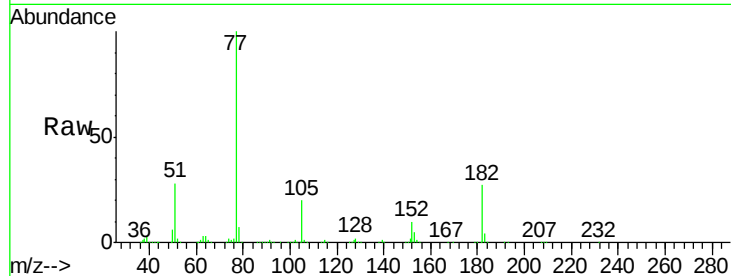
#63
Azobenzene
Concen: 37.040 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.8	6.3	46.3	
105	19.9	0.4	40.4	
51	28.0	8.3	48.3	

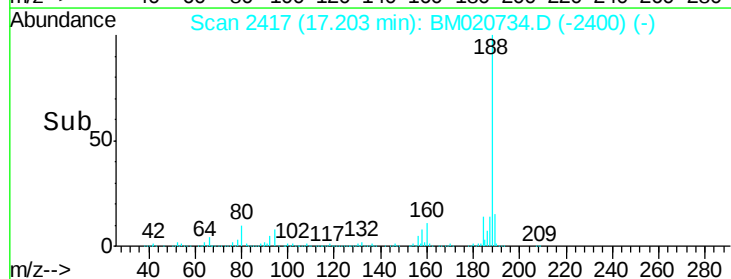
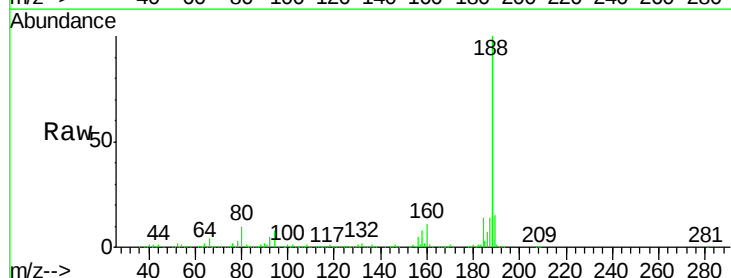
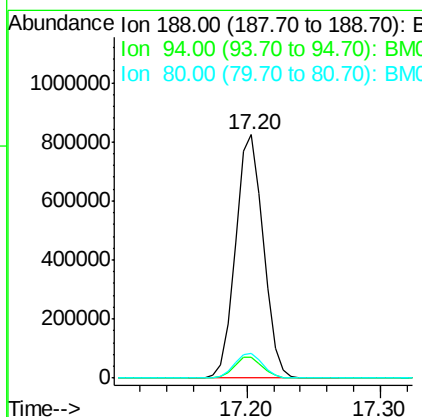
Manual Integrations
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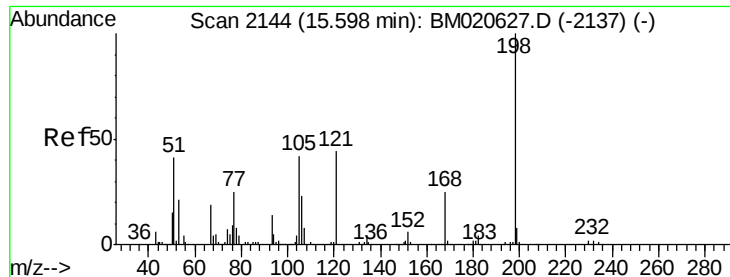
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.0	10.4	
80	10.1	7.8	11.8	





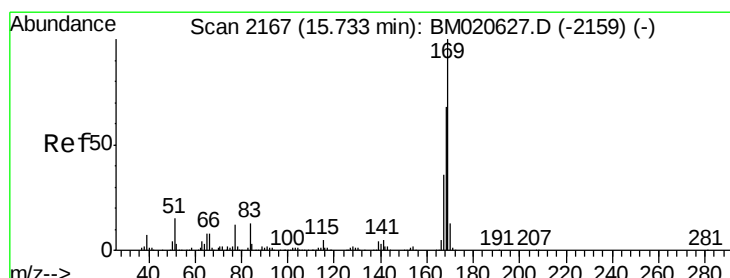
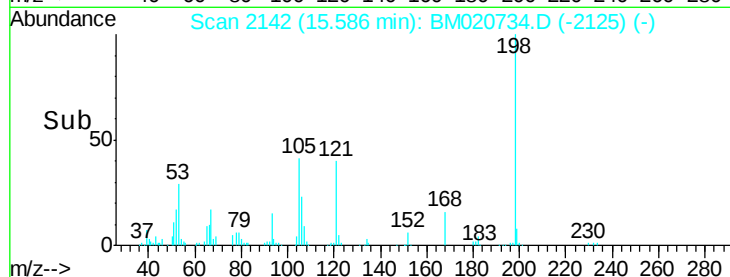
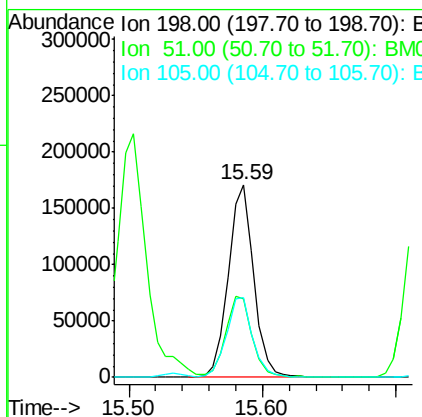
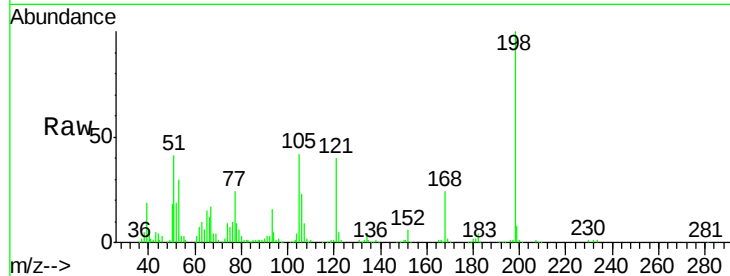
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.408 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	228810		
51	40.5	21.6	61.6	
105	41.5	20.6	60.6	

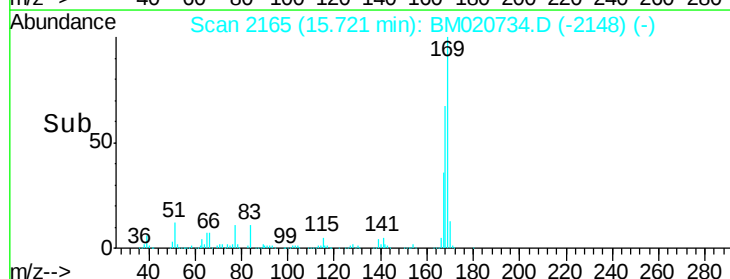
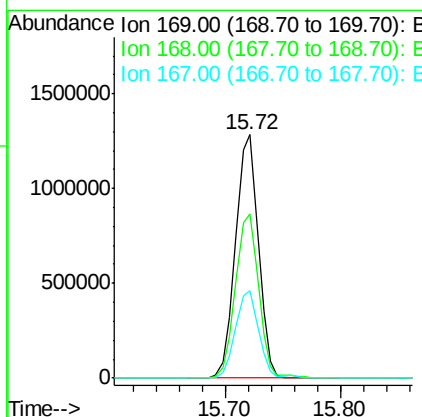
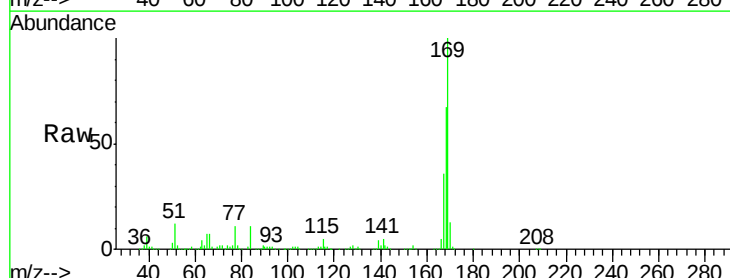
Manual Integrations
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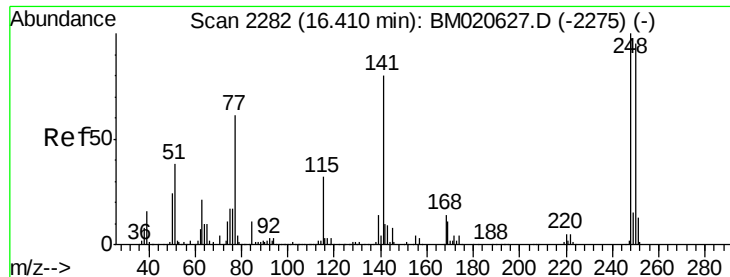
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#66
 n-Nitrosodiphenylamine
 Concen: 46.345 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1760585		
168	67.3	54.7	82.1	
167	36.2	29.3	43.9	





#67

4-Bromophenyl-phenylether

Concen: 45.305 ng

RT: 16.40 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

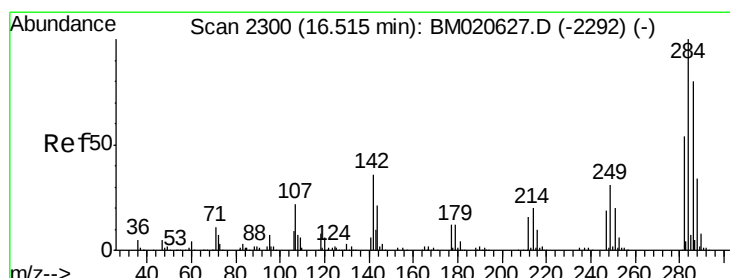
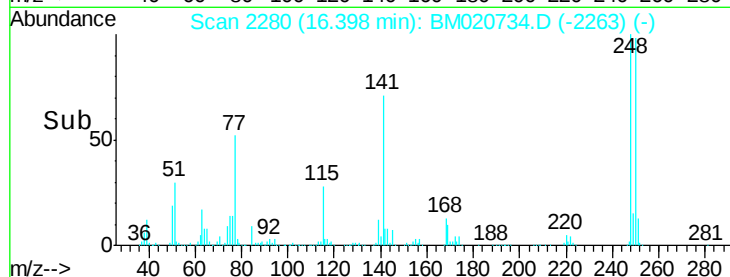
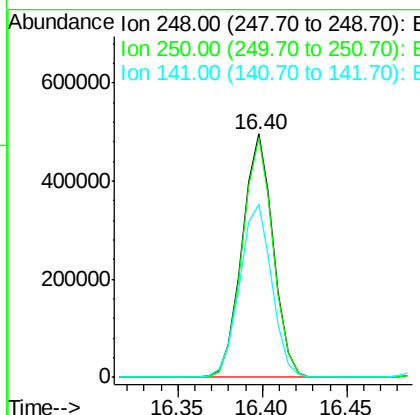
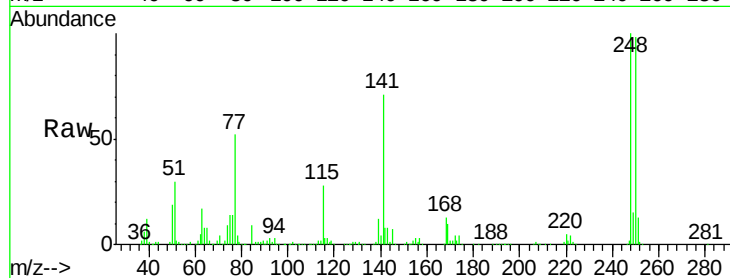
ClientSampleId :

PB119779BS

Tot Ion:	248	Resp:	633009
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.4	116.2
141	71.2	58.2	87.2

Manual Integrations
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#68

Hexachlorobenzene

Concen: 44.458 ng

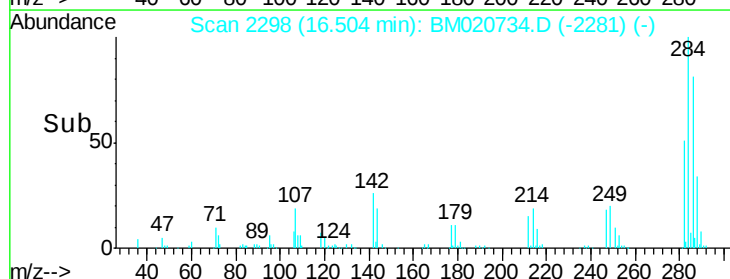
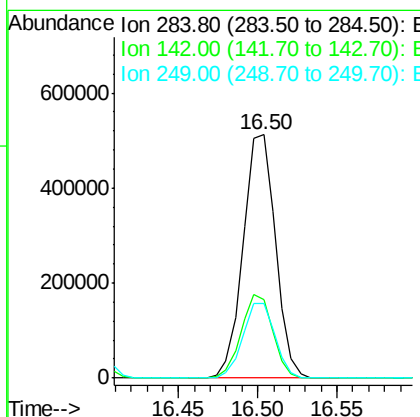
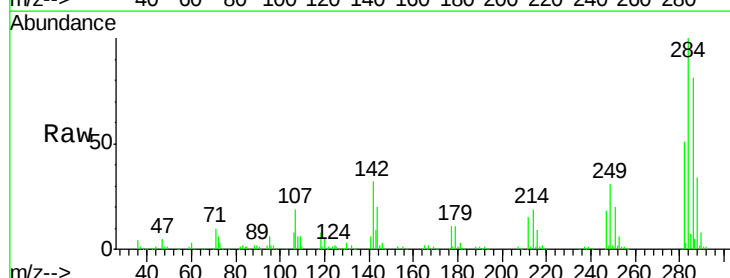
RT: 16.50 min Scan# 2298

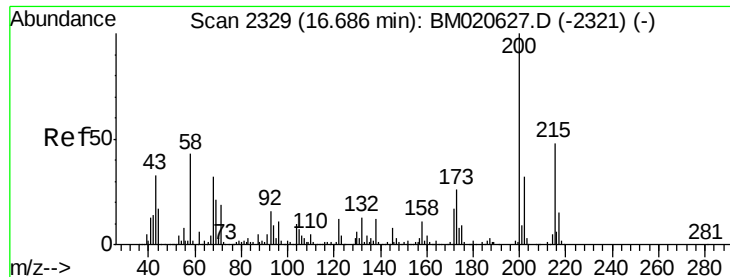
Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:	284	Resp:	725348
Ion Ratio	Lower	Upper	
284	100		
142	32.3	25.4	38.0
249	30.8	24.9	37.3





#69

Atrazine

Concen: 47.683 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:200 Resp: 540626

Ion Ratio Lower Upper

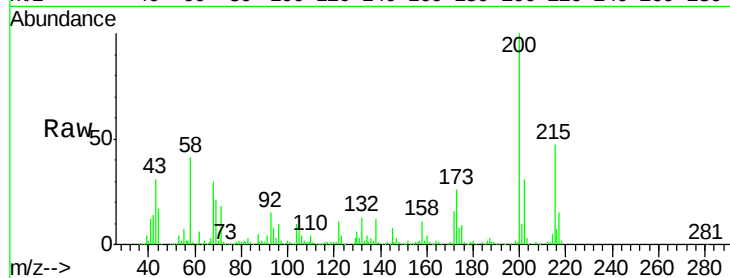
200 100

173 26.1 5.7 45.7

215 47.2 28.2 68.2

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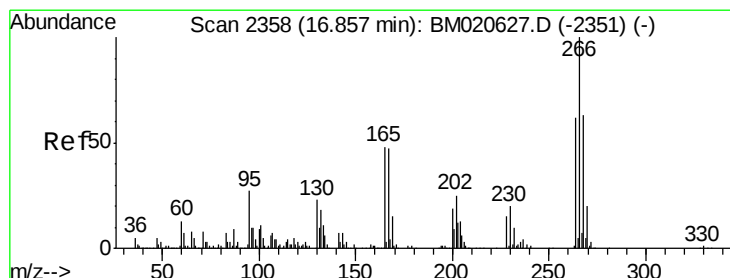
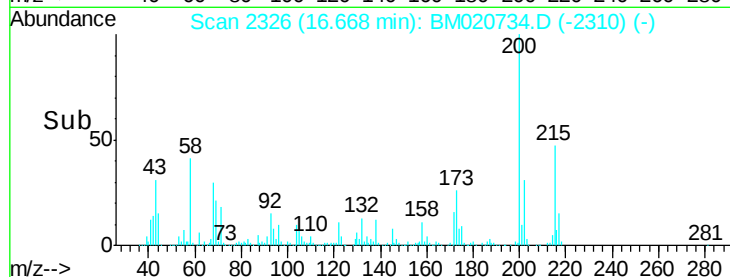
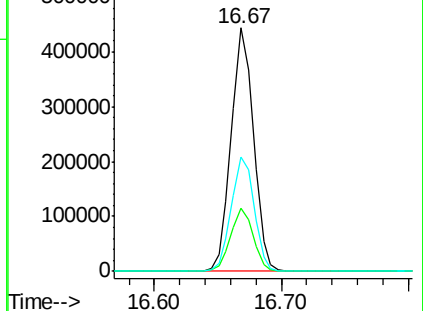
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Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.759 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

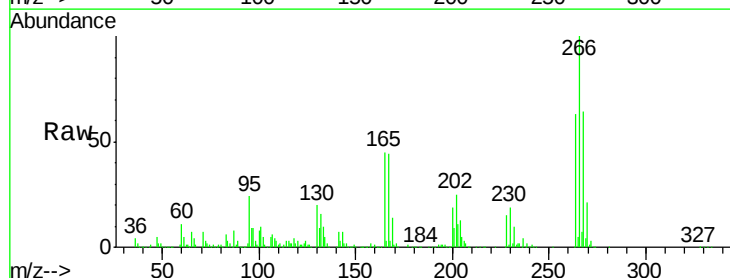
Tgt Ion:266 Resp: 799820

Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

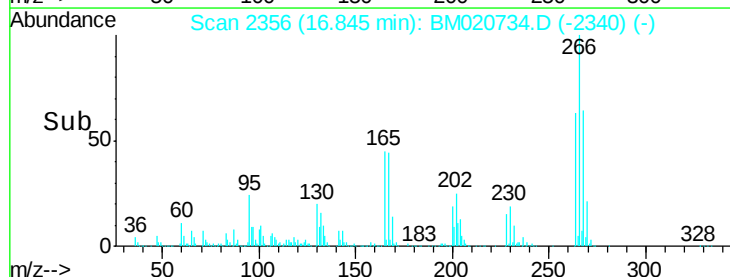
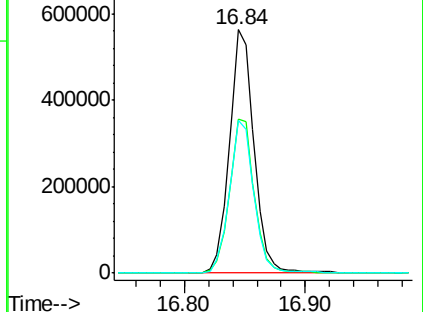
264 62.9 49.9 74.9

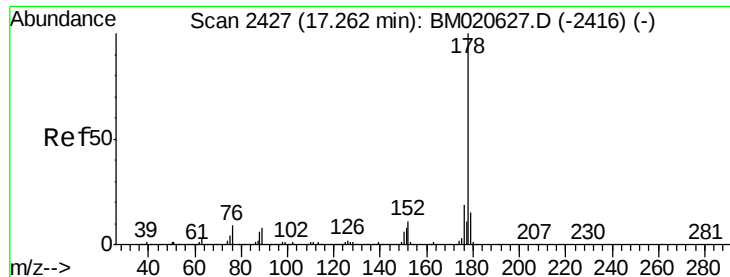


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





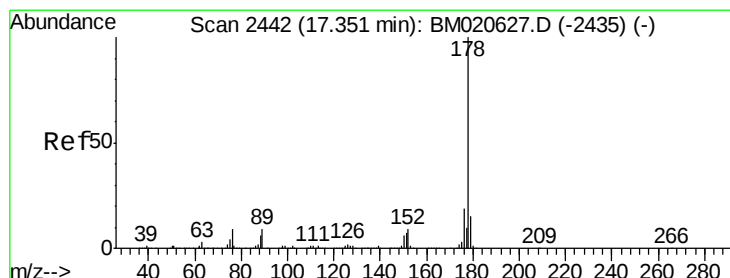
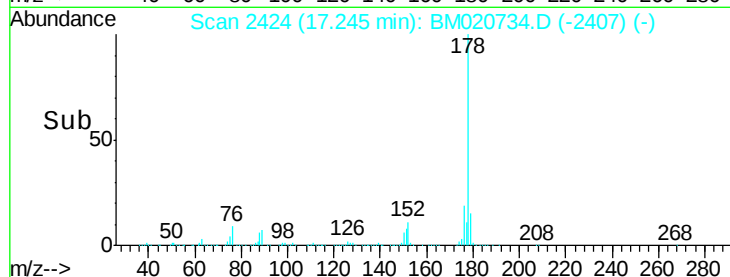
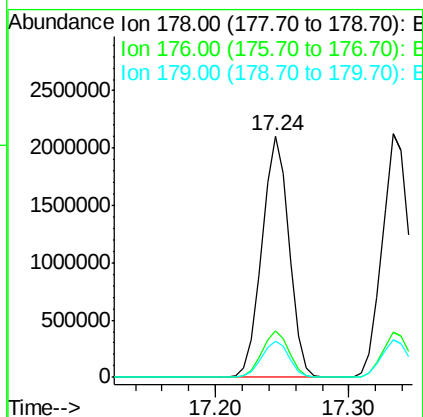
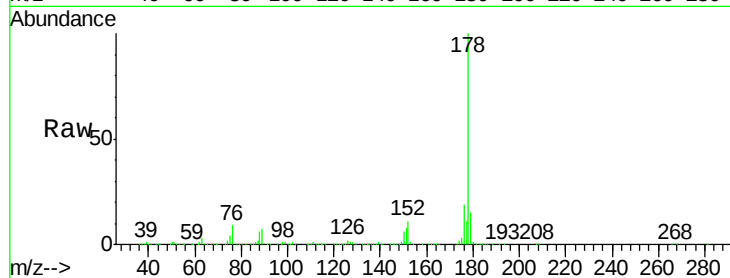
#71
Phenanthrene
Concen: 43.839 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.1	12.3	18.5

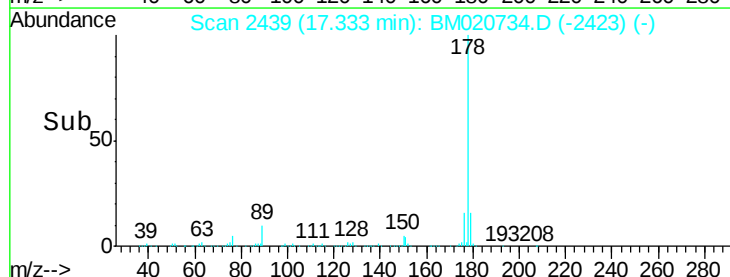
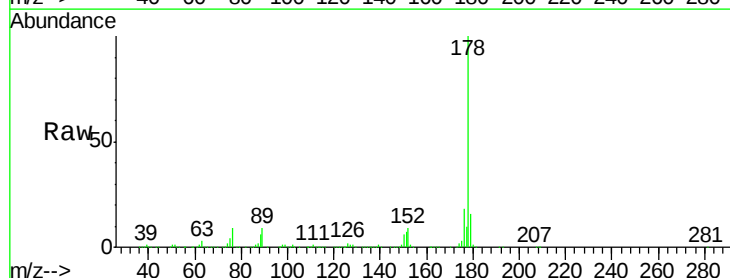
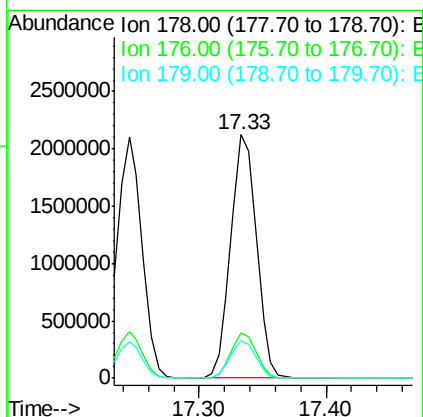
Manual Integrations
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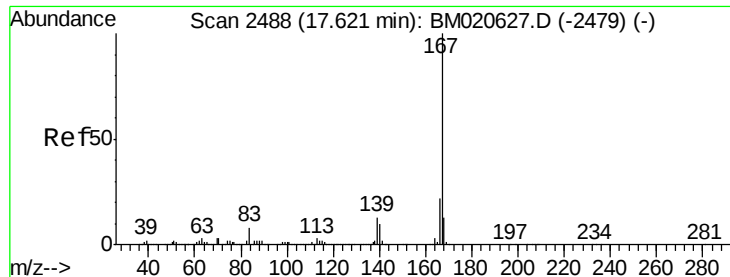
mohammad
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#72
Anthracene
Concen: 44.304 ng
RT: 17.33 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.6	11.9	17.9





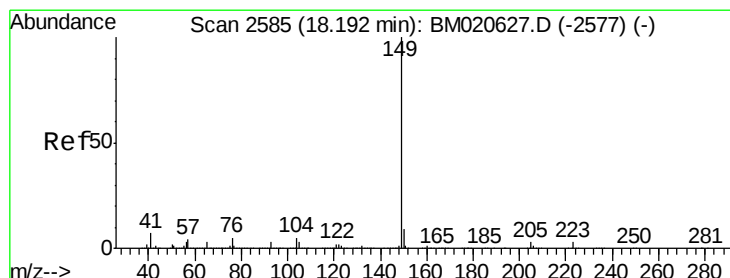
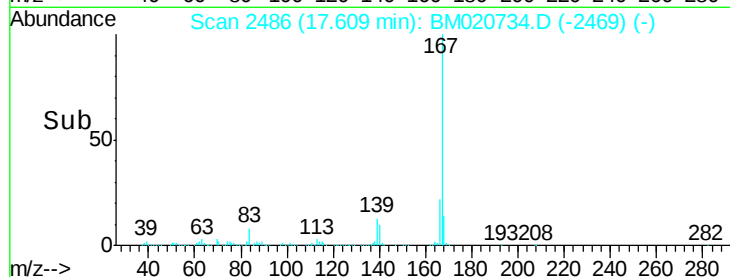
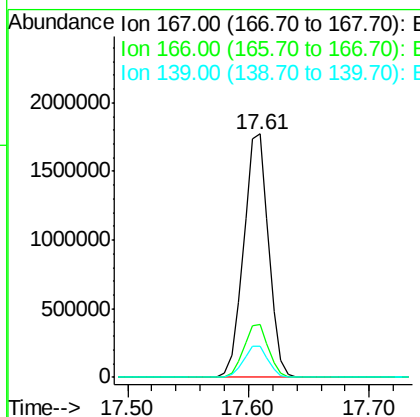
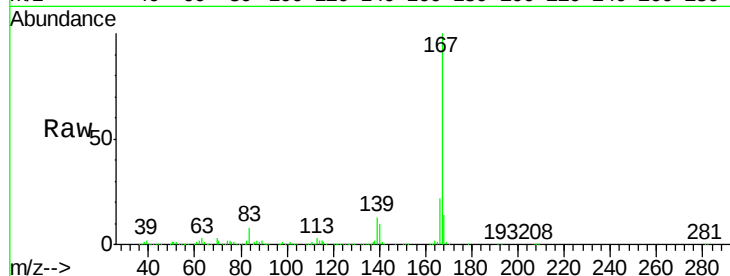
#73
 Carbazole
 Concen: 41.630 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.8	10.2	15.4

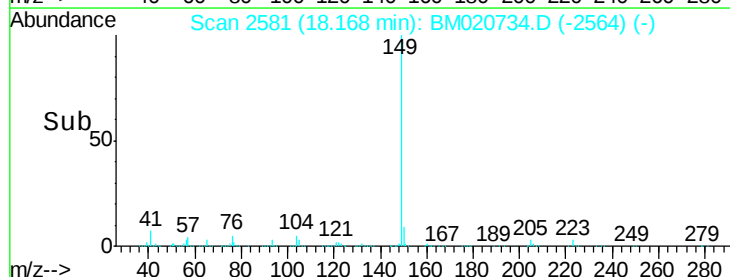
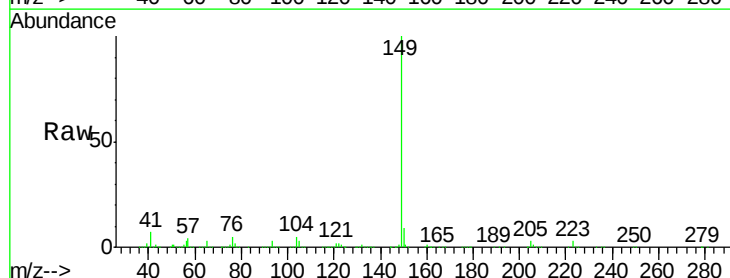
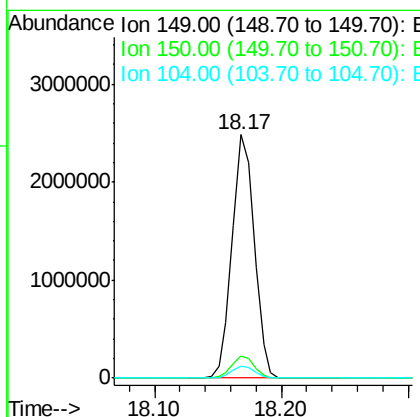
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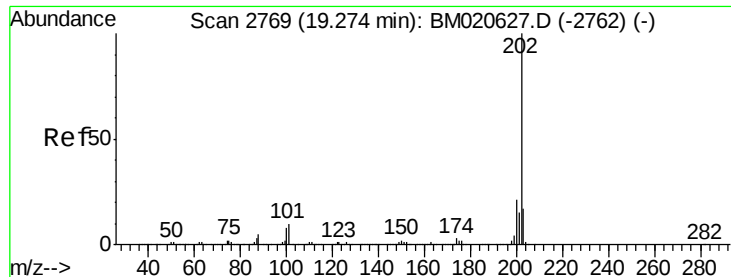
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.797 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 40.609 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:202 Resp: 3037764

Ion Ratio Lower Upper

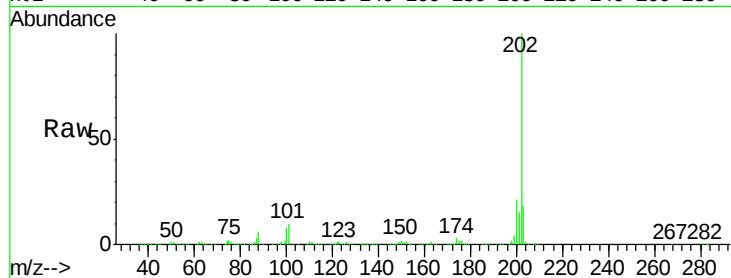
202 100

101 10.4 0.0 30.5

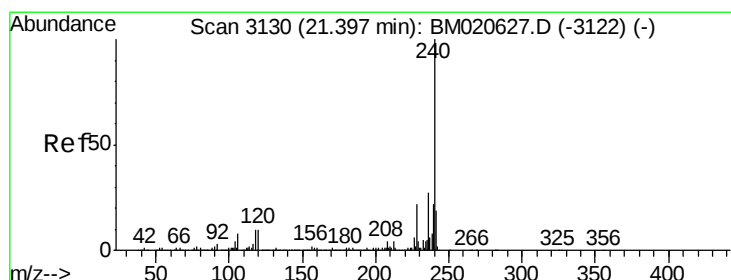
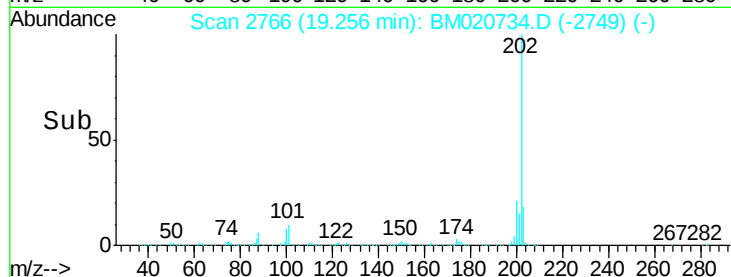
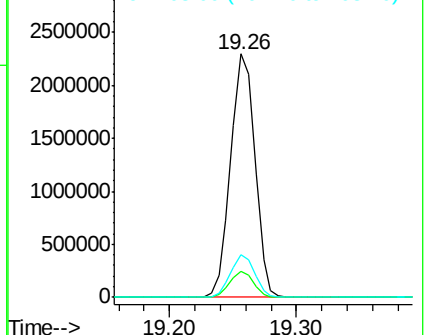
203 17.6 0.0 37.5

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

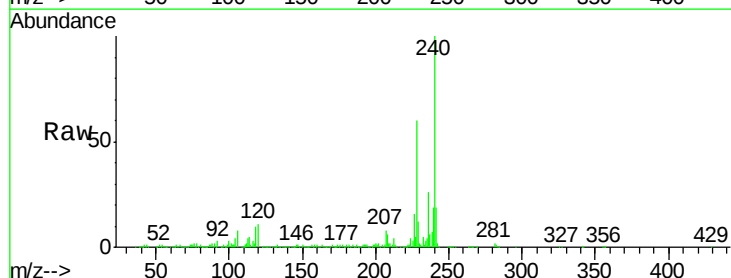
Tgt Ion:240 Resp: 977164

Ion Ratio Lower Upper

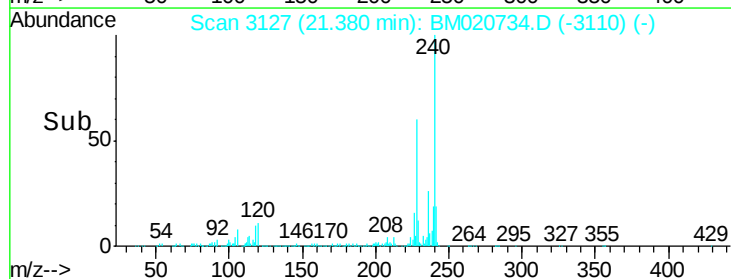
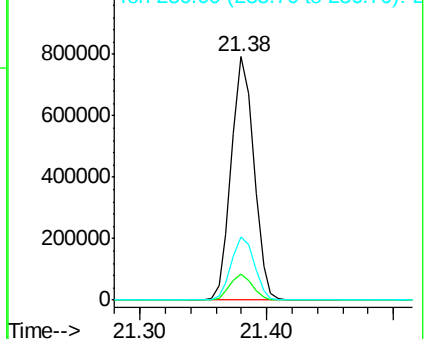
240 100

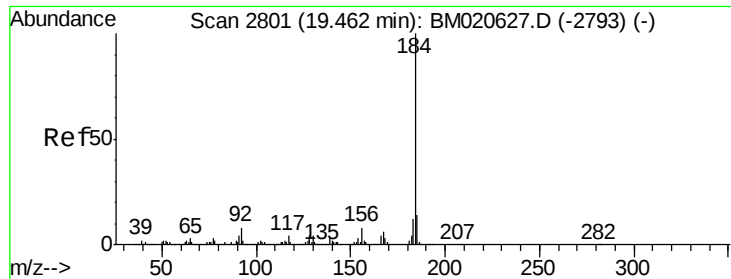
120 10.7 8.4 12.6

236 25.9 21.1 31.7



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





#77

Benzidine

Concen: 42.200 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:184 Resp: 1249495

Ion Ratio Lower Upper

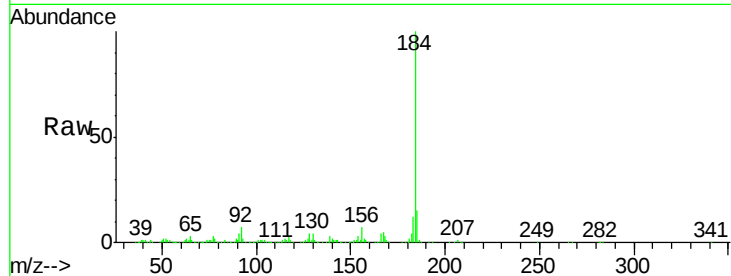
184 100

185 14.5 11.3 16.9

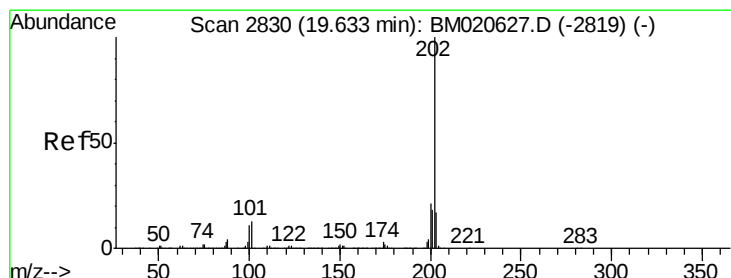
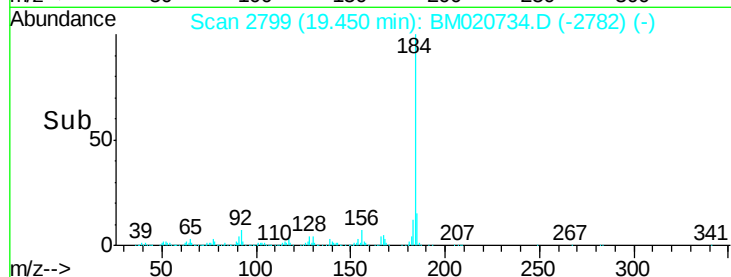
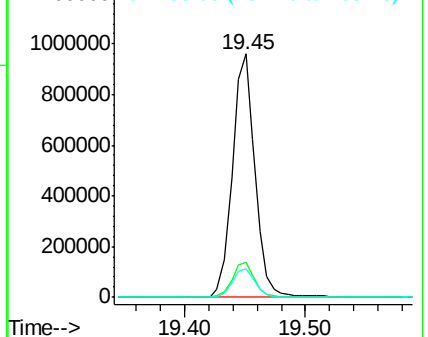
183 11.9 9.8 14.8

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



#78

Pyrene

Concen: 41.084 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

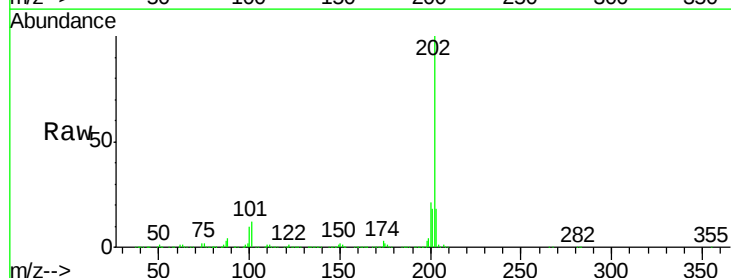
Tgt Ion:202 Resp: 3080706

Ion Ratio Lower Upper

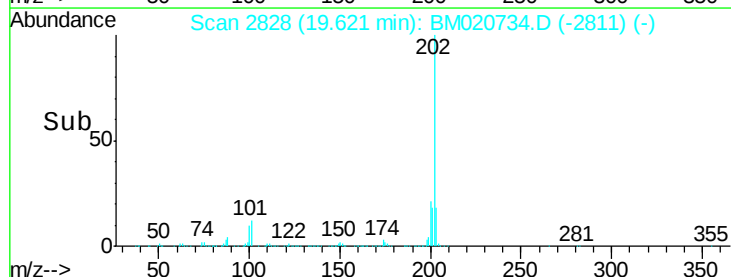
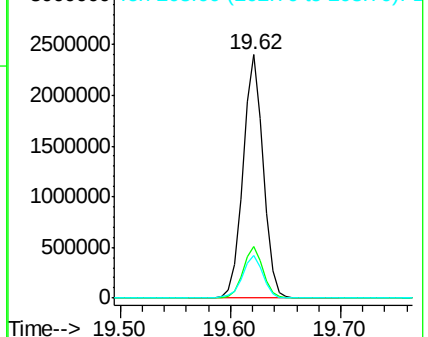
202 100

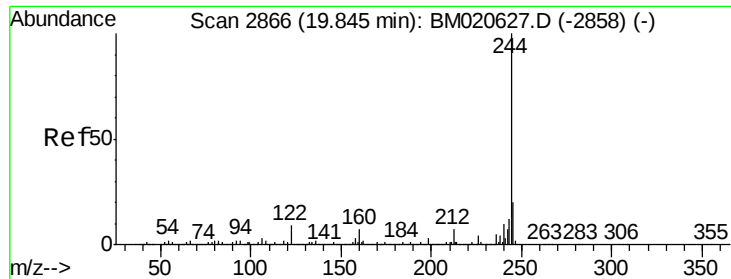
200 21.1 16.4 24.6

203 17.6 14.1 21.1



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





#79

Terphenyl-d14

Concen: 78.822 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:244 Resp: 4604802

Ion Ratio Lower Upper

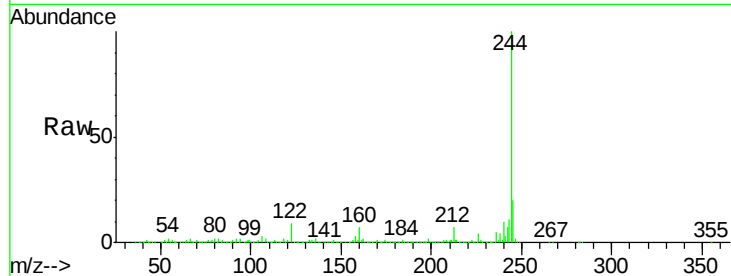
244 100

212 6.7 5.6 8.4

122 9.4 7.4 11.0

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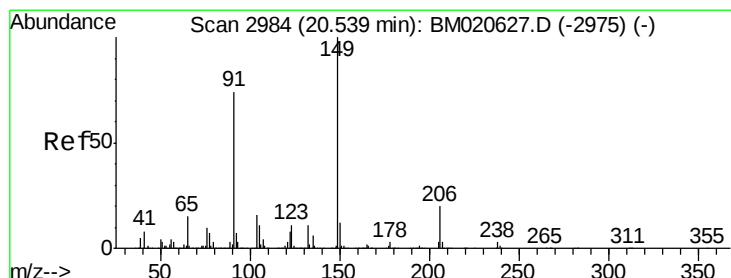
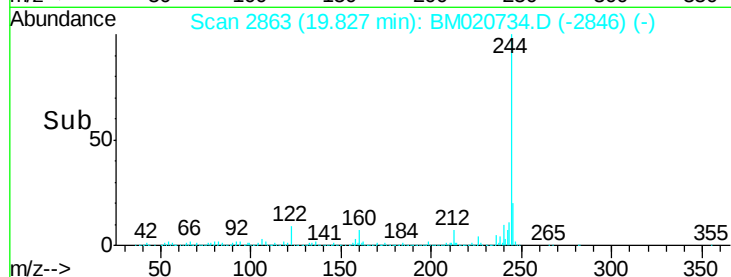
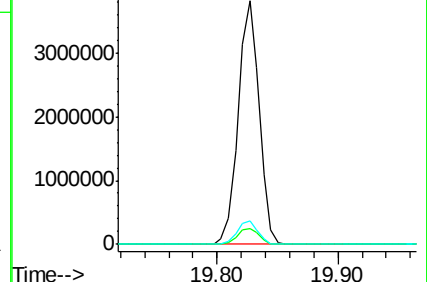
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.100 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

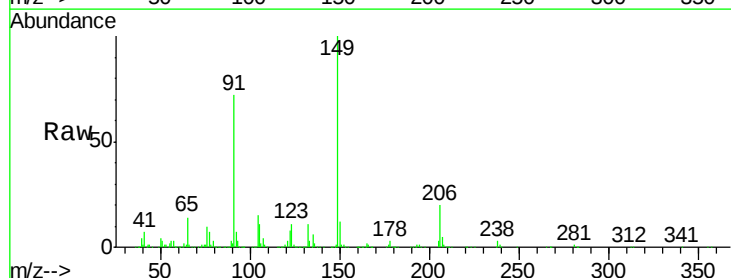
Tgt Ion:149 Resp: 1143997

Ion Ratio Lower Upper

149 100

91 71.7 57.1 85.7

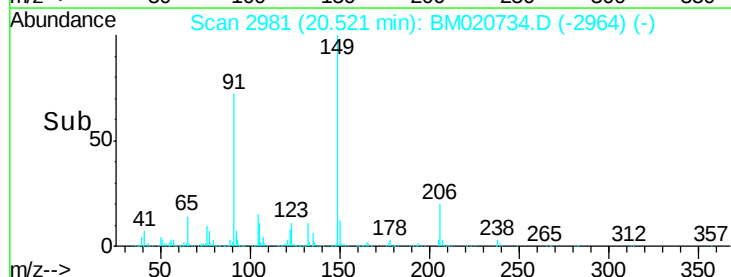
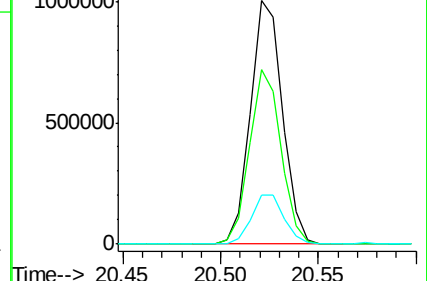
206 20.3 16.3 24.5

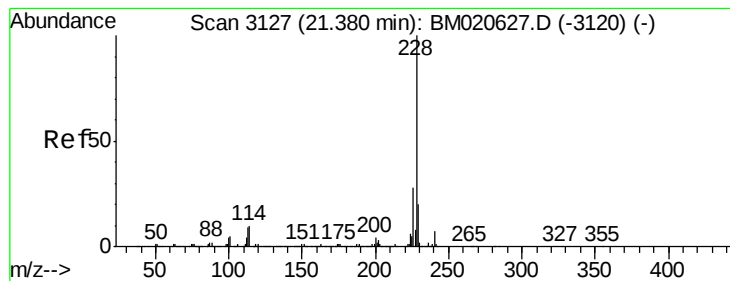


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.833 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:228 Resp: 2846666

Ion Ratio Lower Upper

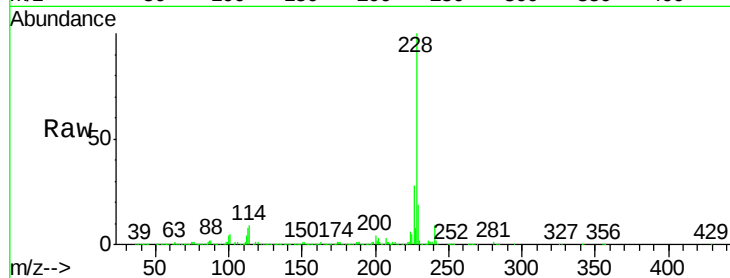
228 100

226 27.6 21.7 32.5

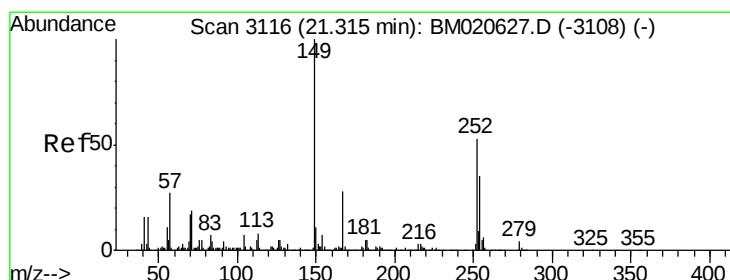
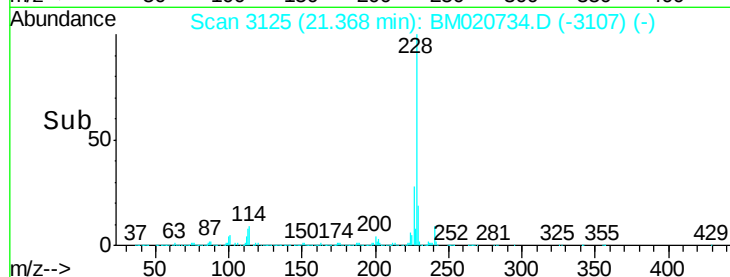
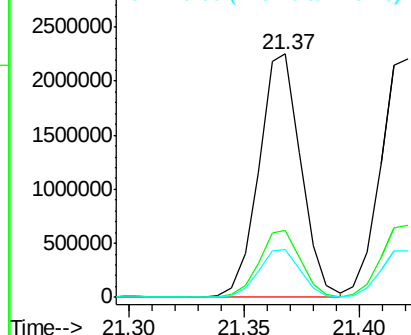
229 19.5 15.9 23.9

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.724 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

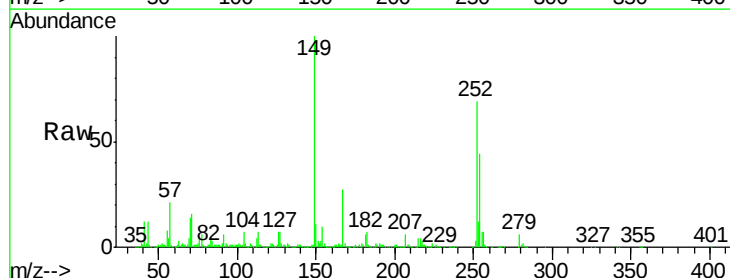
Tgt Ion:252 Resp: 815436

Ion Ratio Lower Upper

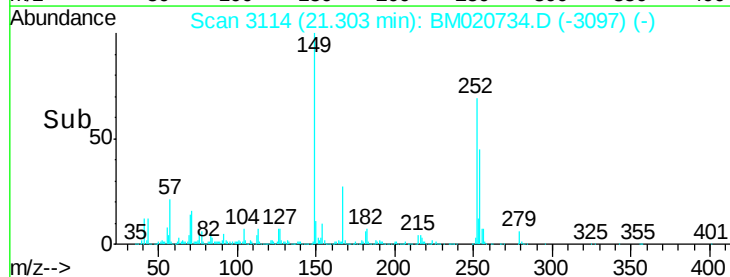
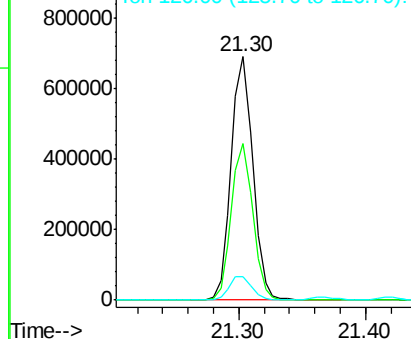
252 100

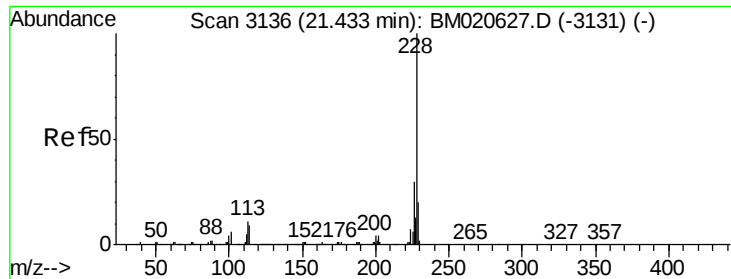
254 64.4 51.7 77.5

126 9.7 7.8 11.8



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





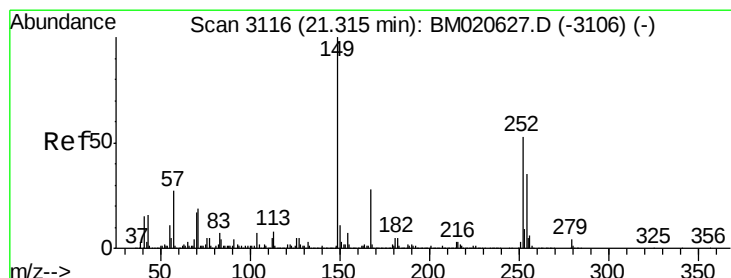
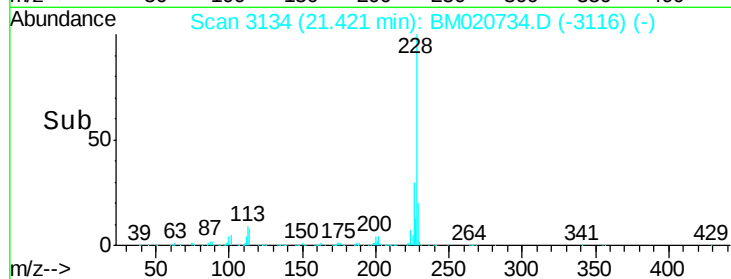
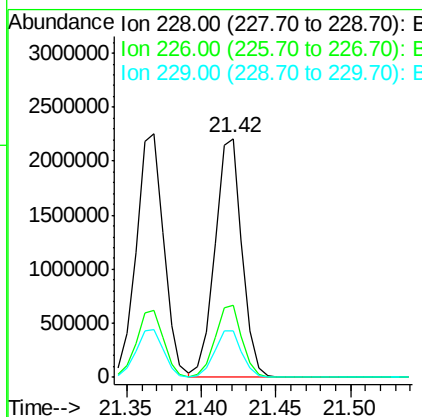
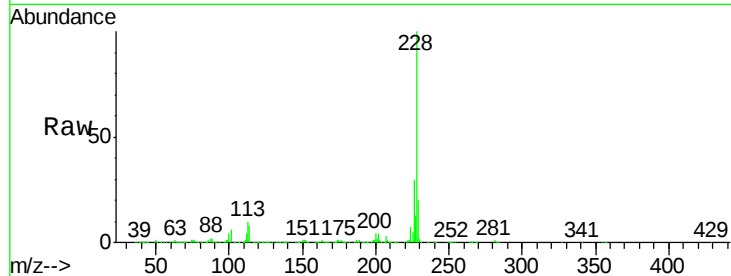
#83
 Chrvsene
 Concen: 43.267 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Tot Ion:228 Resp: 2798676
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.5 15.9 23.9

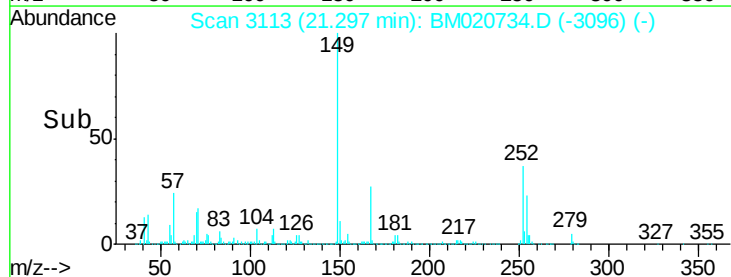
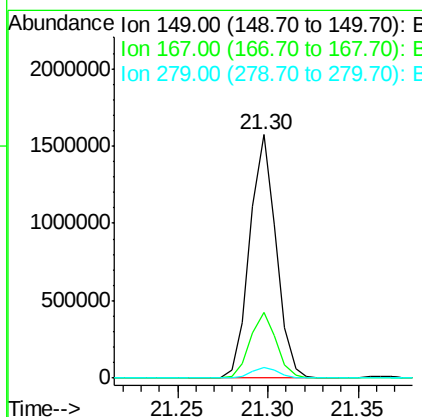
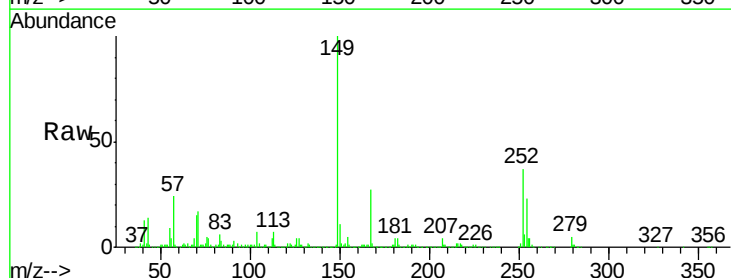
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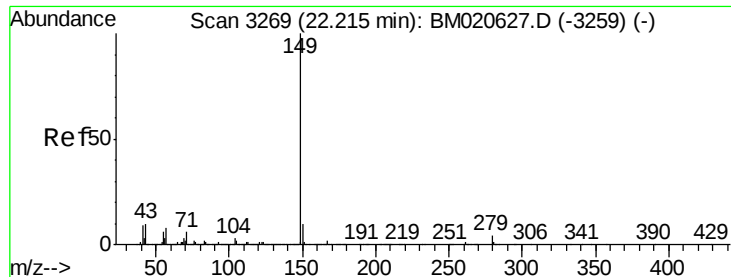
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.485 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

Tgt Ion:149 Resp: 1588269
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.2 33.2
 279 4.6 4.0 6.0





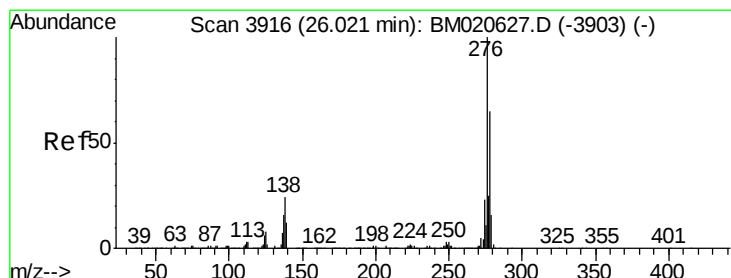
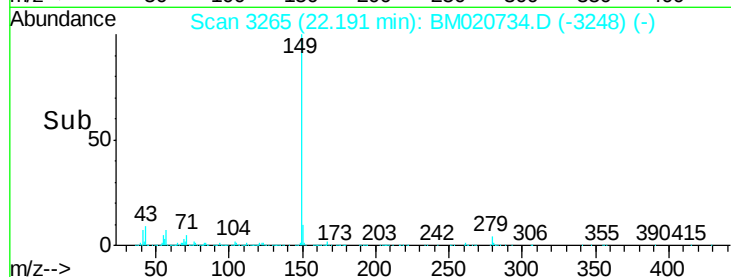
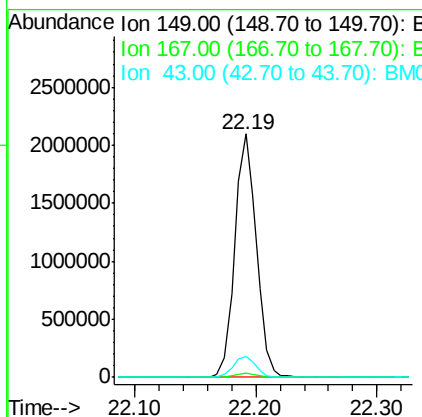
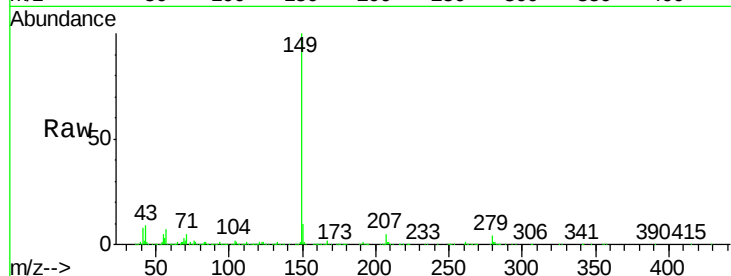
#85
Di-n-octyl phthalate
Concen: 35.732 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.4	11.2

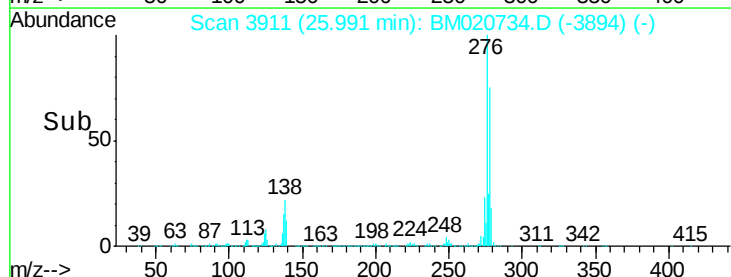
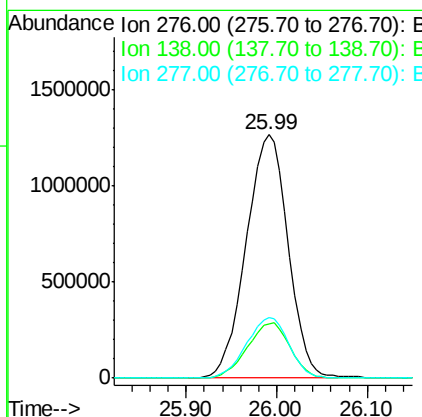
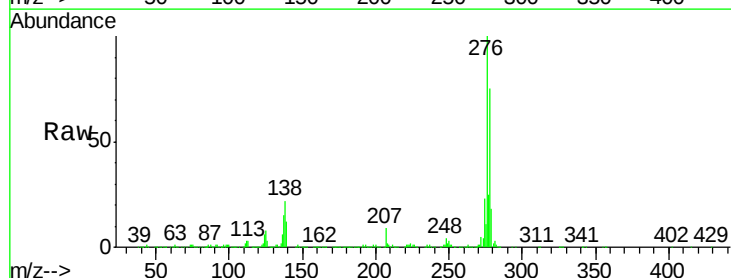
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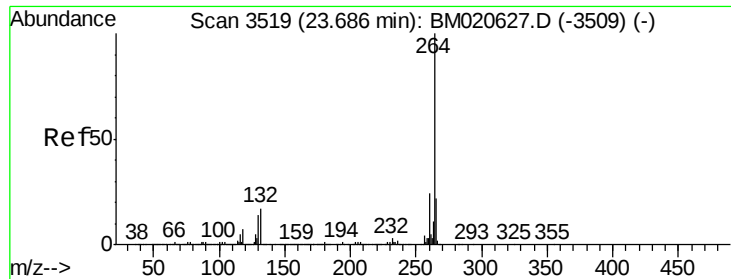
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#86
Indeno(1,2,3-cd)pyrene
Concen: 61.686 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	25.3	20.5	30.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

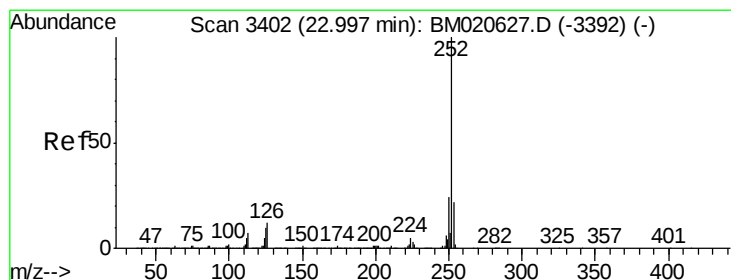
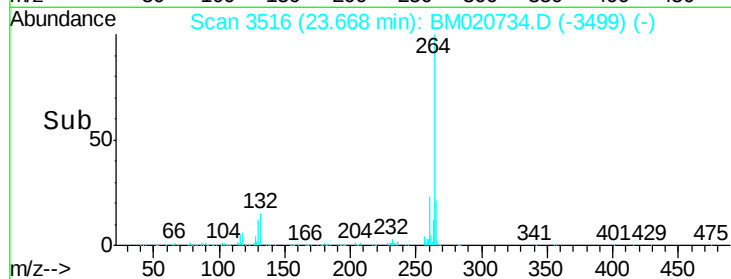
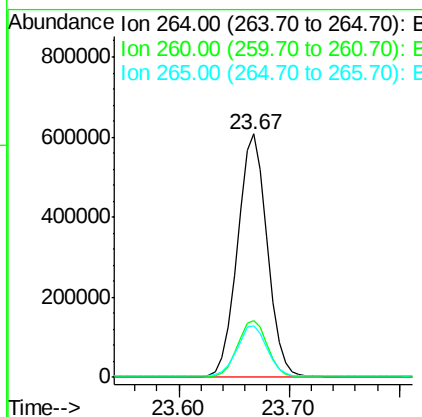
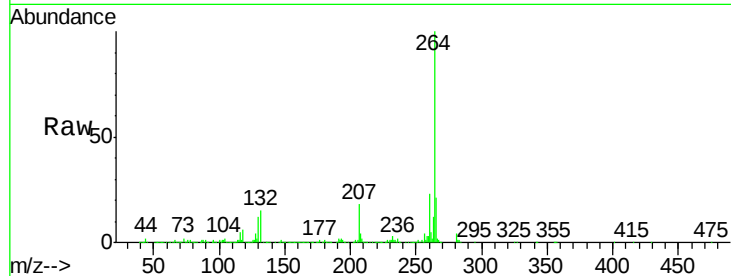
Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion:264 Resp: 1153657

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.4	17.4	26.0

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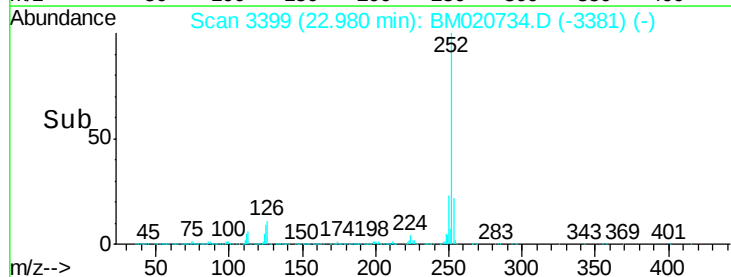
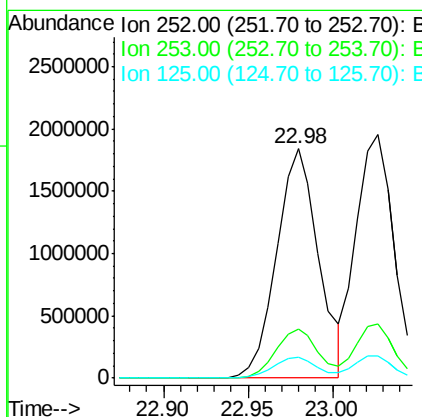
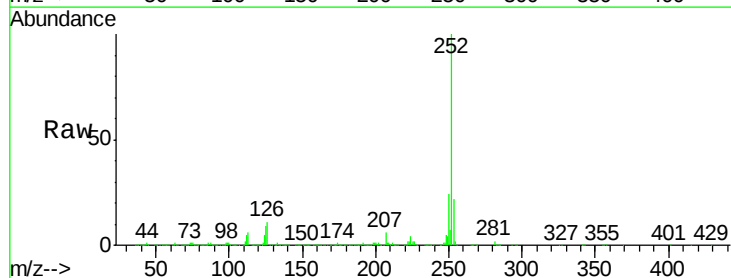
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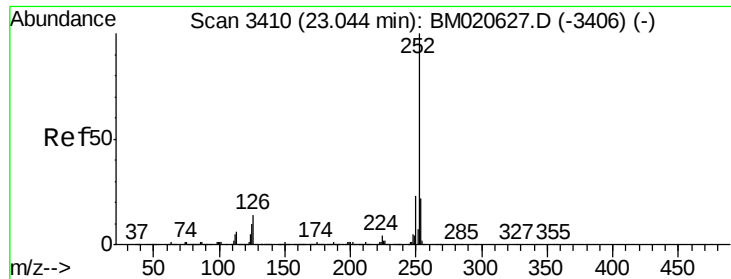


#88
Benzo(b)fluoranthene
Concen: 41.611 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion:252 Resp: 3172878

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.1	7.6	11.4





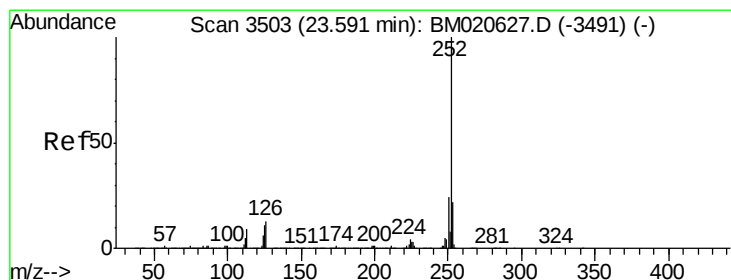
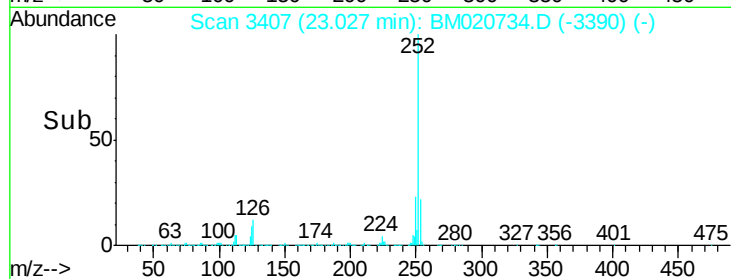
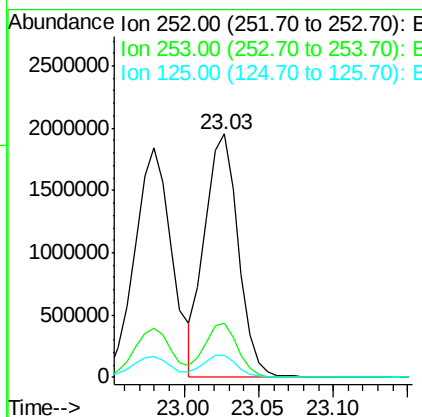
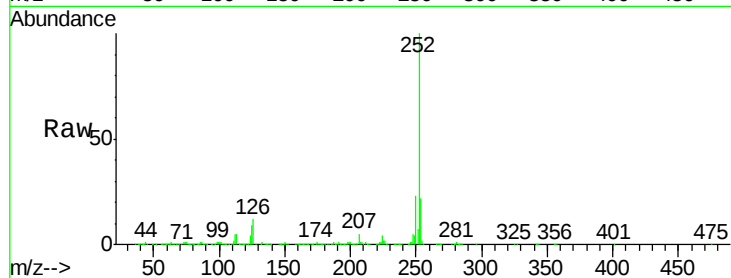
#89
Benzo(k)fluoranthene
Concen: 40.793 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.9	7.2	10.8

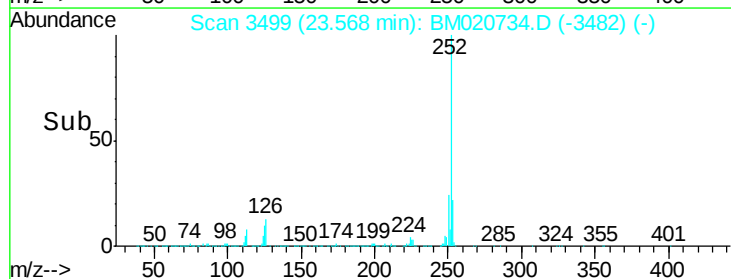
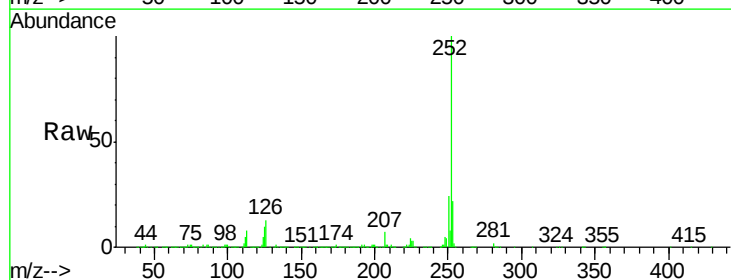
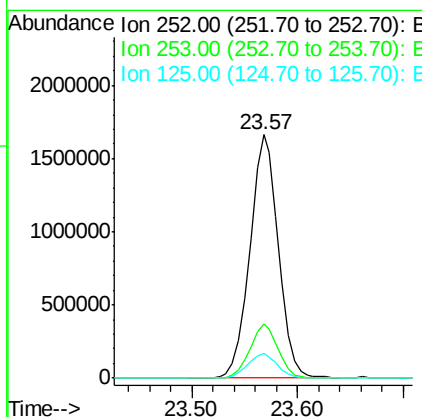
Manual Integrations
APPROVED

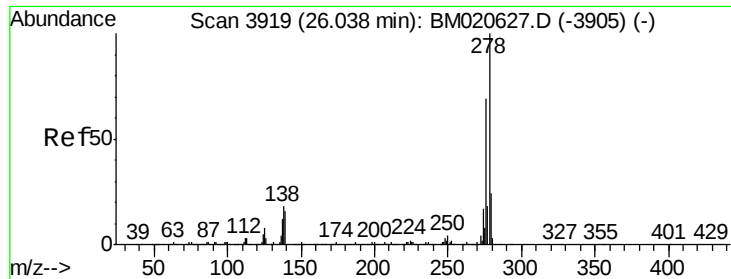
mohammad
6/6/2019 3:43:29 PM



#90
Benzo(a)pyrene
Concen: 44.895 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.3	8.2	12.2





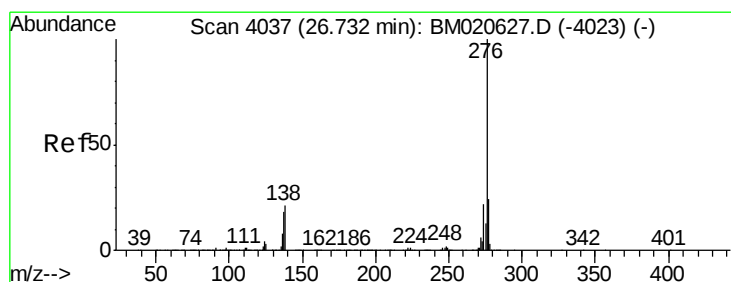
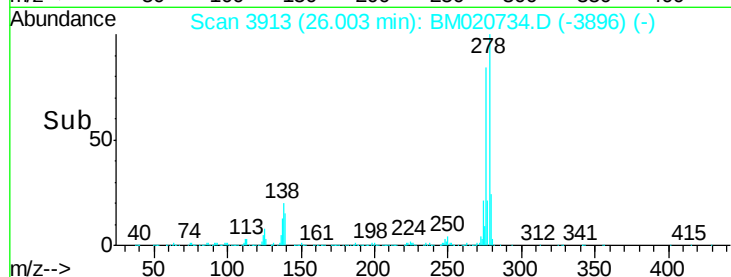
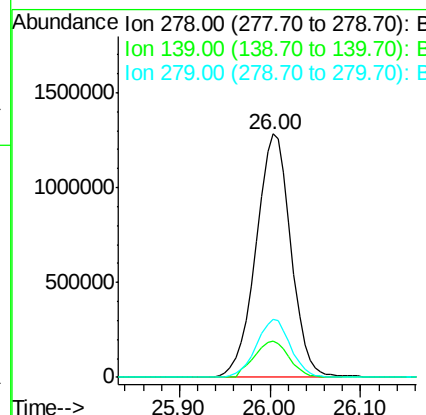
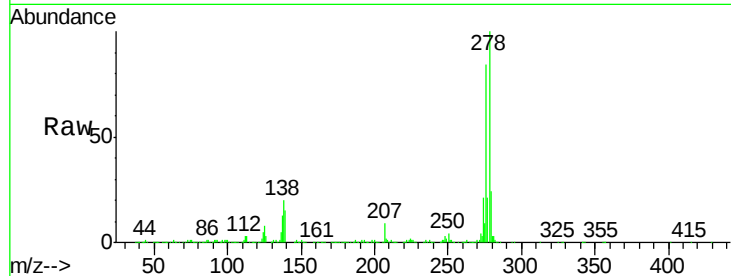
#91
Dibenzo(a,h)anthracene
Concen: 50.997 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion:278 Resp: 3421858
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.9 18.3 27.5

Manual Integrations
APPROVED

mohammad
6/6/2019 3:43:29 PM



#92
Benzo(g,h,i)perylene
Concen: 54.245 ng
RT: 26.70 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion:276 Resp: 3380856
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 19.4 16.2 24.4

