

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020729.D
 Acq On : 05 Jun 2019 10:38
 Operator : HP/JU
 Sample : PB120082BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Manual Integrations
 APPROVED

mohammad
 6/6/2019 11:21:28 AM

Quant Time: Jun 05 18:29:15 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	331199	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1342938	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	742503	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1435283	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1187030	20.00	ng	0.00
87) Perylene-d12	23.66	264	1120590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1603895	85.19	ng	0.00
7) Phenol-d6	6.99	99	2167413	78.18	ng	0.00
23) Nitrobenzene-d5	8.99	82	1873504	72.28	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	747963	81.30	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4231793	75.77	ng	0.00
79) Terphenyl-d14	19.83	244	4887492	68.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	304832	39.544	ng	99
3) Pyridine	3.74	79	807718	32.933	ng	99
4) n-Nitrosodimethylamine	3.66	42	369573	34.956	ng	98
6) Aniline	7.16	93	1041047	25.952	ng	99
8) 2-Chlorophenol	7.39	128	988444	42.200	ng	99
9) Benzaldehyde	6.97	77	28121	Below Cal		93
10) Phenol	7.02	94	1217038	40.735	ng	99
11) bis(2-Chloroethyl)ether	7.25	93	878985	36.916	ng	99
12) 1,3-Dichlorobenzene	7.71	146	998813	37.103	ng	100
13) 1,4-Dichlorobenzene	7.86	146	1019839	37.266	ng	99
14) 1,2-Dichlorobenzene	8.17	146	980873	36.830	ng	99
15) Benzyl Alcohol	8.06	79	872779	35.586	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1211060	32.945	ng	99
17) 2-Methylphenol	8.26	107	815264	38.806	ng	99
18) Hexachloroethane	8.89	117	374329	35.726	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	751224	33.709	ng	99
20) 3+4-Methylphenols	8.59	107	1087528	38.047	ng	98
22) Acetophenone	8.65	105	1372075	40.219	ng	# 99
24) Nitrobenzene	9.03	77	1072736	40.541	ng	99
25) Isophorone	9.55	82	1966467	38.140	ng	99
26) 2-Nitrophenol	9.73	139	463723	47.023	ng	99
27) 2,4-Dimethylphenol	9.79	122	889530	48.137	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1208674	38.772	ng	99
29) 2,4-Dichlorophenol	10.26	162	921200	45.058	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	970108	41.266	ng	99
31) Naphthalene	10.66	128	2843655	41.178	ng	100
32) Benzoic acid	9.93	122	459602	40.422	ng	96
33) 4-Chloroaniline	10.77	127	478888	14.900	ng	100
34) Hexachlorobutadiene	10.94	225	567768	40.252	ng	99
35) Caprolactam	11.57	113	256789m	36.154	ng	
36) 4-Chloro-3-methylphenol	11.90	107	951686	40.036	ng	100
37) 2-Methylnaphthalene	12.27	142	2103254	41.089	ng	100
38) 1-Methylnaphthalene	12.50	142	1988178	40.791	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1086000	44.632	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1247851	85.747	nq	99
43) 2,4,6-Trichlorophenol	12.88	196	703256	44.901	nq	100
44) 2,4,5-Trichlorophenol	12.95	196	750080	46.388	nq	# 97
46) 1,1'-Biphenyl	13.29	154	2669409	43.047	nq	100
47) 2-Chloronaphthalene	13.33	162	2055238	41.065	nq	100
48) 2-Nitroaniline	13.55	65	576830	36.721	nq	98
49) Acenaphthylene	14.18	152	3229580	41.356	nq	100
50) Dimethylphthalate	13.92	163	2515772	39.659	nq	100
51) 2,6-Dinitrotoluene	14.05	165	536518	41.653	nq	97
52) Acenaphthene	14.52	154	1896523	40.753	nq	99
53) 3-Nitroaniline	14.37	138	336055	23.375	nq	100
54) 2,4-Dinitrophenol	14.57	184	412413	74.931	nq	98
55) Dibenzofuran	14.86	168	2958503	40.932	nq	99
56) 4-Nitrophenol	14.67	139	811262	76.574	nq	98
57) 2,4-Dinitrotoluene	14.83	165	701695	40.686	nq	98
58) Fluorene	15.51	166	2357960	39.670	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	632039	44.857	nq	99
60) Diethylphthalate	15.29	149	2486061	37.999	nq	100
61) 4-Chlorophenyl-phenylether	15.50	204	1260253	40.044	nq	100
62) 4-Nitroaniline	15.53	138	479449	31.444	nq	97
63) Azobenzene	15.80	77	2303617	36.727	nq	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	265018	41.941	nq	98
66) n-Nitrosodiphenylamine	15.72	169	2027151	44.120	nq	99
67) 4-Bromophenyl-phenylether	16.40	248	735966	43.551	nq	99
68) Hexachlorobenzene	16.50	284	845044	42.824	nq	98
69) Atrazine	16.67	200	601704	43.878	nq	99
70) Pentachlorophenol	16.85	266	916262	97.330	nq	99
71) Phenanthrene	17.24	178	3352711	41.210	nq	99
72) Anthracene	17.33	178	3394606	41.689	nq	99
73) Carbazole	17.61	167	2859009	38.691	nq	99
74) Di-n-butylphthalate	18.17	149	3655058	38.104	nq	100
75) Fluoranthene	19.26	202	3394497	37.519	nq	100
77) Benzidine	19.44	184	1102554	30.654	nq	99
78) Pyrene	19.62	202	3401572	37.343	nq	99
80) Butylbenzylphthalate	20.52	149	1347884	35.014	nq	98
81) Benzo(a)anthracene	21.36	228	2918549	35.307	nq	100
82) 3,3'-Dichlorobenzidine	21.30	252	897341	29.644	nq	99
83) Chrysene	21.42	228	2868765	36.509	nq	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1886833	33.725	nq	99
85) Di-n-octyl phthalate	22.19	149	2935854	33.052	nq	100
86) Indeno(1,2,3-cd)pyrene	25.99	276	3617337	44.999	nq	99
88) Benzo(b)fluoranthene	22.97	252	2974652	40.163	nq	100
89) Benzo(k)fluoranthene	23.02	252	2934772	40.547	nq	99
90) Benzo(a)pyrene	23.56	252	2908131	43.289	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	3053850	46.855	nq	99
92) Benzo(g,h,i)perylene	26.69	276	2956940	48.844	nq	99

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

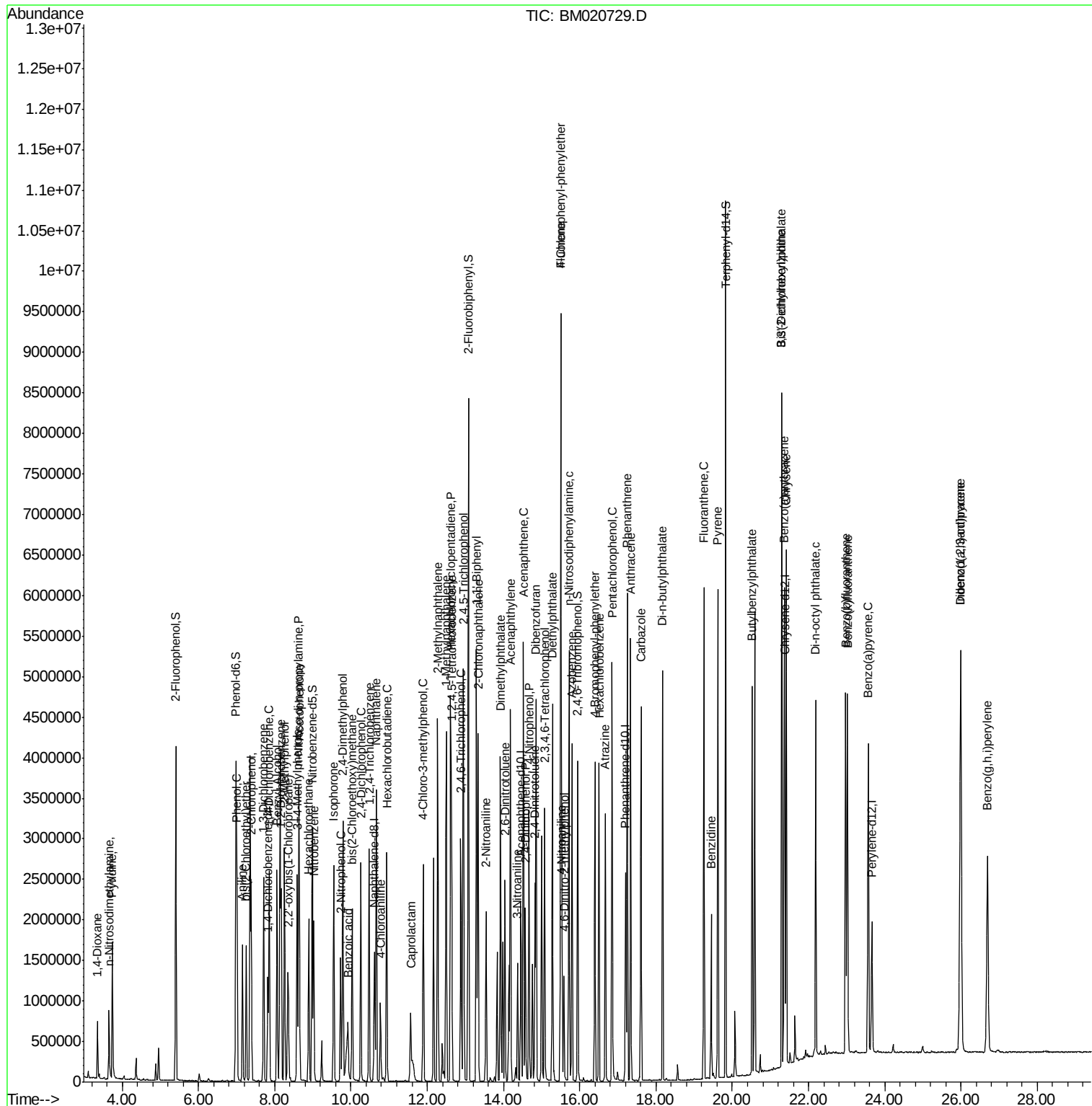
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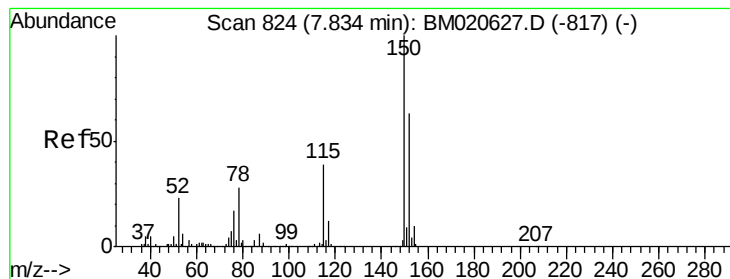
Instrument :
BNA_M
ClientSampleId :
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#1

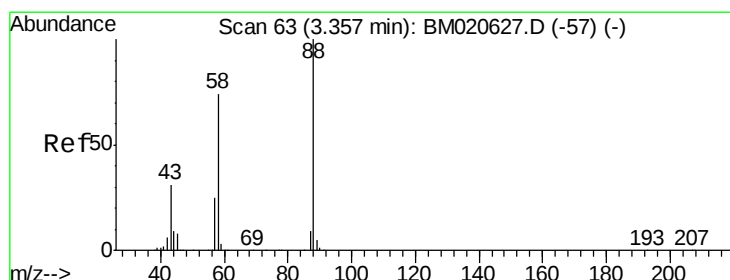
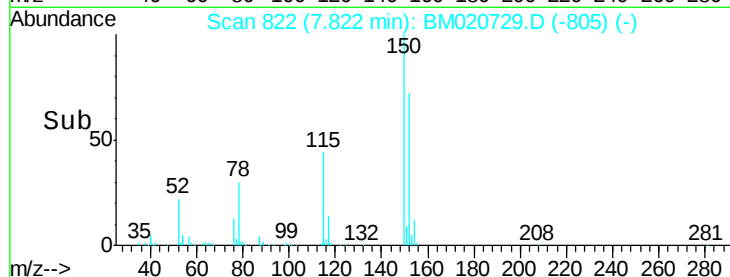
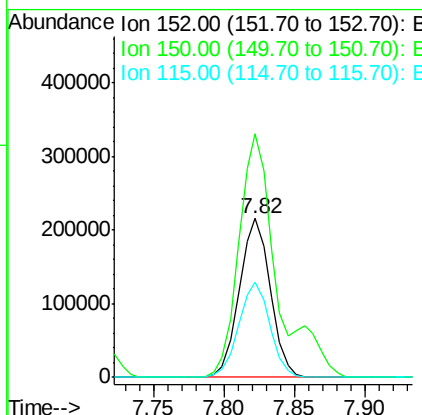
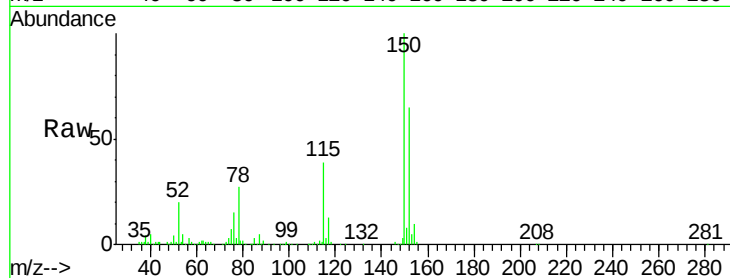
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.0	186.0
115	60.3	47.0	70.6

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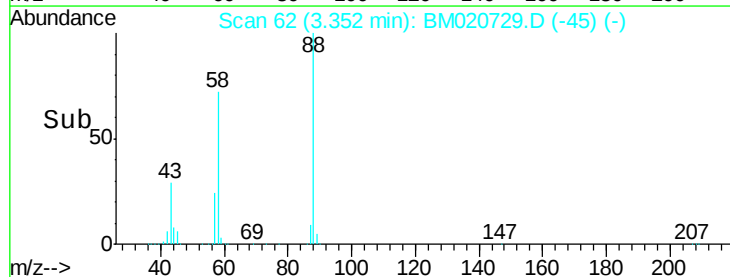
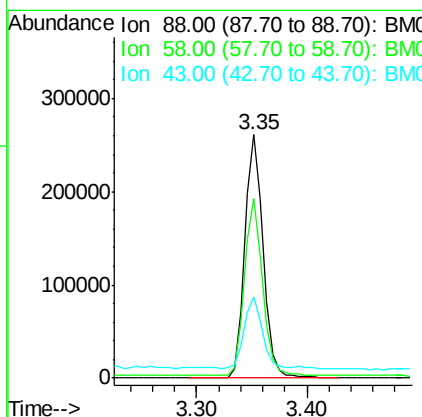
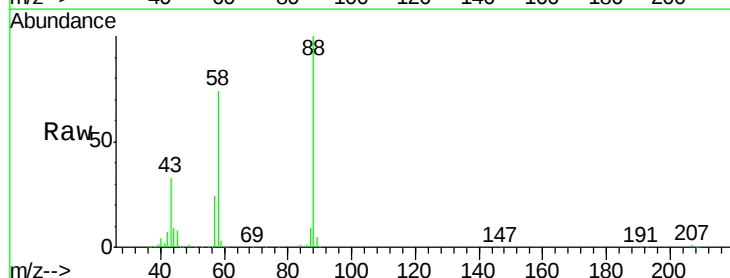
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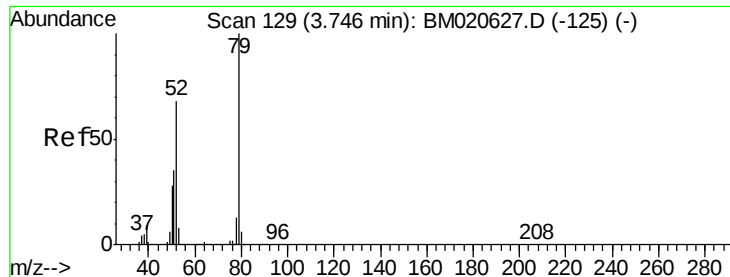


#2

1,4-Dioxane
Concen: 39.544 ng
RT: 3.35 min Scan# 62
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	57.2	85.8
43	28.1	24.2	36.4





#3

Pvridine

Concen: 32.933 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

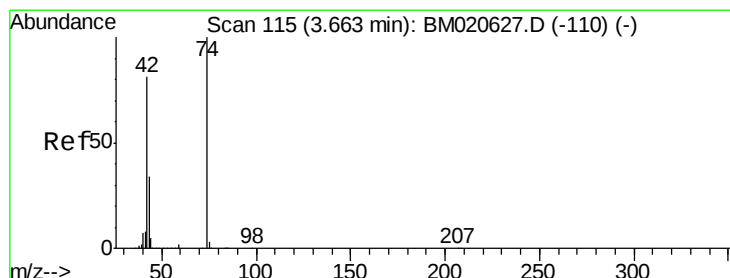
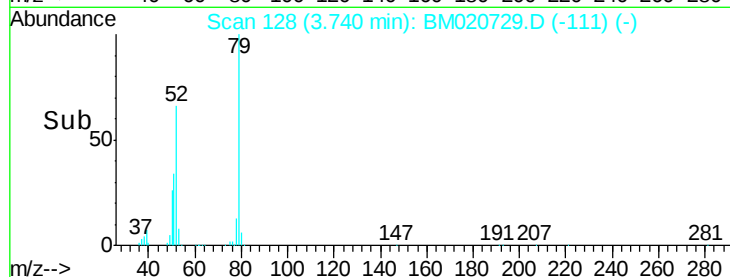
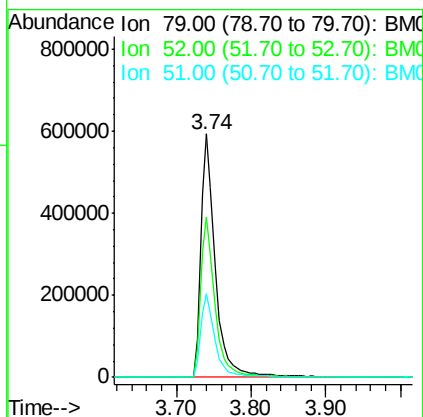
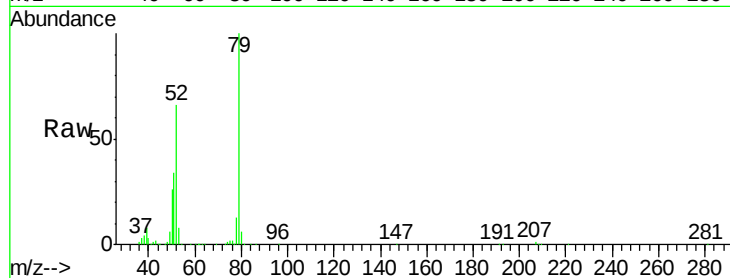
ClientSampleId :

PB120082BSD

Tot Ion:	79	Resp:	807718
Ion Ratio	Lower	Upper	
79	100		
52	65.7	52.0	78.0
51	34.5	26.5	39.7

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#4

n-Nitrosodimethylamine

Concen: 34.956 ng

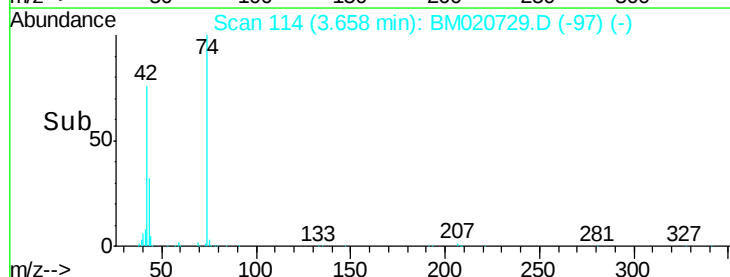
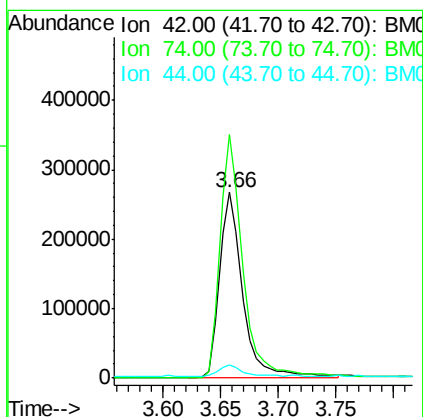
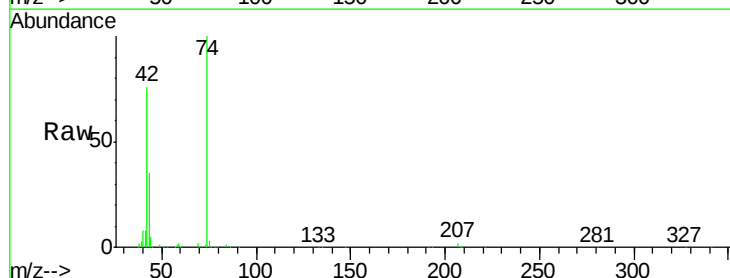
RT: 3.66 min Scan# 114

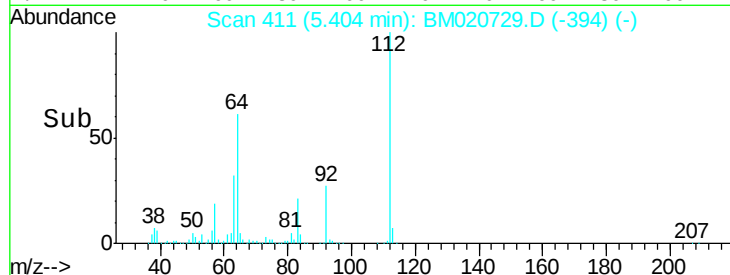
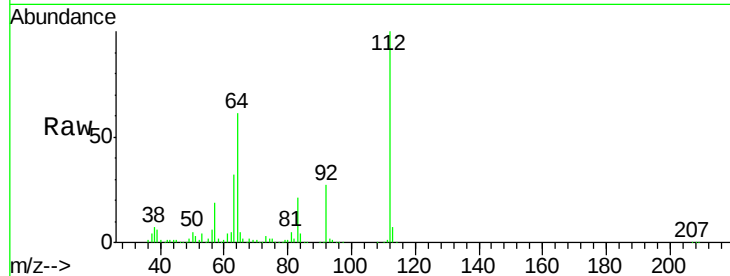
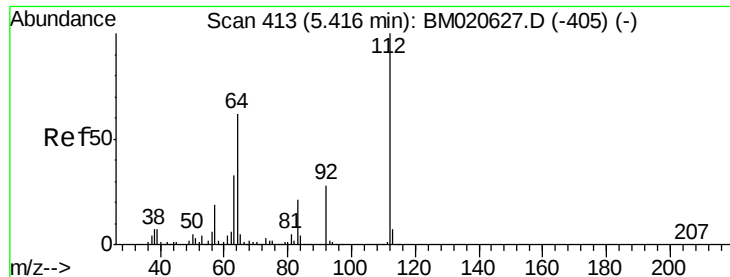
Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion:	42	Resp:	369573
Ion Ratio	Lower	Upper	
42	100		
74	130.9	103.3	154.9
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 85.186 ng

RT: 5.40 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tot Ion:	112	Resp:	1603895
Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.8	71.8
63	32.1	25.4	38.0

Instrument :

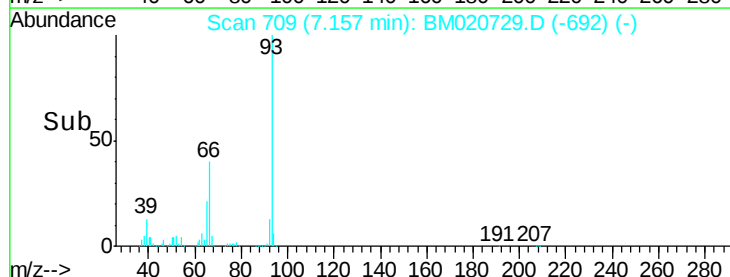
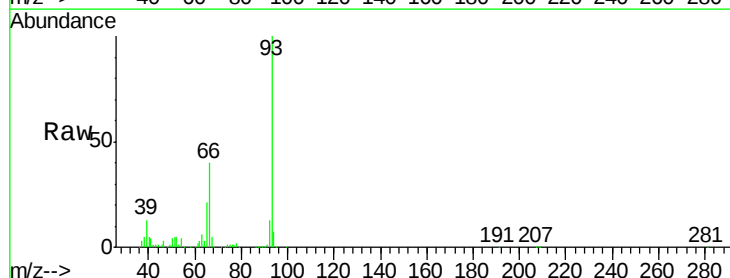
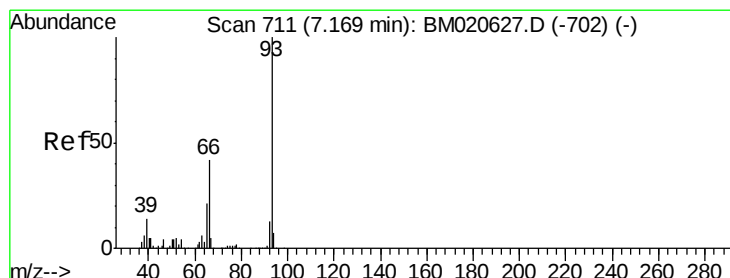
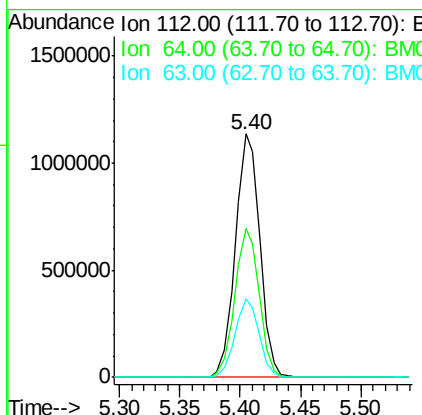
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#6

Aniline

Concen: 25.952 ng

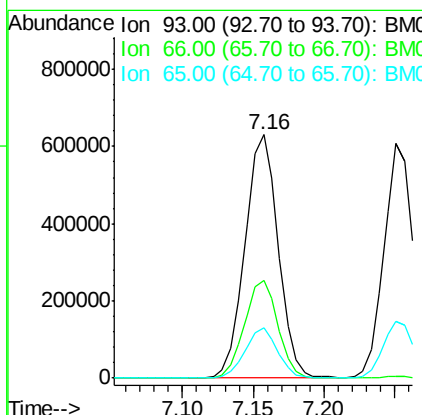
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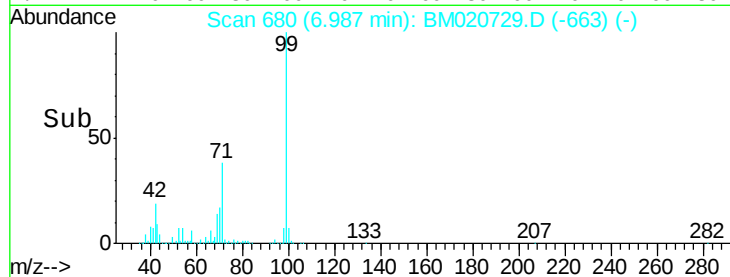
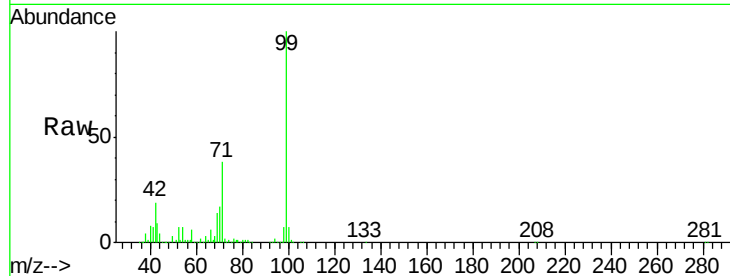
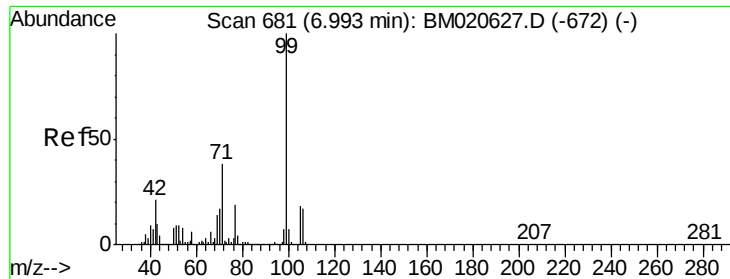
Delta R.T. 0.00 min

Lab File: BM020729.D

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Tgt Ion:	93	Resp:	1041047
Ion	Ratio	Lower	Upper
93	100		
66	40.3	33.0	49.4
65	20.8	16.1	24.1





#7

Phenol-d6

Concen: 78.179 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tot Ion: 99 Resp: 2167413

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

71 37.8 29.5 44.3

Instrument :

BNA_M

ClientSampleId :

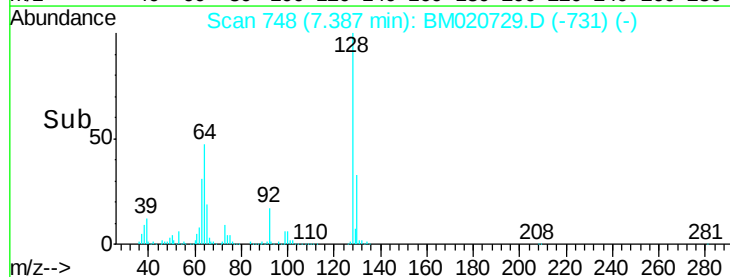
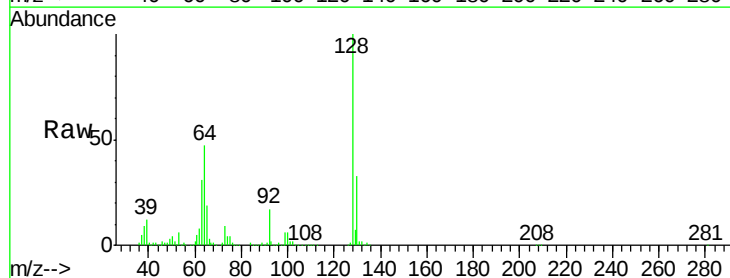
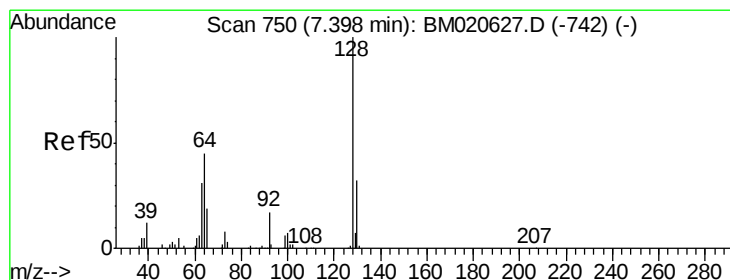
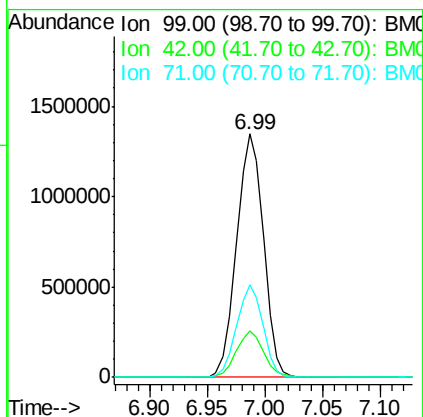
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#8

2-Chlorophenol

Concen: 42.200 ng

RT: 7.39 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

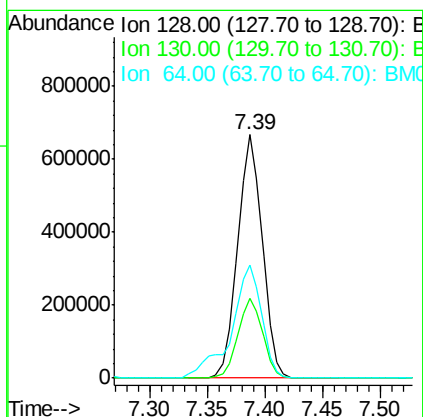
Tgt Ion: 128 Resp: 988444

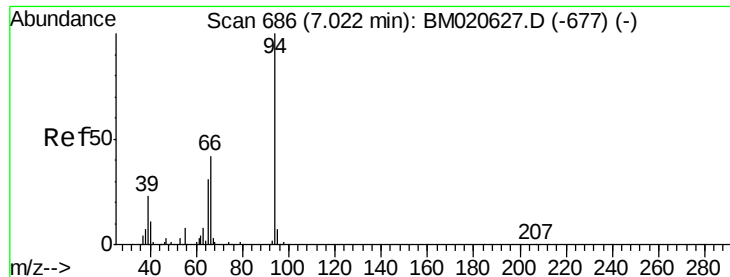
Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

64 46.7 27.5 67.5





#10

Phenol

Concen: 40.735 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion: 94 Resp: 1217038

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

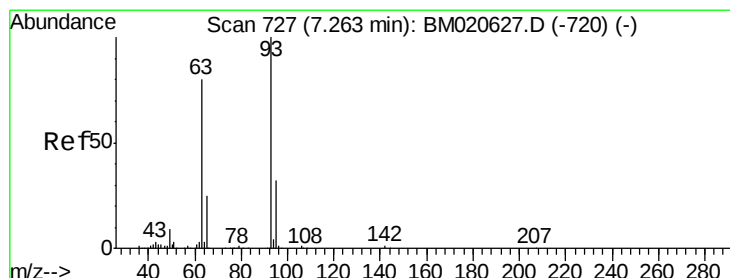
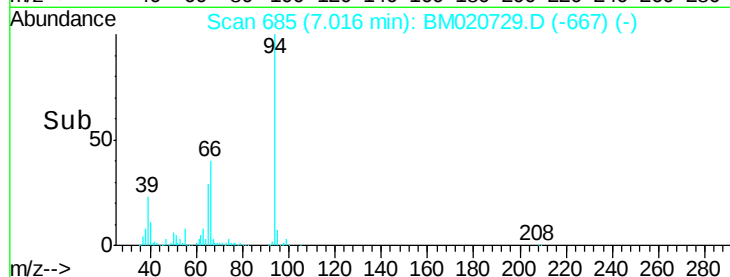
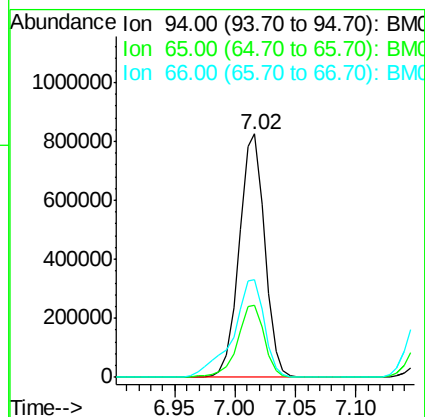
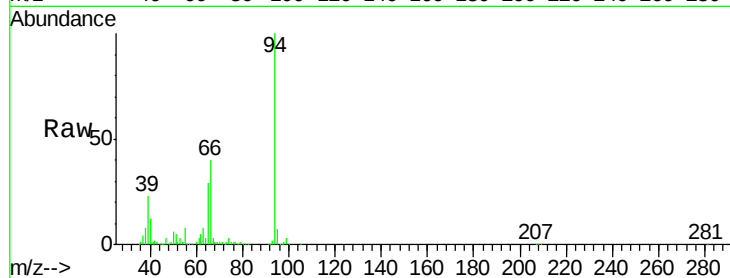
66 40.0 20.7 60.7

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 36.916 ng

RT: 7.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

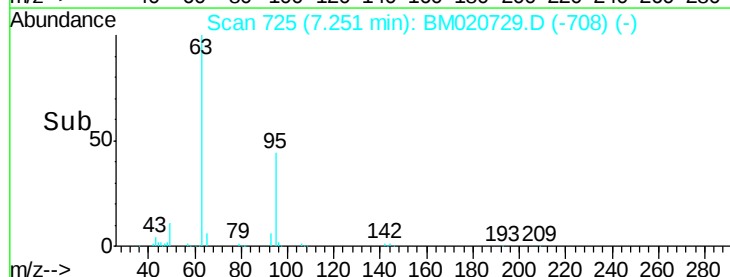
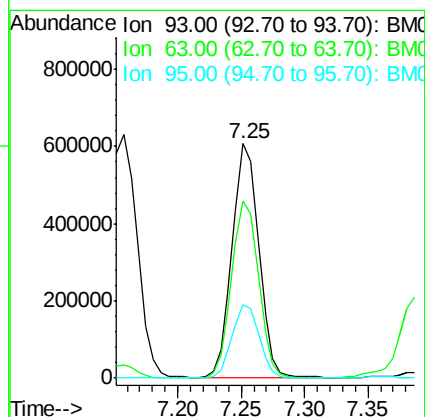
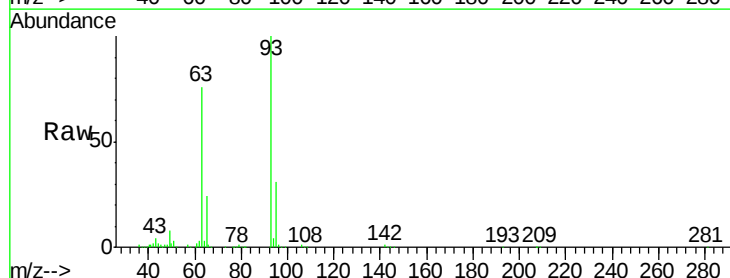
Tgt Ion: 93 Resp: 878985

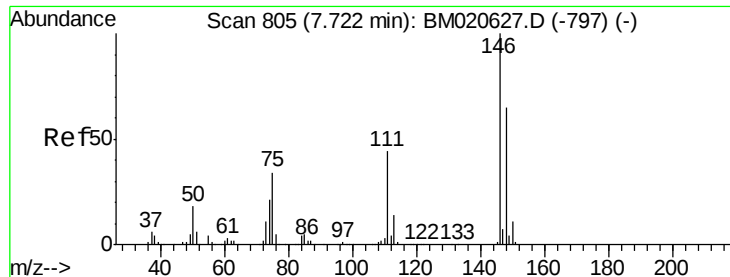
Ion Ratio Lower Upper

93 100

63 75.6 56.0 96.0

95 31.3 12.2 52.2





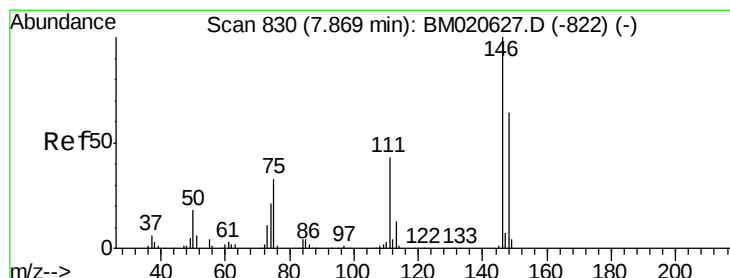
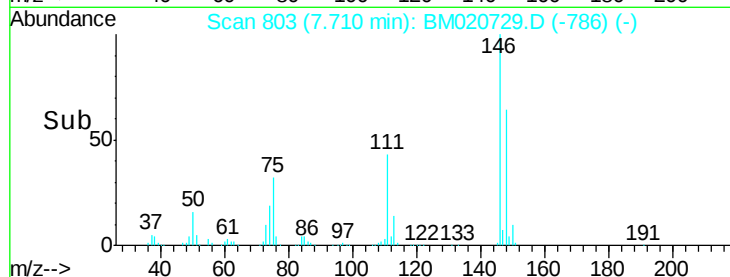
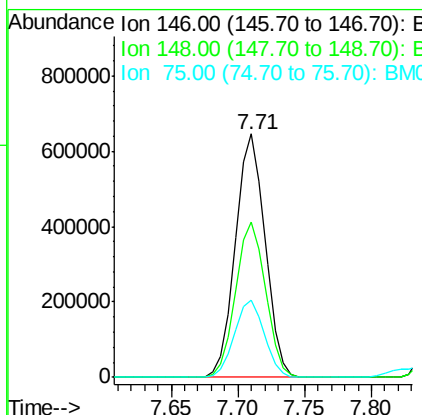
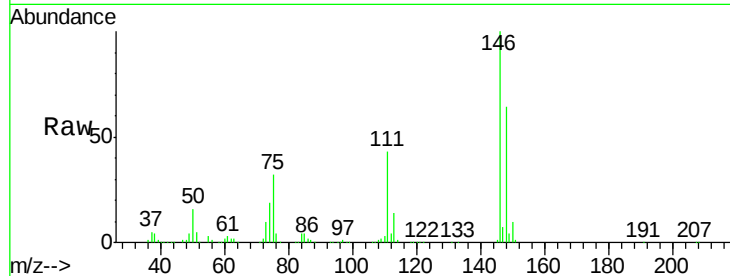
#12
 1,3-Dichlorobenzene
 Concen: 37.103 ng
 RT: 7.71 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	31.5	25.3	37.9

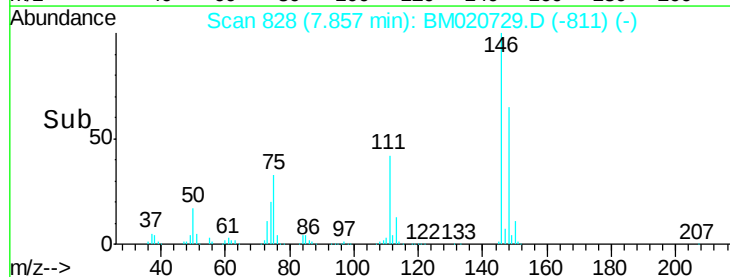
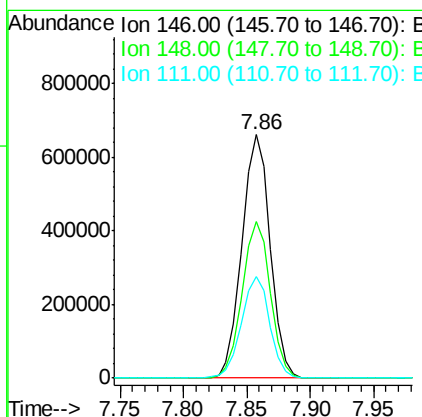
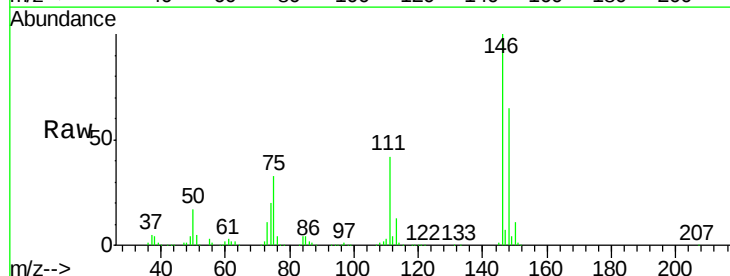
Manual Integrations
 APPROVED

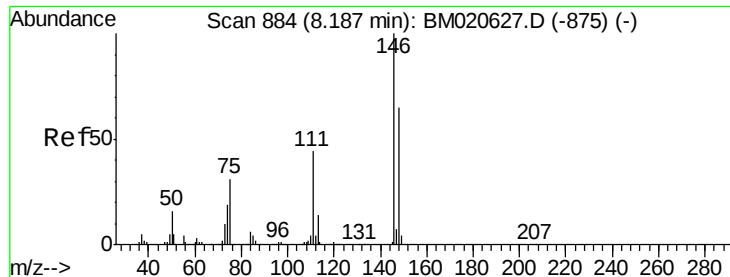
mohammad
 6/6/2019 11:21:28 AM



#13
 1,4-Dichlorobenzene
 Concen: 37.266 ng
 RT: 7.86 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.5	78.7
111	41.7	33.8	50.8





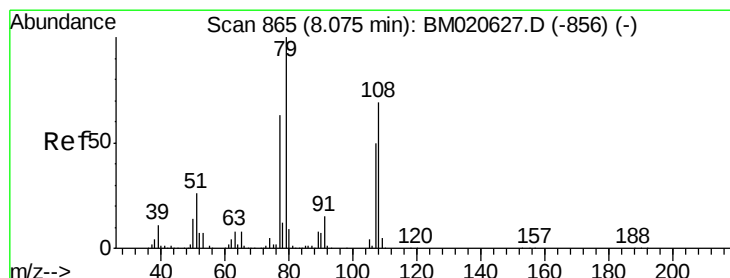
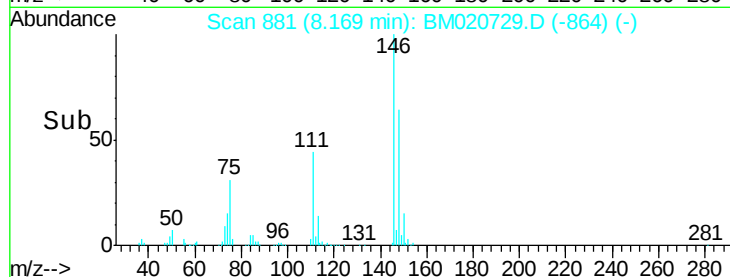
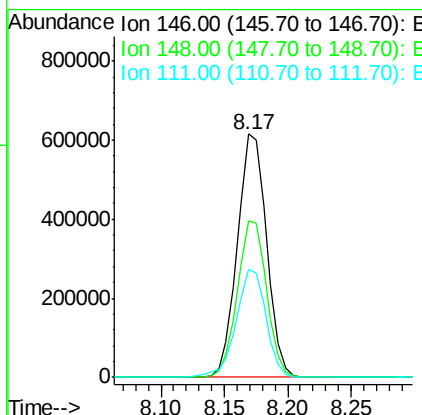
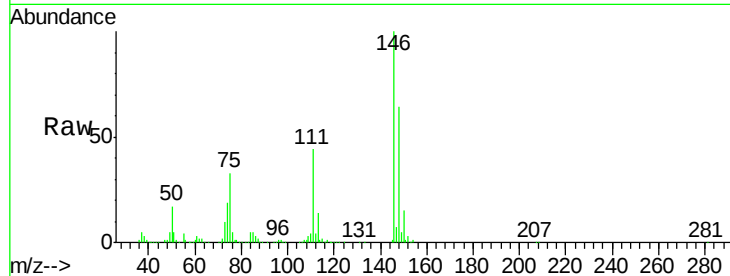
#14
 1,2-Dichlorobenzene
 Concen: 36.830 ng
 RT: 8.17 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
111	44.4	35.3	52.9

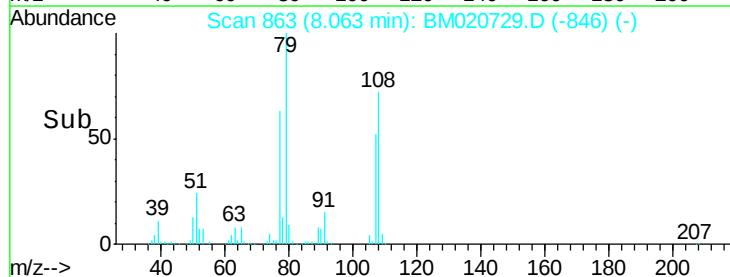
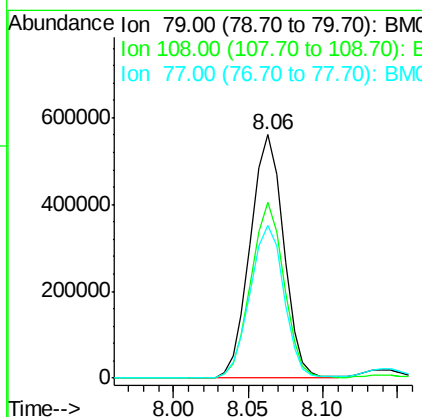
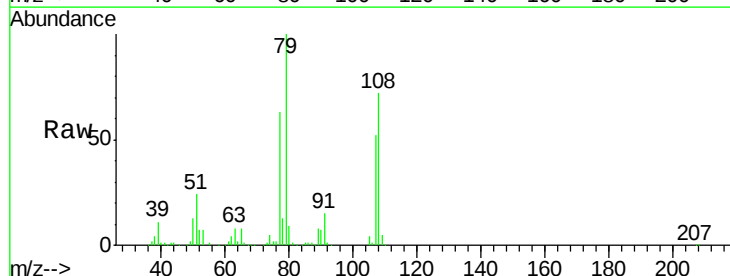
Manual Integrations
 APPROVED

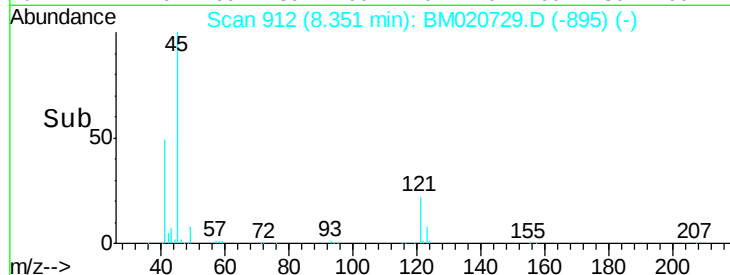
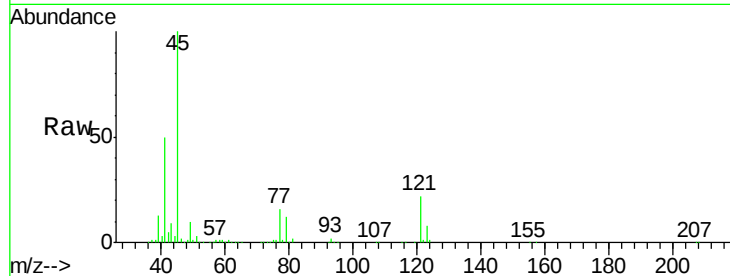
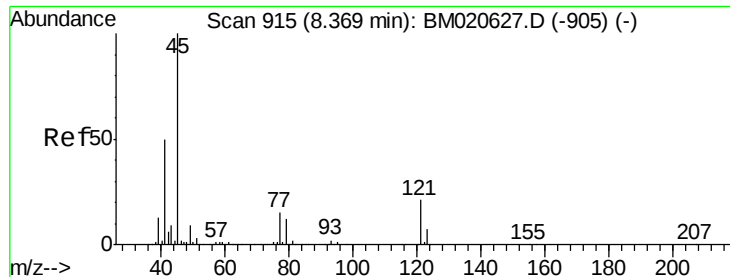
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#15
 Benzyl Alcohol
 Concen: 35.586 ng
 RT: 8.06 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.2	85.8
77	63.0	50.9	76.3





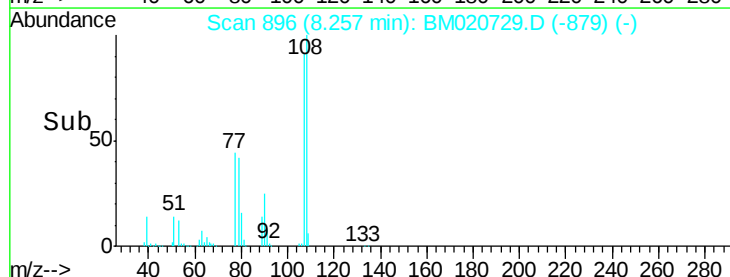
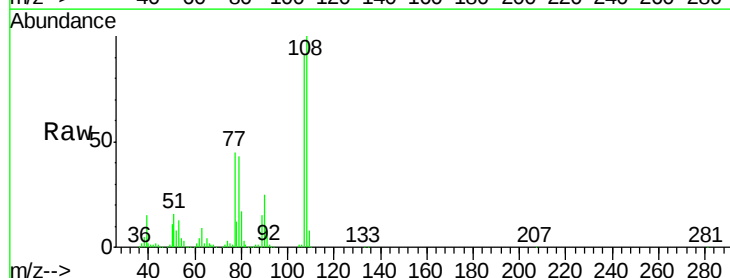
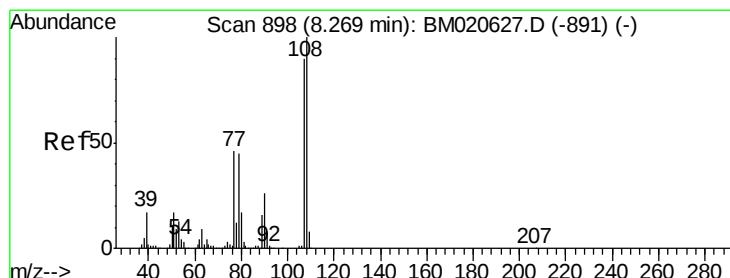
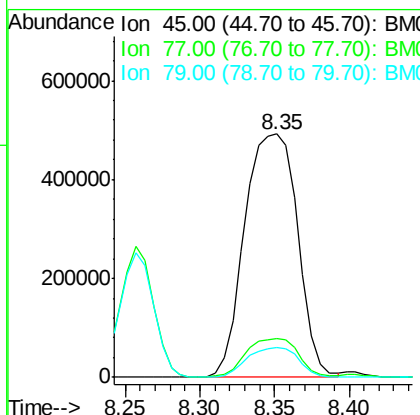
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.945 ng
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	16.0	0.0	35.4
79	12.0	0.0	32.2

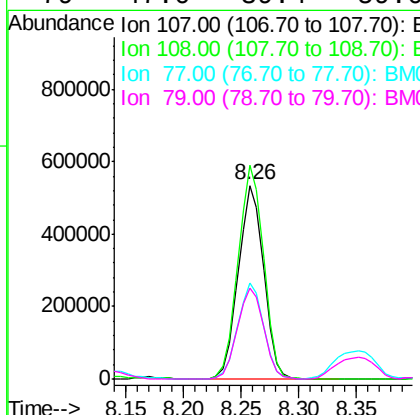
Manual Integrations
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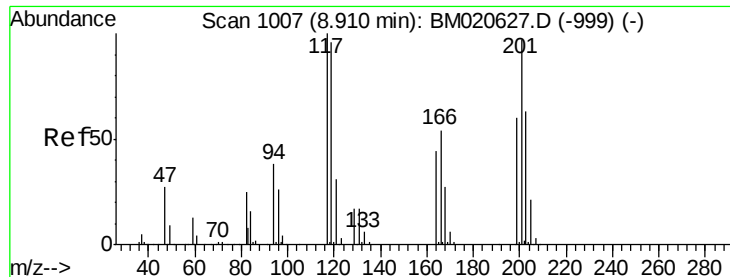
mohammad
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#17
2-Methylphenol
Concen: 38.806 ng
RT: 8.26 min Scan# 896
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.2	132.4
77	49.3	39.5	59.3
79	47.0	39.4	59.0





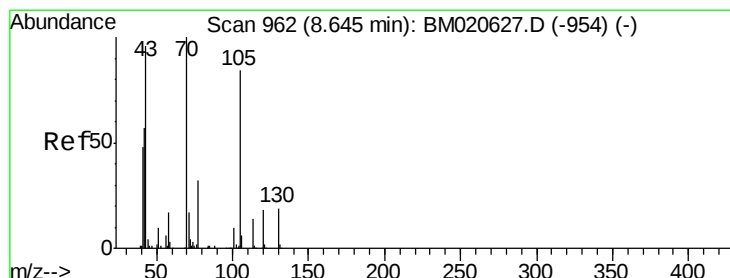
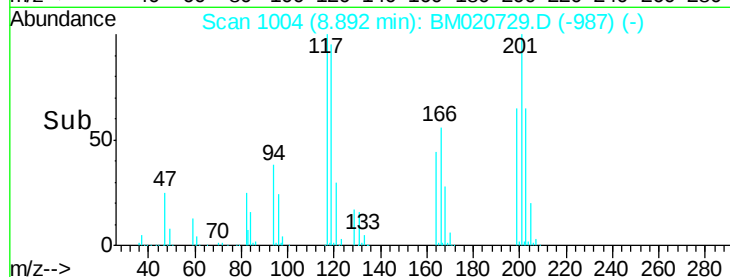
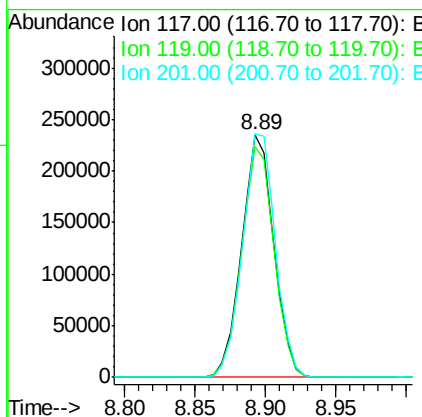
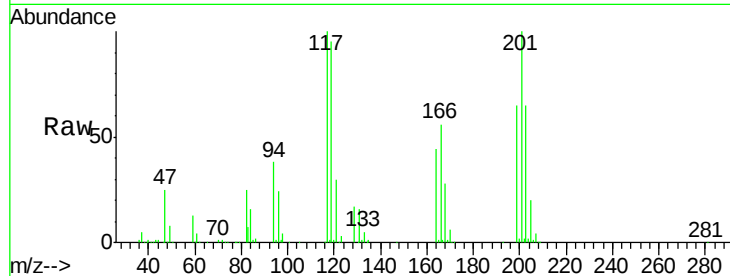
#18
Hexachloroethane
Concen: 35.726 ng
RT: 8.89 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	100.3	83.0	124.4

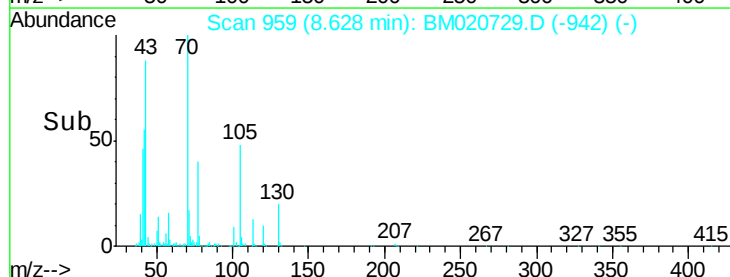
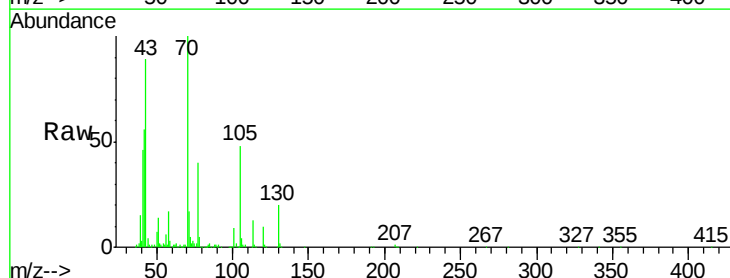
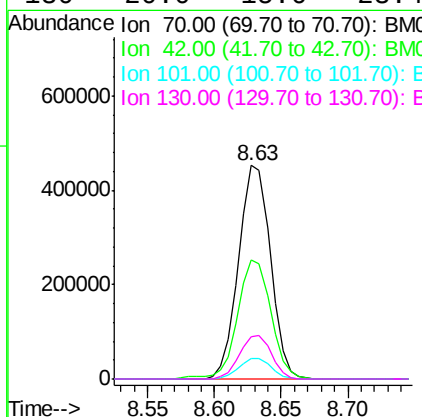
Manual Integrations
APPROVED

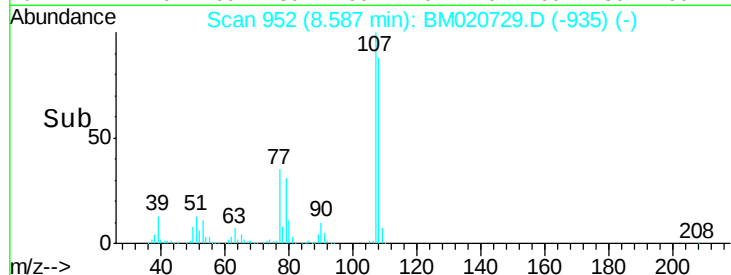
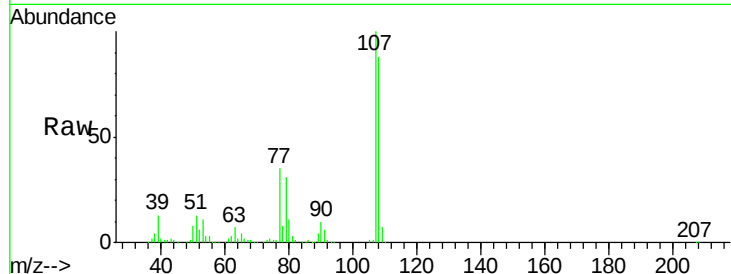
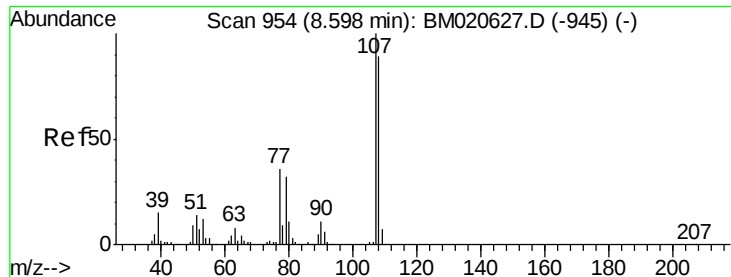
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#19
n-Nitroso-di-n-propylamine
Concen: 33.709 ng
RT: 8.63 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.2	66.2
101	9.4	7.2	10.8
130	20.0	15.6	23.4





#20

3+4-Methylphenols

Concen: 38.047 ng

RT: 8.59 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tot Ion	107	Resp	1087528
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.3	110.3
77	34.9	15.5	55.5
79	31.2	11.9	51.9

Instrument :

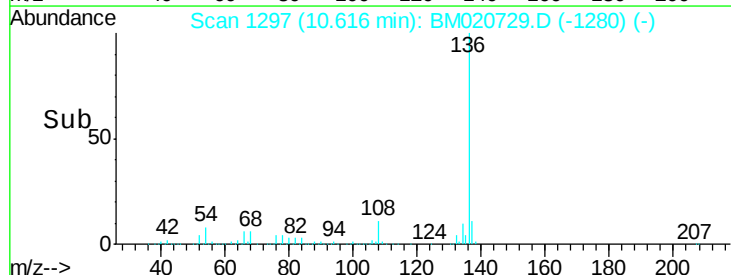
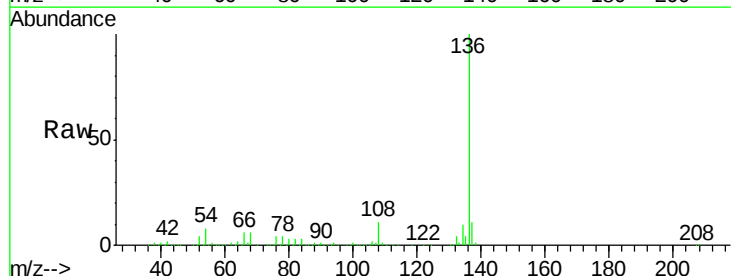
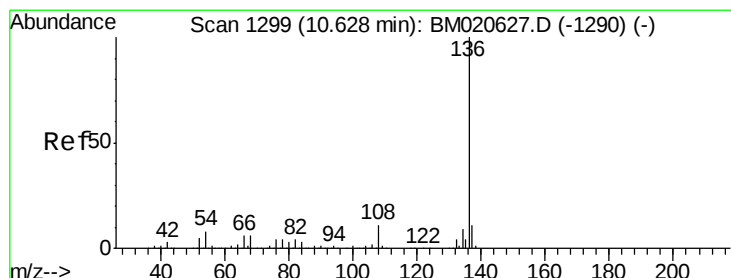
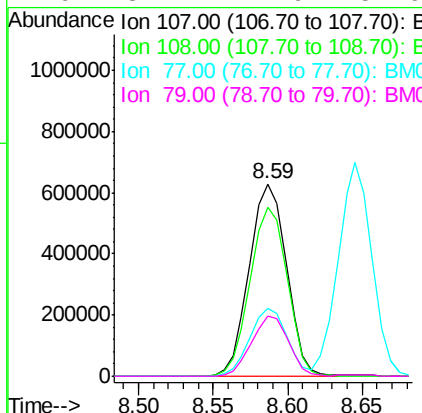
BNA_M

ClientSampleId :

PB120082BSD

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#21

Naphthalene-d8

Concen: 20.000 ng

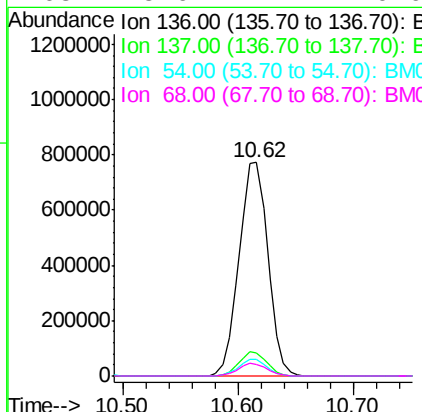
RT: 10.62 min Scan# 1297

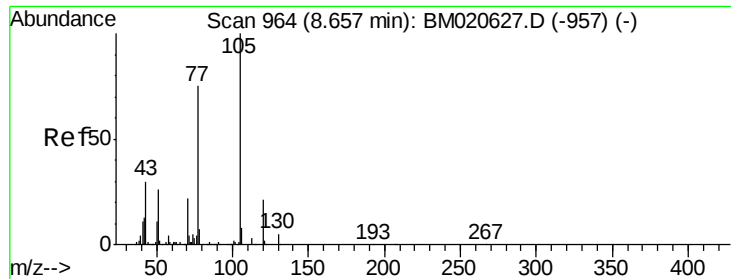
Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tgt Ion	136	Resp	1342938
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	6.0	9.0
68	5.6	4.4	6.6





#22

Acetophenone

Concen: 40.219 ng

RT: 8.65 min Scan# 962

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:105 Resp: 1372075

Ion Ratio Lower Upper

105 100

71 3.1 1.8 2.8#

51 26.9 20.9 31.3

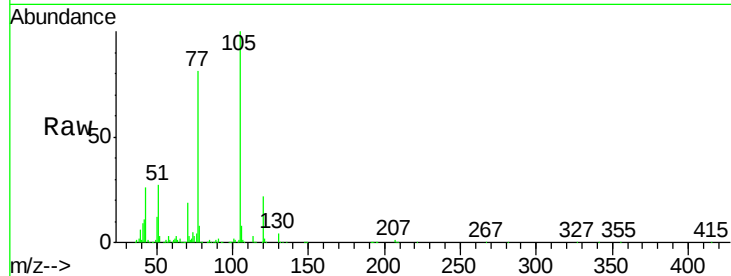
120 21.7 17.6 26.4

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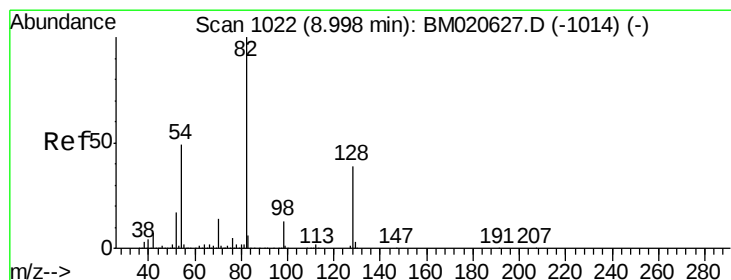
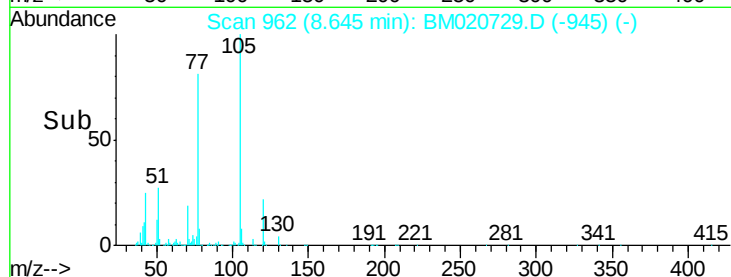
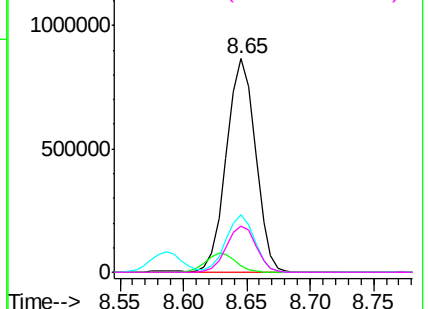


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.281 ng

RT: 8.99 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

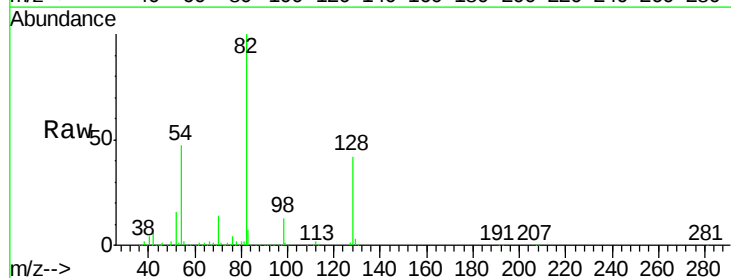
Tgt Ion: 82 Resp: 1873504

Ion Ratio Lower Upper

82 100

128 42.0 33.2 49.8

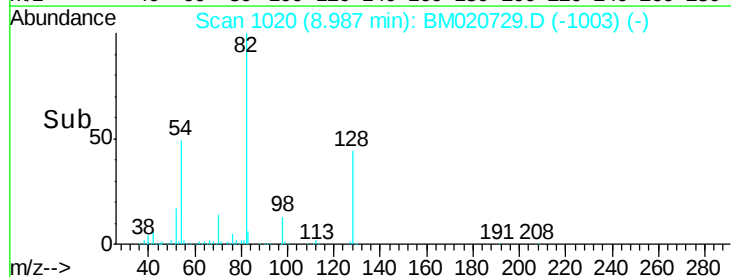
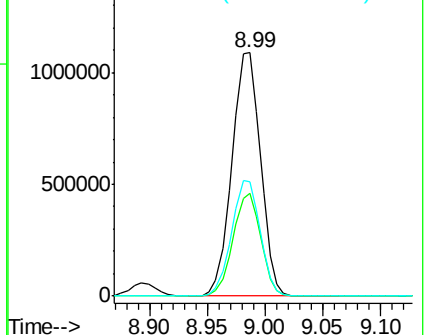
54 47.2 37.7 56.5

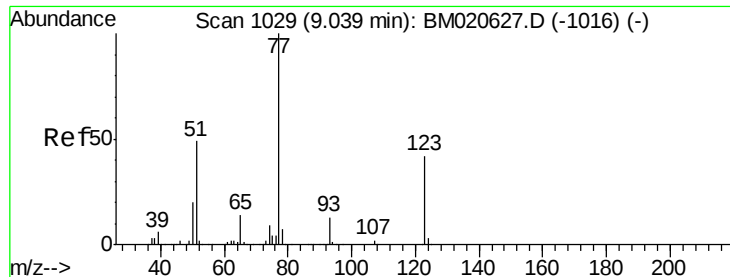


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





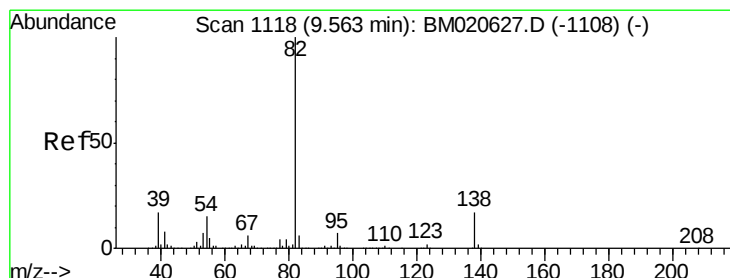
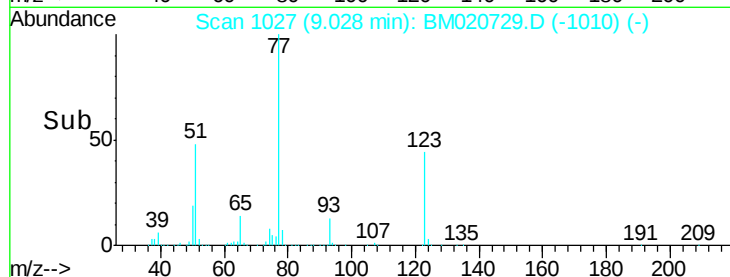
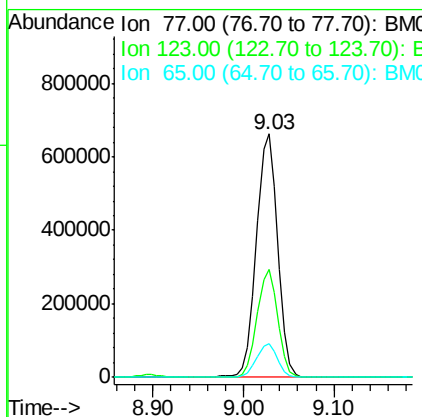
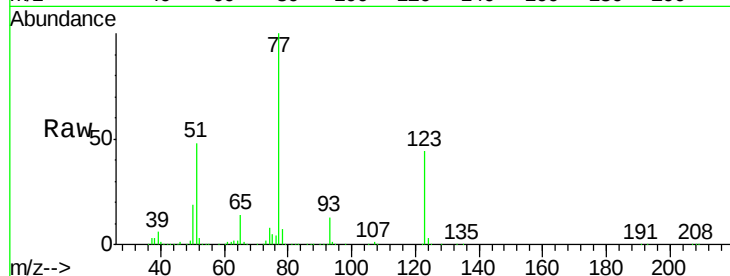
#24
Nitrobenzene
Concen: 40.541 ng
RT: 9.03 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.8	53.8
65	13.6	10.9	16.3

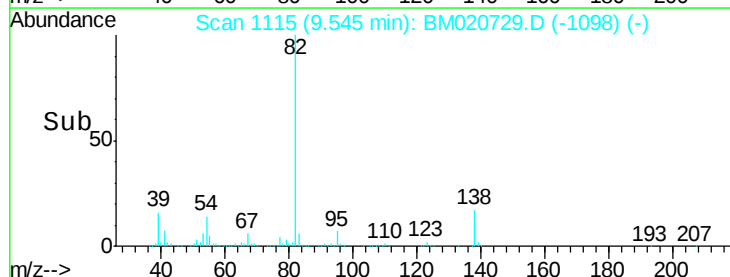
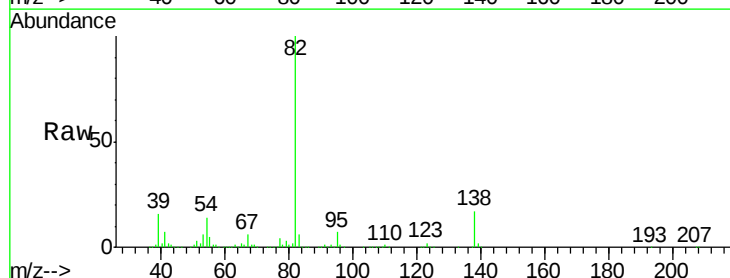
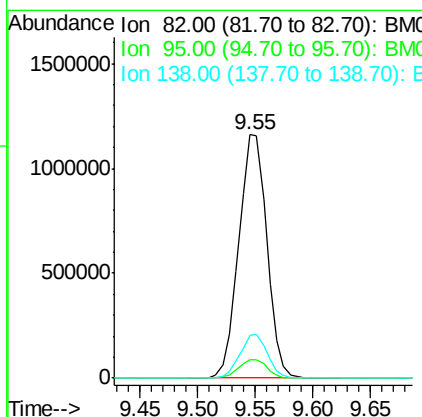
Manual Integrations
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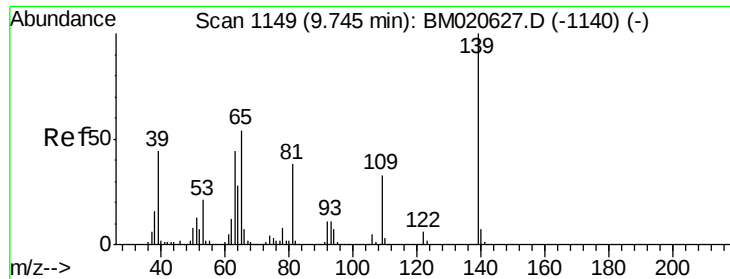
mohammad
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#25
Isophorone
Concen: 38.140 ng
RT: 9.55 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	17.5	14.5	21.7





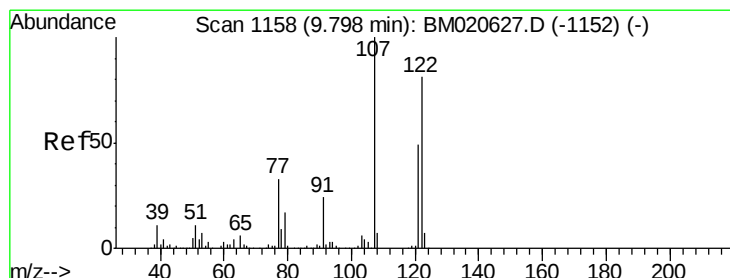
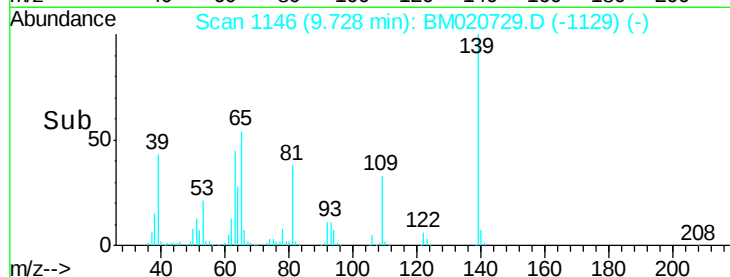
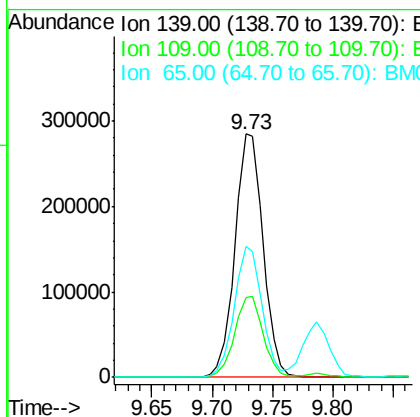
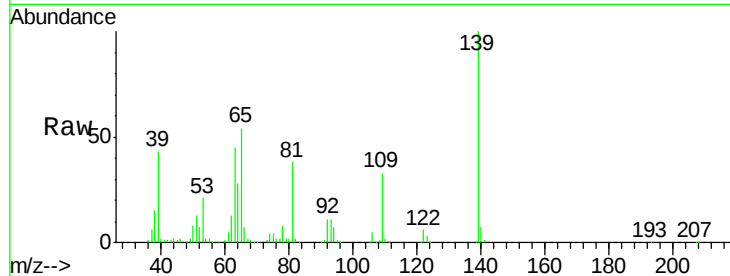
#26
2-Nitrophenol
Concen: 47.023 ng
RT: 9.73 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	463723		
109	32.9	26.8	40.2	
65	53.5	42.6	63.8	

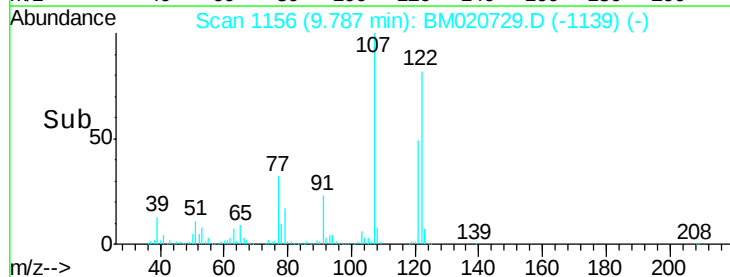
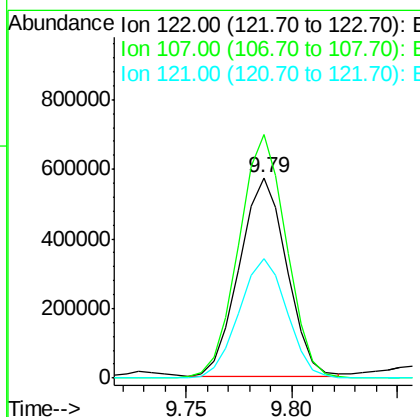
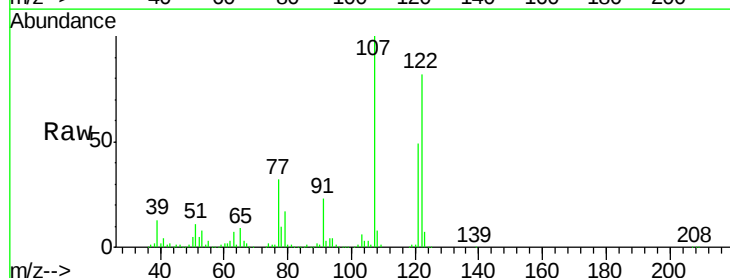
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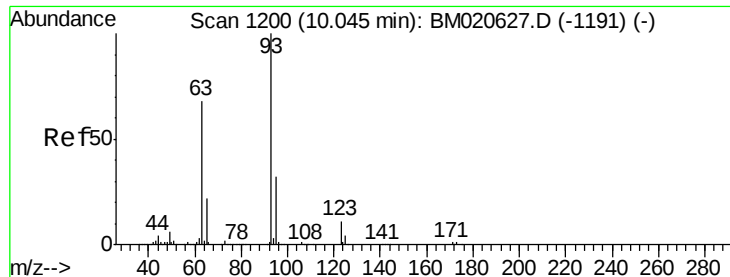
mohammad
6/6/2019 11:21:28 AM



#27
2,4-Dimethylphenol
Concen: 48.137 ng
RT: 9.79 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	889530		
107	121.4	97.8	146.6	
121	59.8	48.5	72.7	





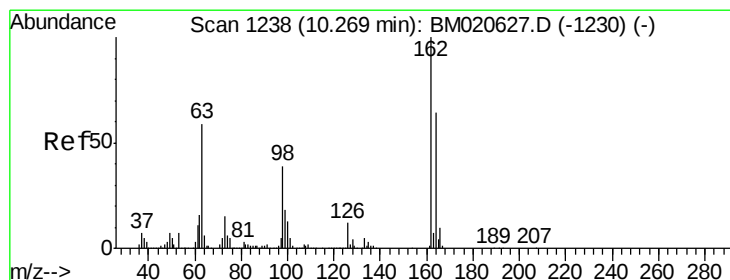
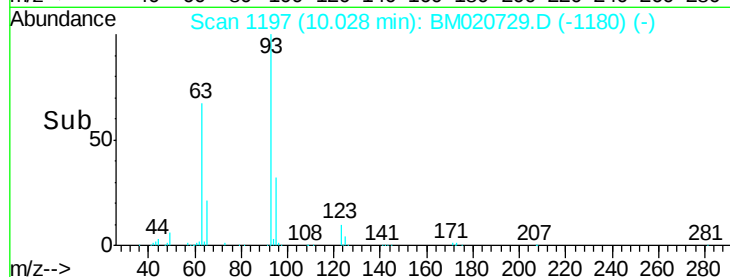
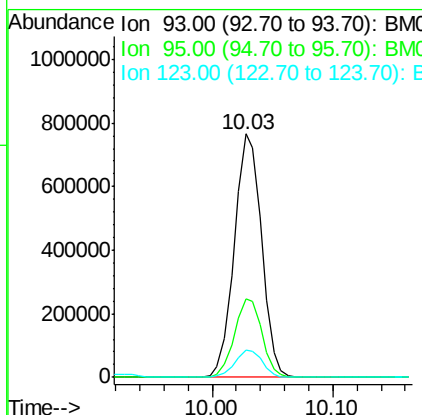
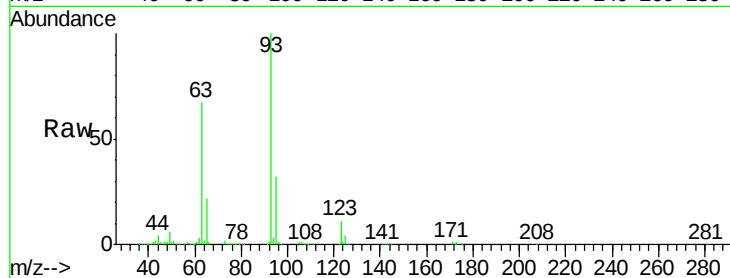
#28
bis(2-Chloroethoxy)methane
Concen: 38.772 ng
RT: 10.03 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion: 93 Resp: 1208674
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.0
123 11.1 8.8 13.2

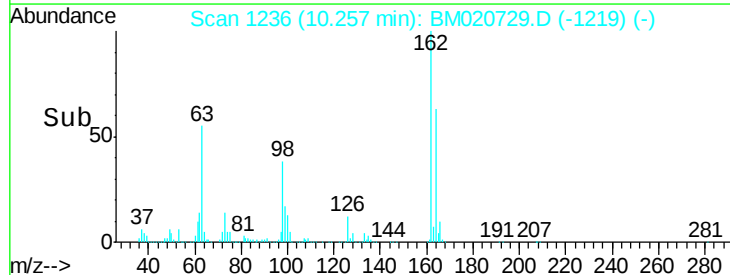
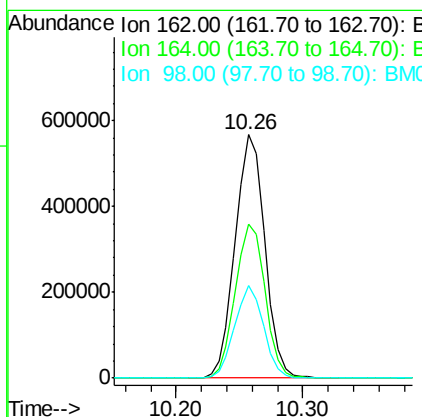
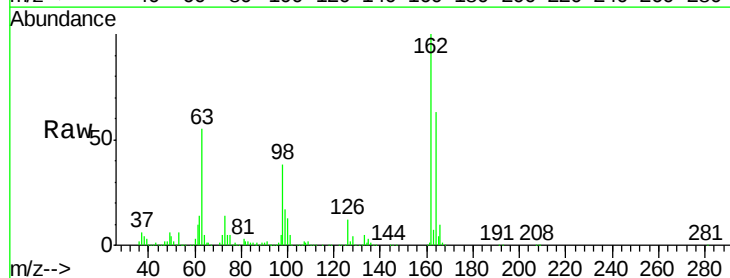
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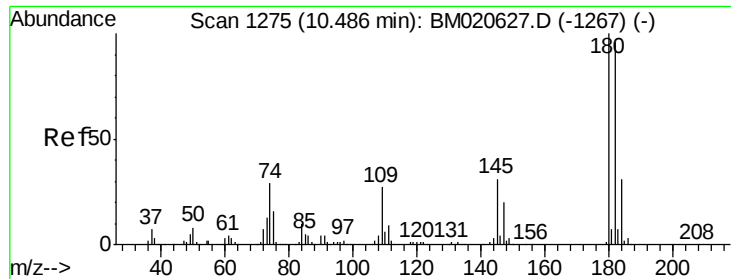
mohammad
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#29
2,4-Dichlorophenol
Concen: 45.058 ng
RT: 10.26 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion: 162 Resp: 921200
Ion Ratio Lower Upper
162 100
164 63.4 45.5 85.5
98 38.0 16.7 56.7





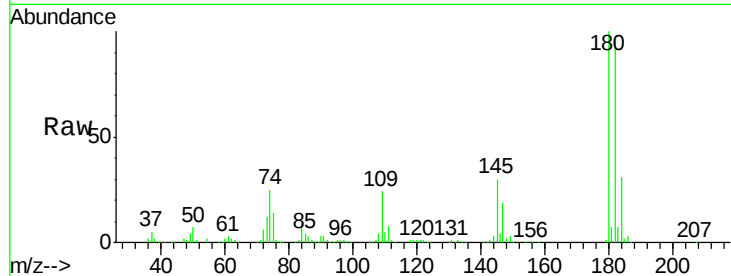
#30
 1,2,4-Trichlorobenzene
 Concen: 41.266 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

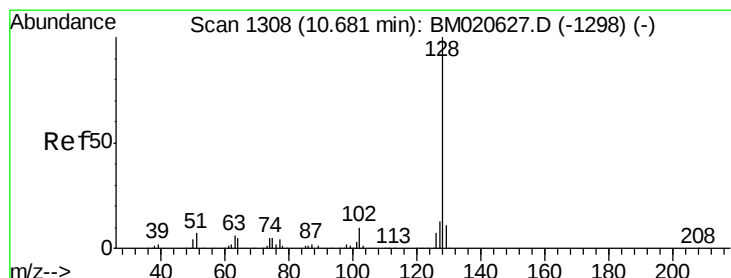
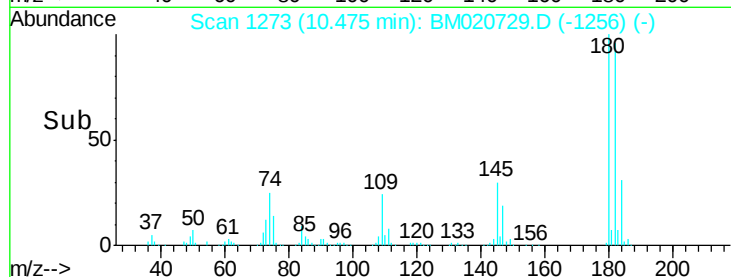
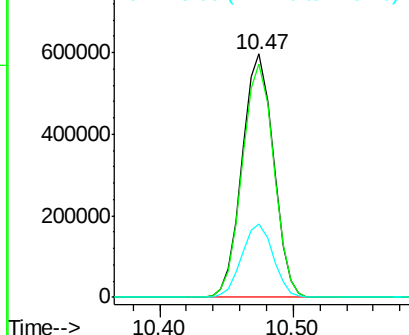
Tot Ion	Ratio	Resp	Lower	Upper
180	100	970108		
182	96.1	77.8	116.8	
145	29.9	24.3	36.5	

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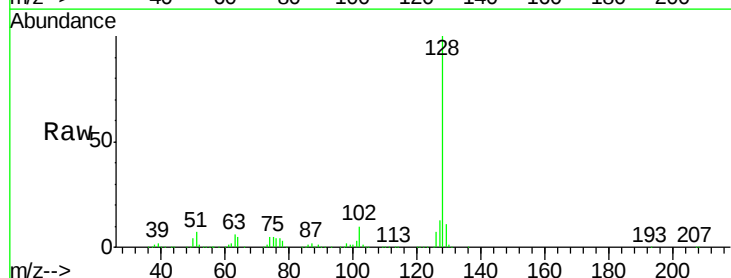


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

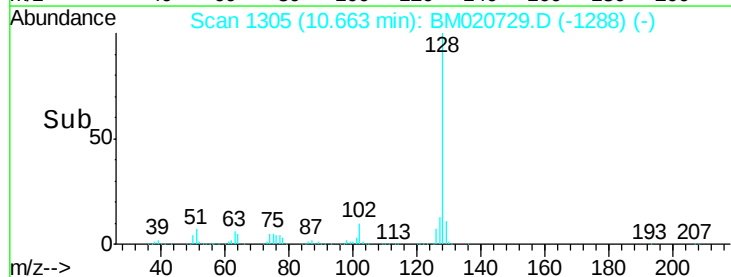
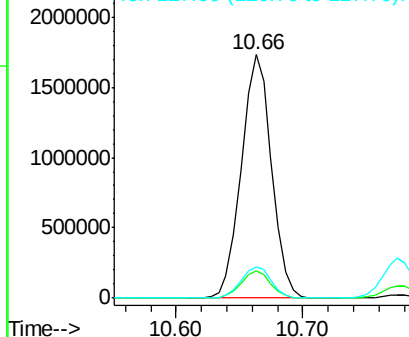


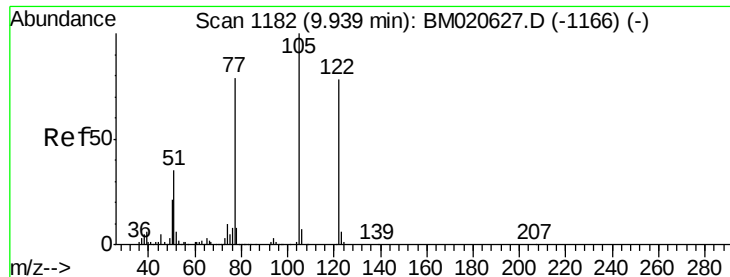
#31
 Naphthalene
 Concen: 41.178 ng
 RT: 10.66 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2843655		
129	11.0	9.0	13.4	
127	12.9	10.5	15.7	



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





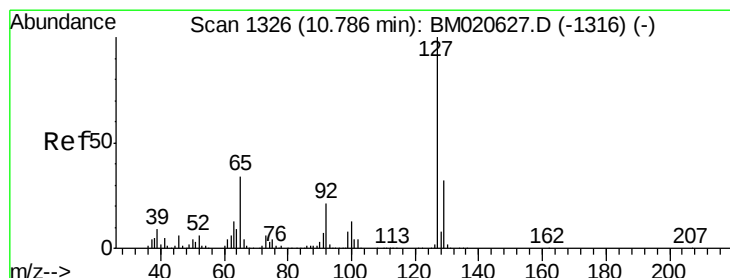
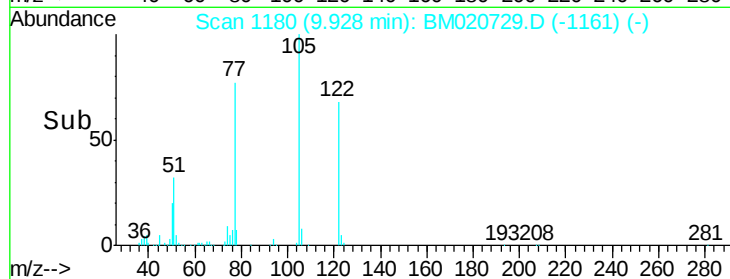
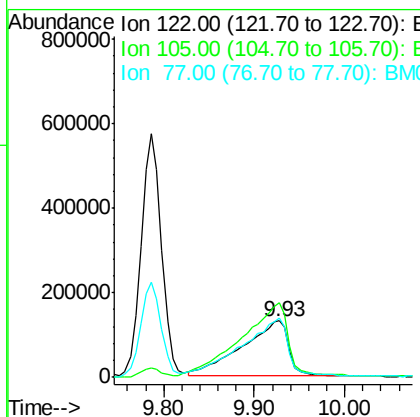
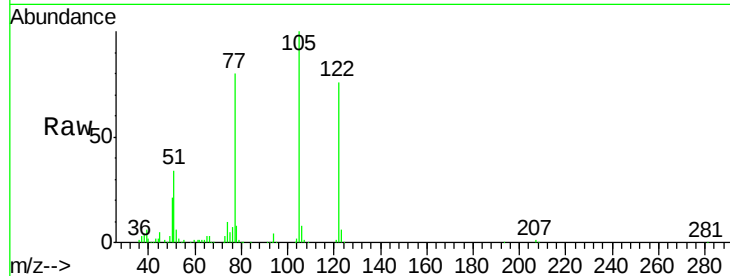
#32
Benzoic acid
Concen: 40.422 ng
RT: 9.93 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	132.2	108.0	148.0
77	105.7	82.2	122.2

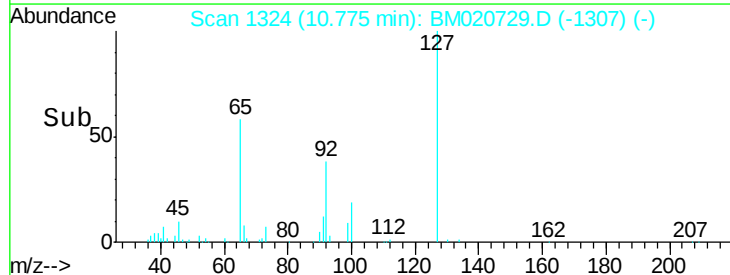
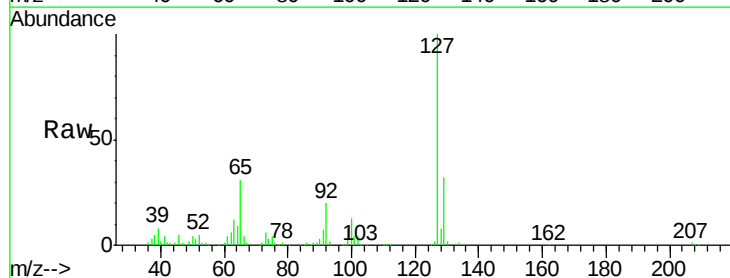
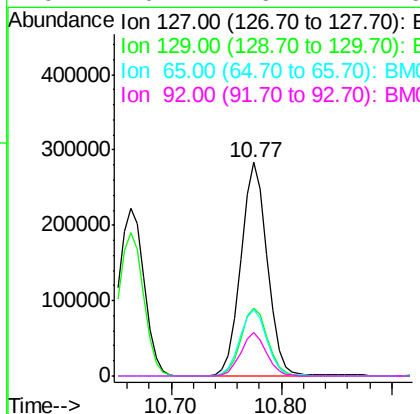
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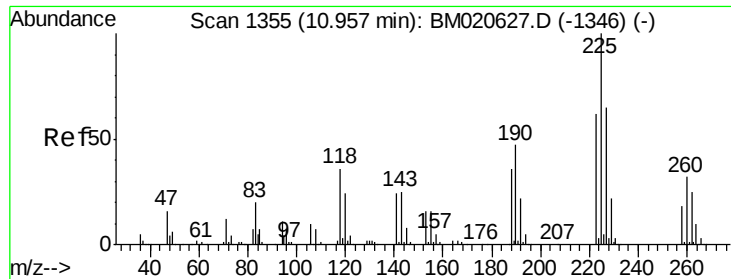
mohammad
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#33
4-Chloroaniline
Concen: 14.900 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.2
65	31.2	25.3	37.9
92	20.4	16.4	24.6





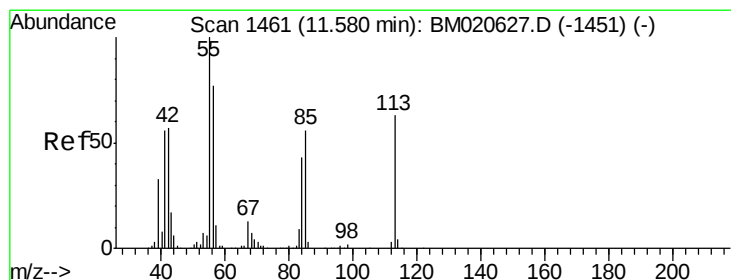
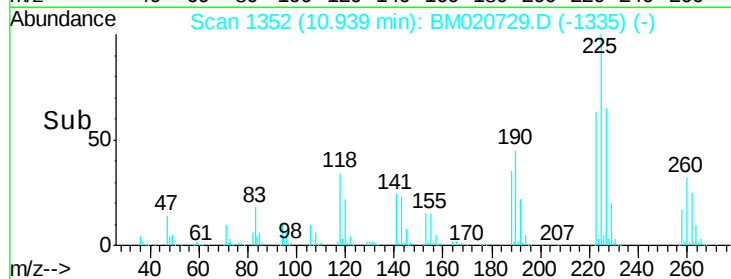
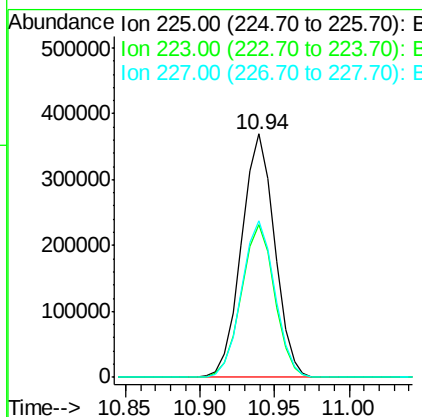
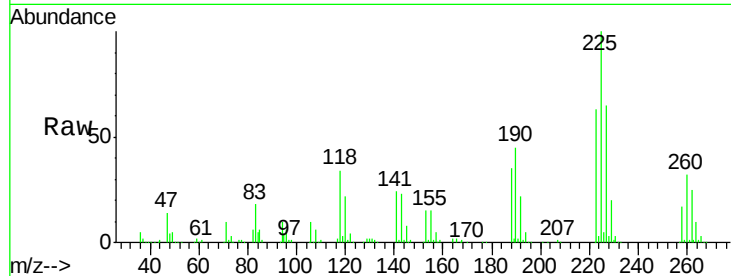
#34
Hexachlorobutadiene
Concen: 40.252 ng
RT: 10.94 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	567768		
223	63.0		49.6	74.4
227	64.5		51.0	76.4

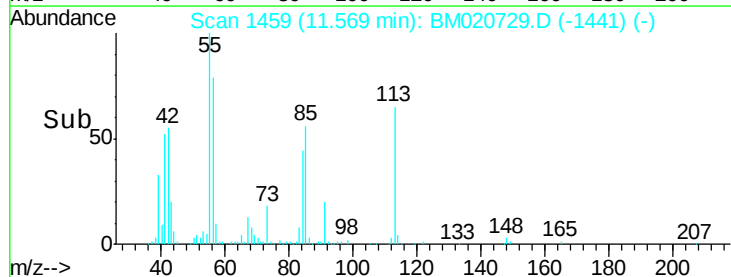
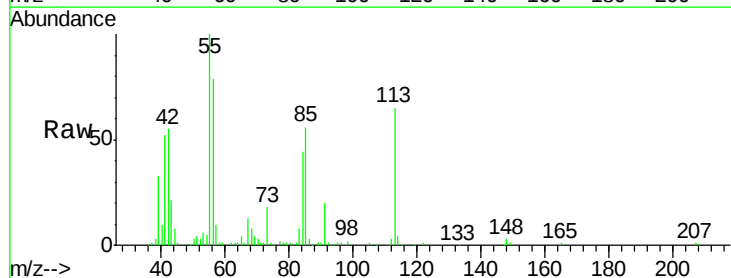
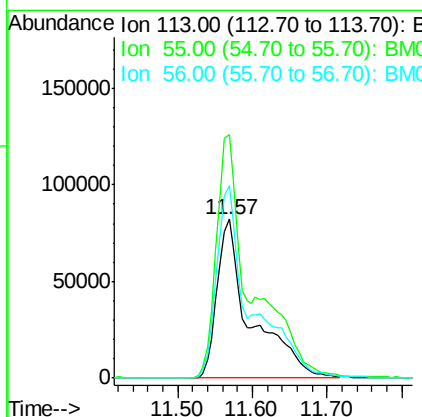
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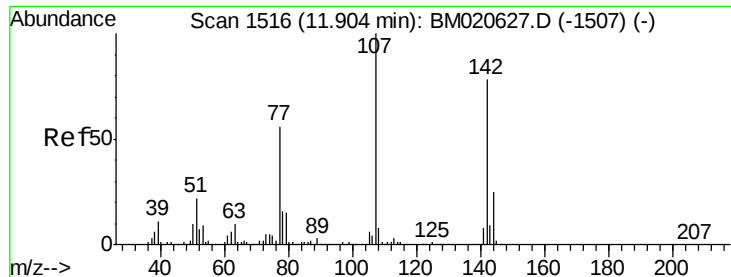
mohammad
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#35
Caprolactam
Concen: 36.154 ng m
RT: 11.57 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	256789		
55	153.3		141.1	181.1
56	120.9		105.0	145.0





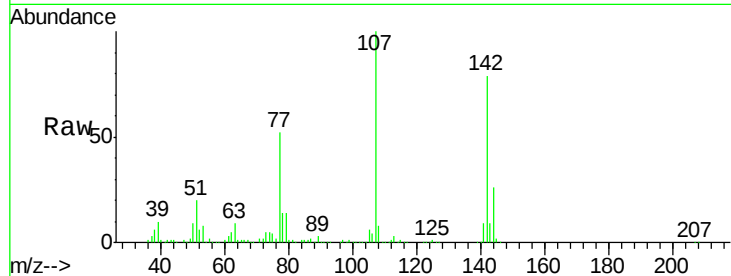
#36
4-Chloro-3-methylphenol
Concen: 40.036 ng
RT: 11.90 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	951686		
144	26.0	20.6	31.0	
142	79.3	63.3	94.9	

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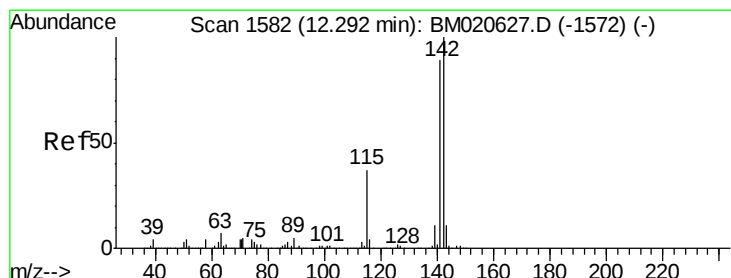
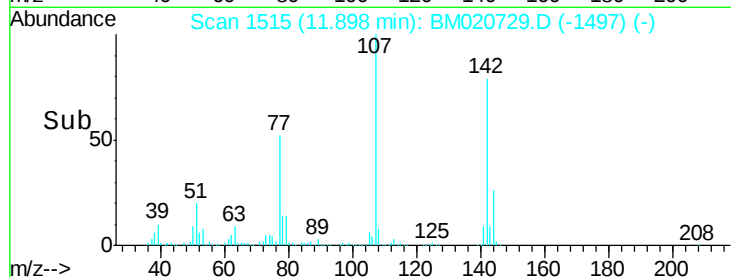
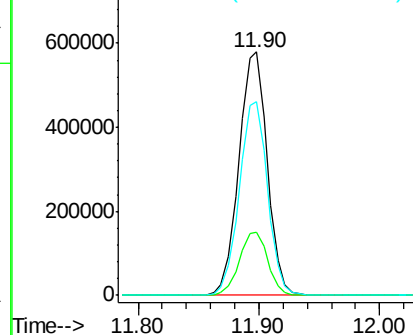


Abundance

Ion 107.00 (106.70 to 107.70): E

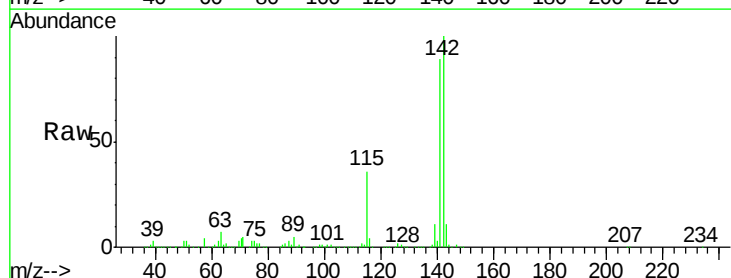
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
2-Methylnaphthalene
Concen: 41.089 ng
RT: 12.27 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	2103254		
141	89.0	71.4	107.0	
115	36.0	28.2	42.4	

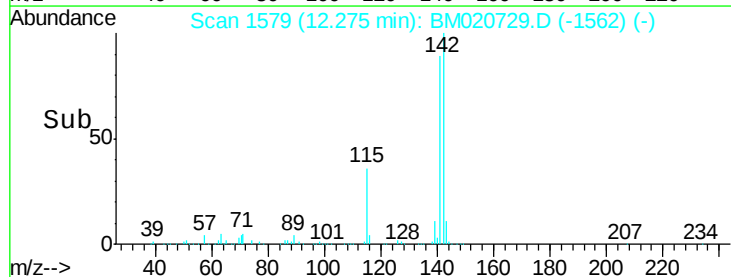
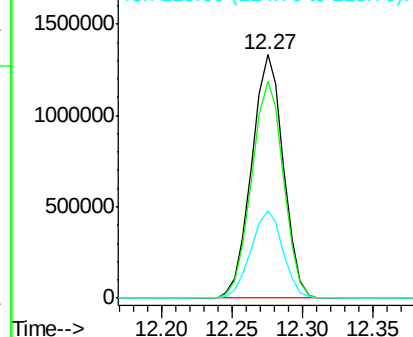


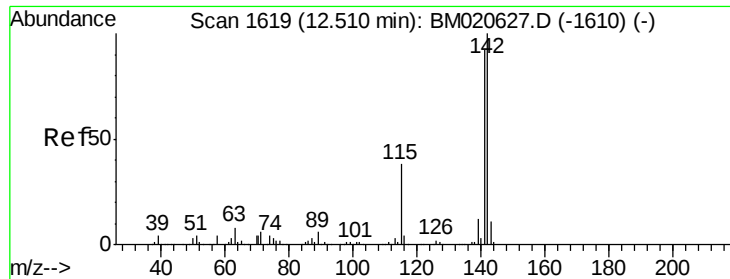
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





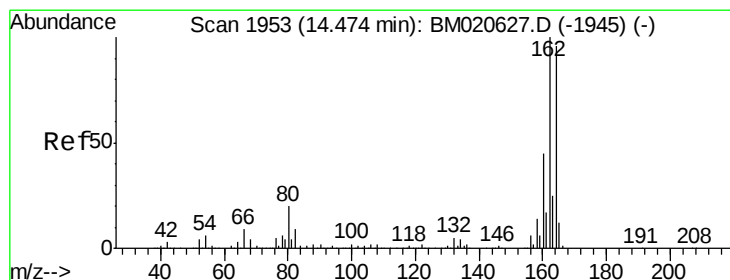
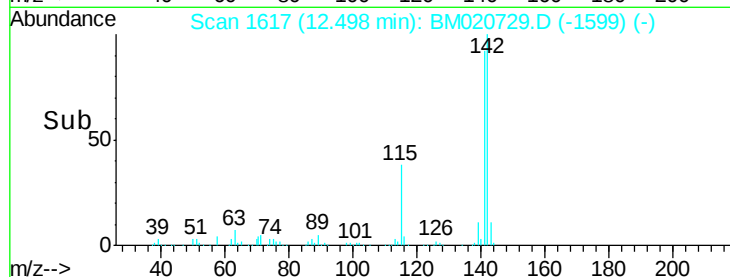
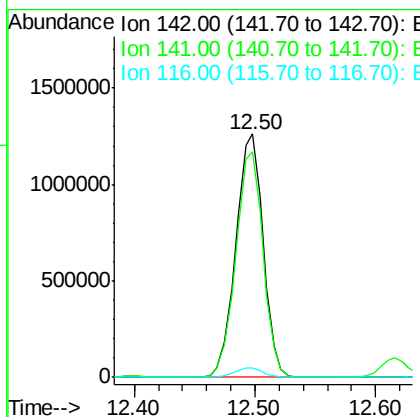
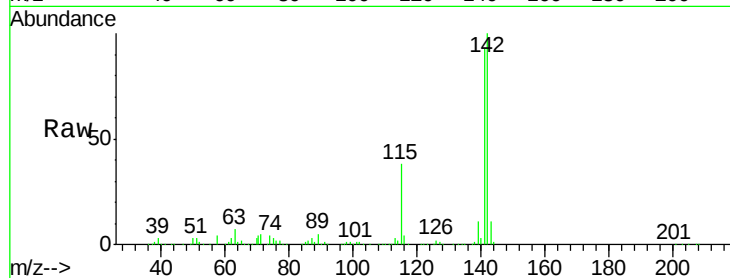
#38
1-Methylnaphthalene
Concen: 40.791 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1
116	3.9	3.2	4.8

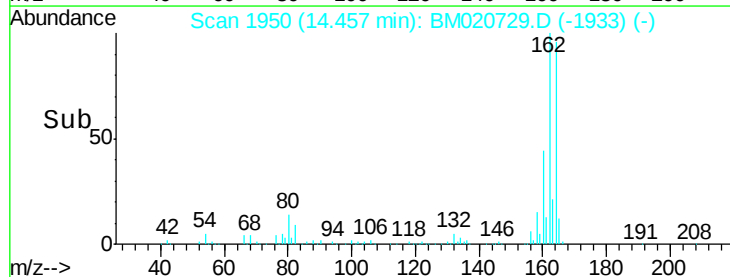
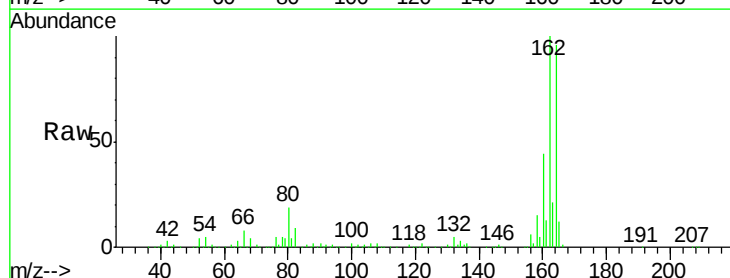
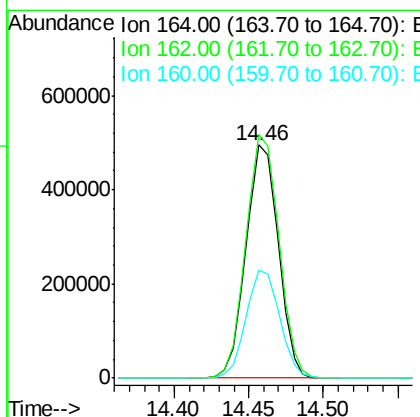
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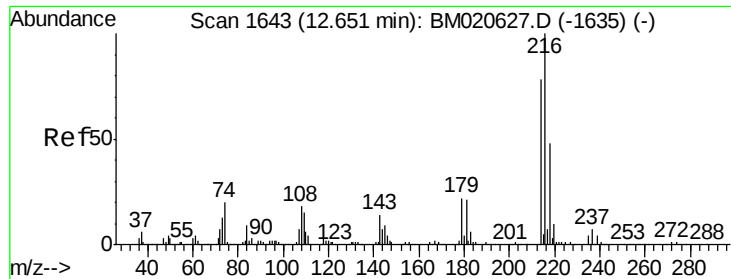
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	46.0	37.2	55.8





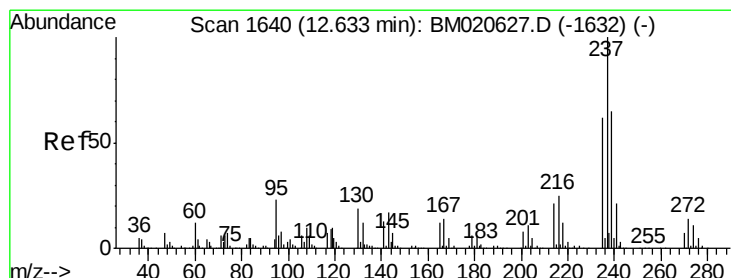
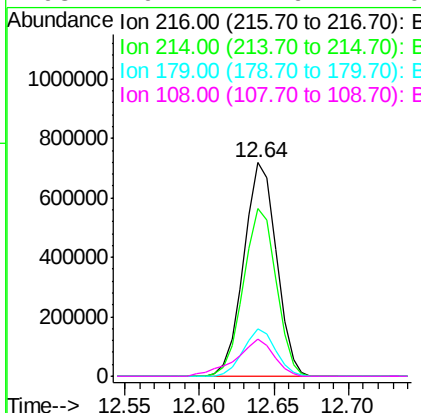
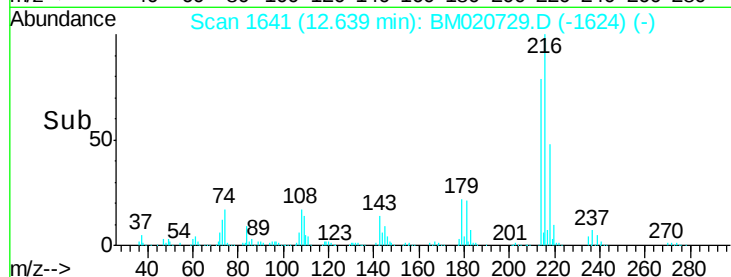
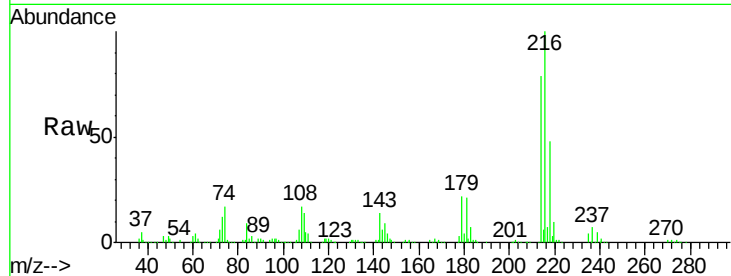
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.632 ng
 RT: 12.64 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion:	216	Resp:	1086000
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.1	94.7
179	21.7	17.3	25.9
108	20.2	14.6	22.0

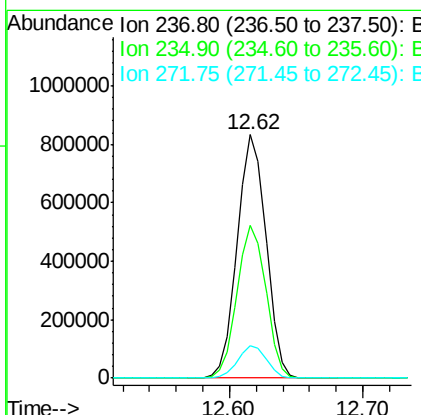
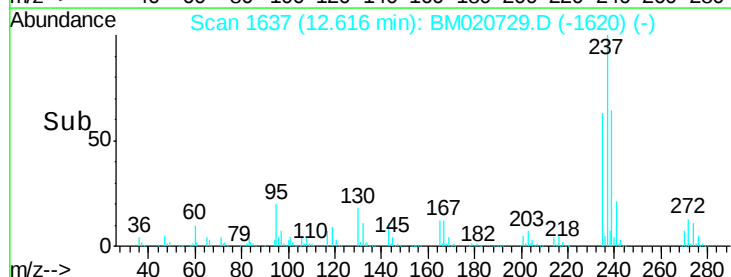
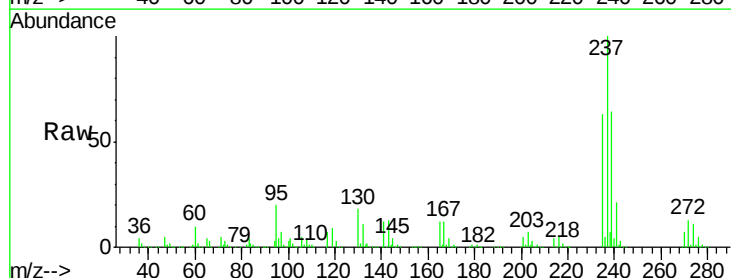
Manual Integrations
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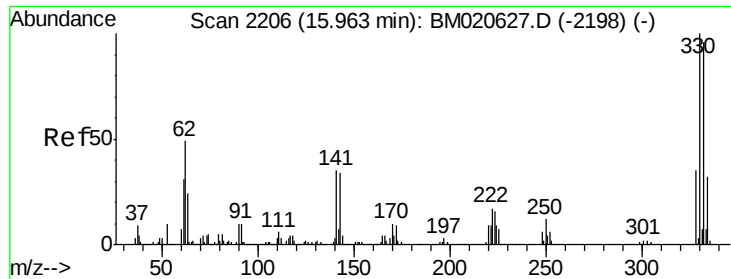
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#41
 Hexachlorocyclopentadiene
 Concen: 85.747 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion:	237	Resp:	1247851
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.7	81.7
272	13.2	0.0	33.0





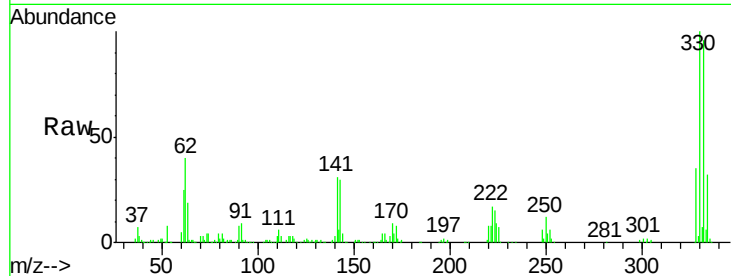
#42
 2,4,6-Tribromophenol
 Concen: 81.304 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

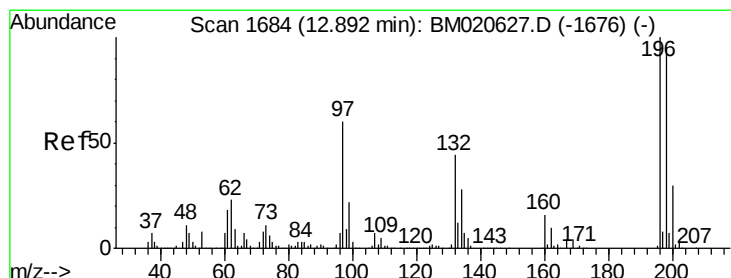
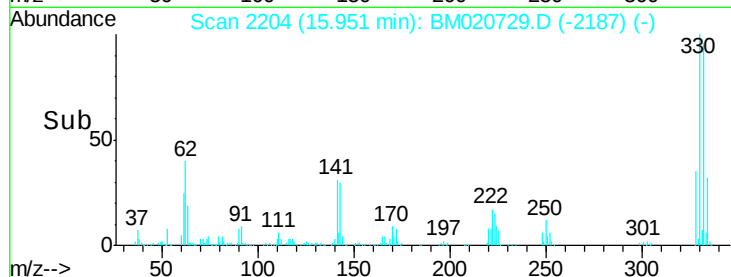
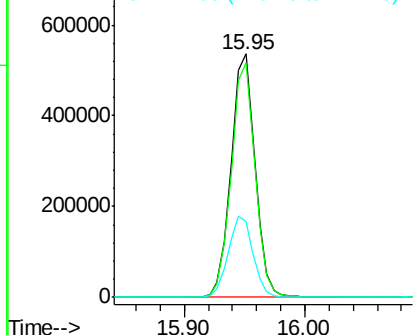
Tot Ion	Ratio	Resp	Lower	Upper
330	100	747963		
332	95.6	77.0	115.4	
141	34.3	27.7	41.5	

Manual Integrations
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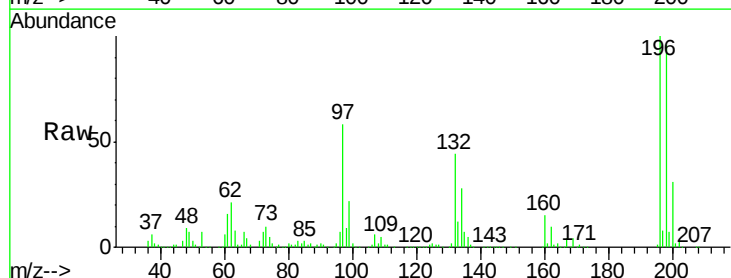


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

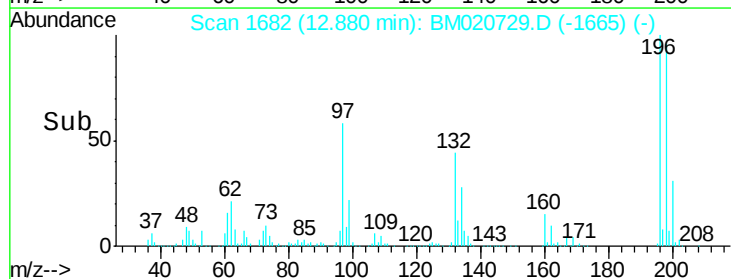
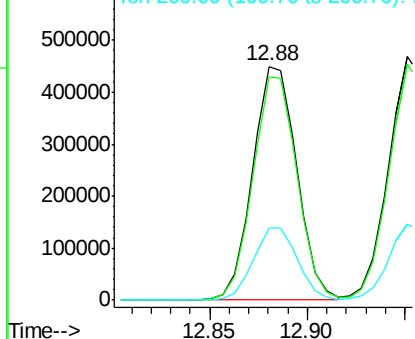


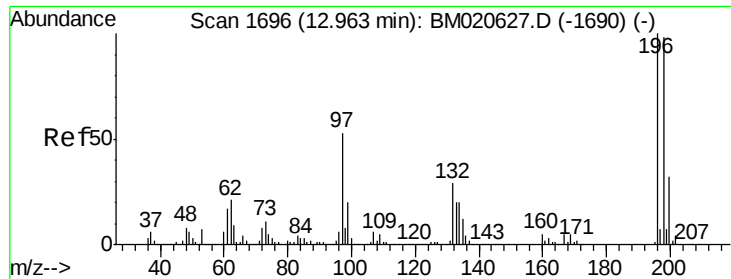
#43
 2,4,6-Trichlorophenol
 Concen: 44.901 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	703256		
198	95.6	76.4	114.6	
200	30.6	24.6	37.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





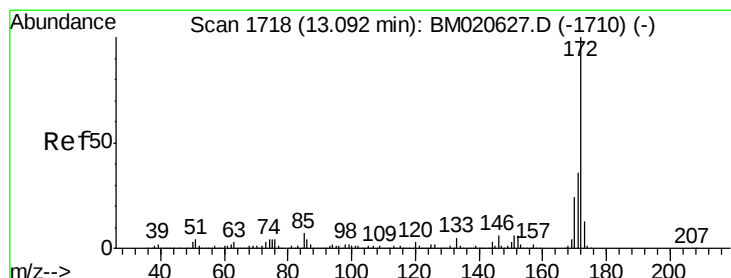
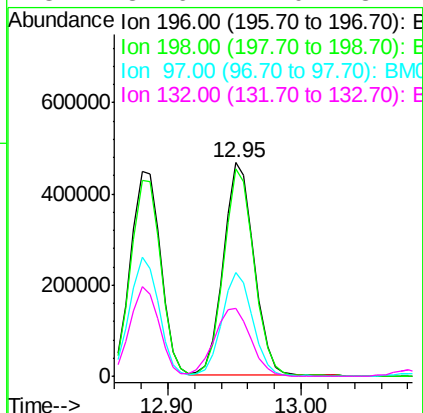
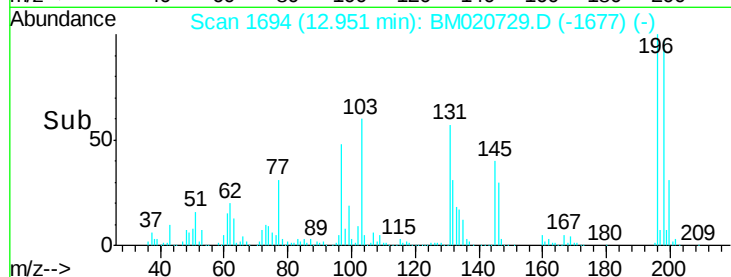
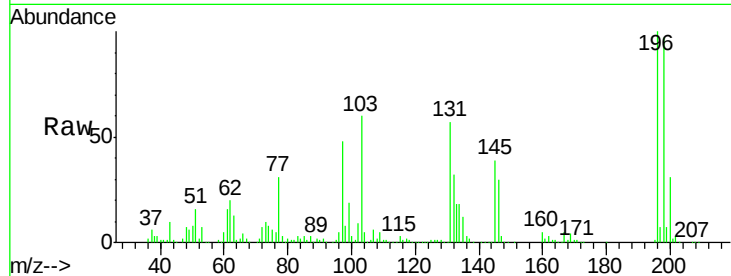
#44
 2,4,5-Trichlorophenol
 Concen: 46.388 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	96.8	76.0	114.0
97	48.4	39.8	59.8
132	31.6	21.0	31.4

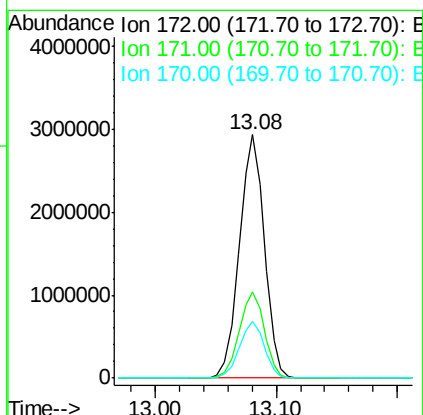
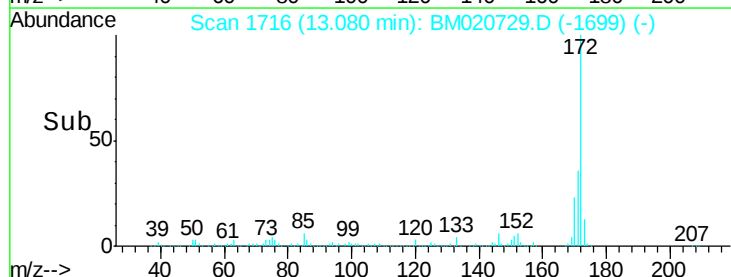
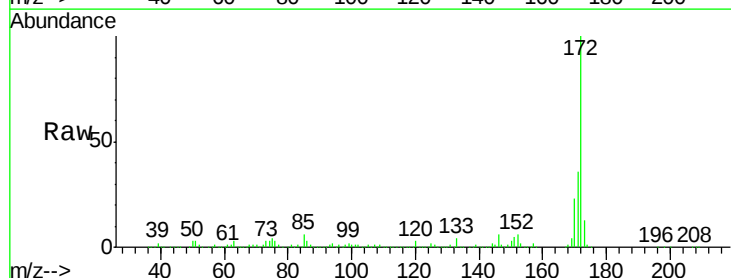
Manual Integrations
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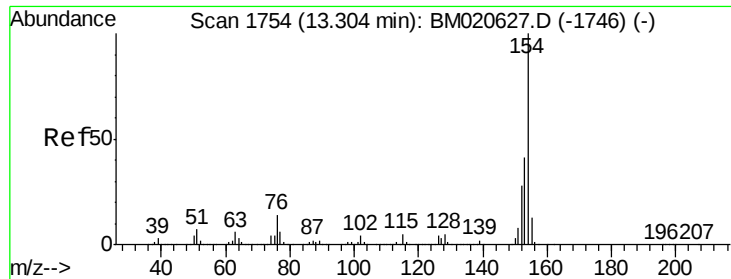
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#45
 2-Fluorobiphenyl
 Concen: 75.770 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.3	18.5	27.7





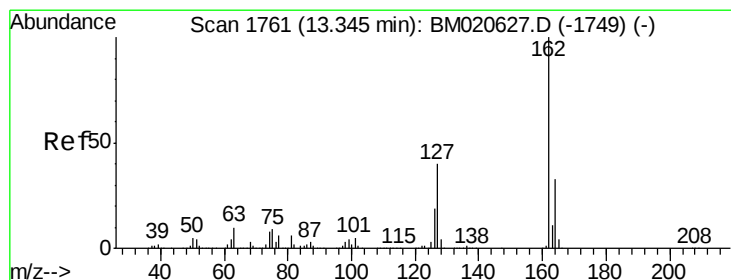
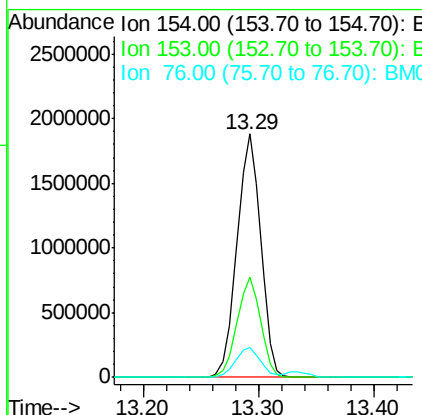
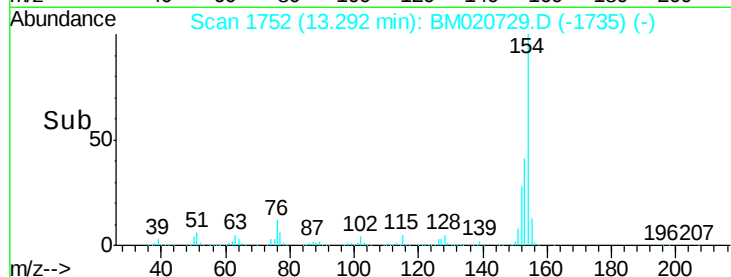
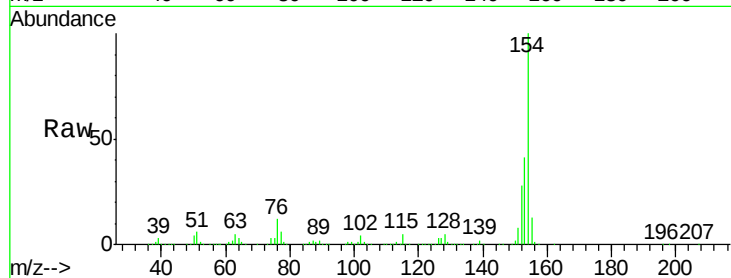
#46
1,1'-Biphenyl
Concen: 43.047 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	12.4	0.0	32.5

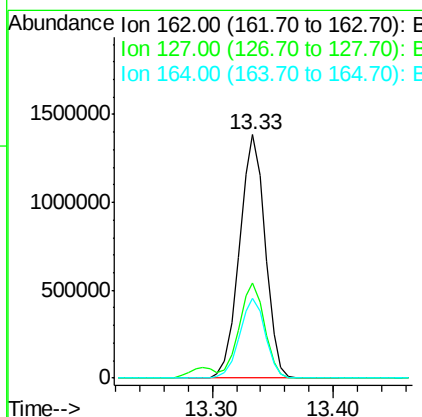
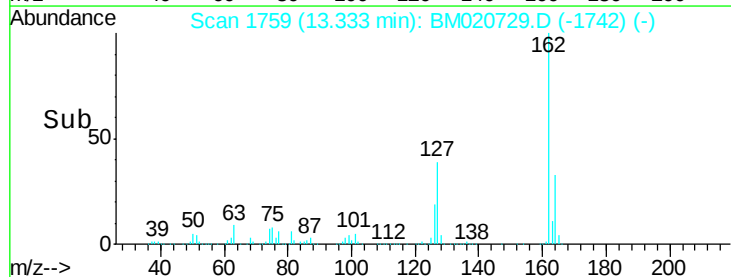
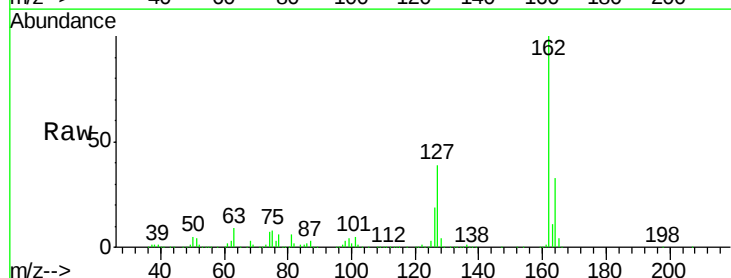
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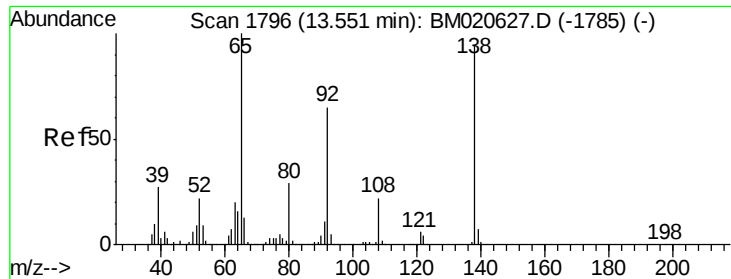
mohammad
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#47
2-Chloronaphthalene
Concen: 41.065 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.1	46.7
164	33.0	26.1	39.1





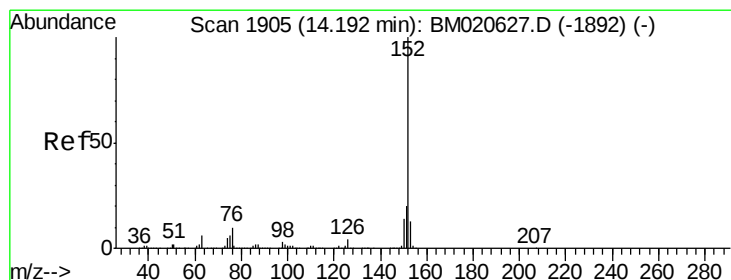
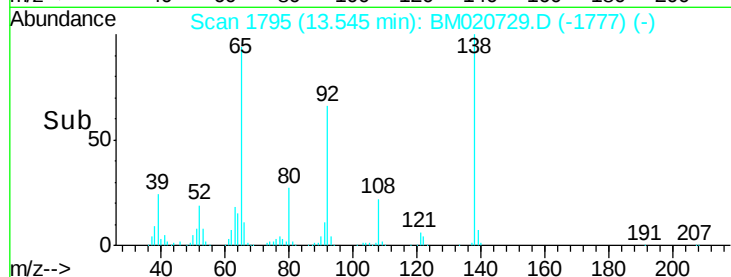
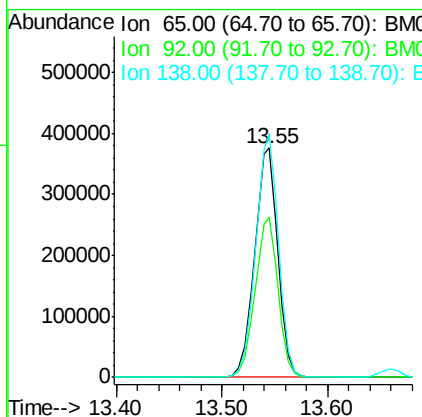
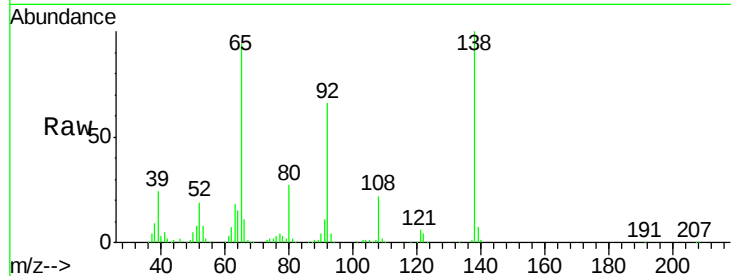
#48
2-Nitroaniline
Concen: 36.721 ng
RT: 13.55 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	55.2	82.8
138	106.2	82.6	124.0

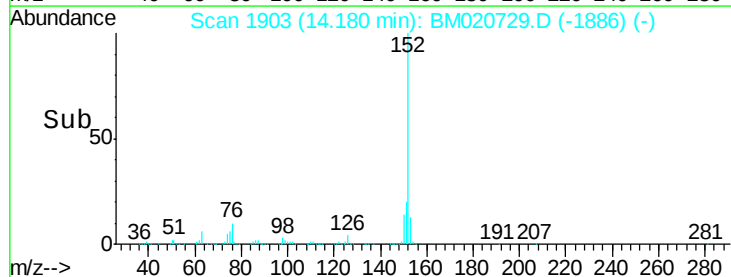
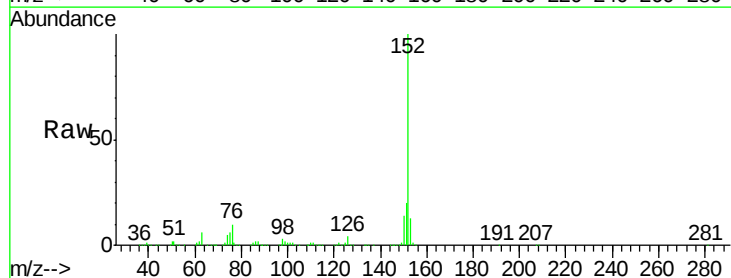
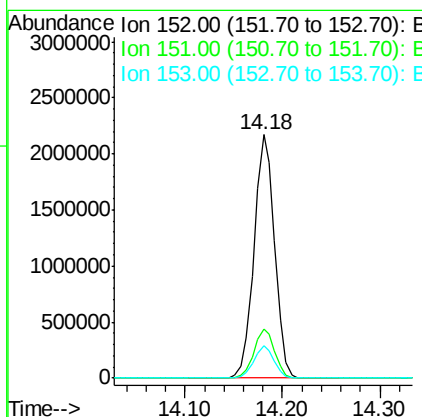
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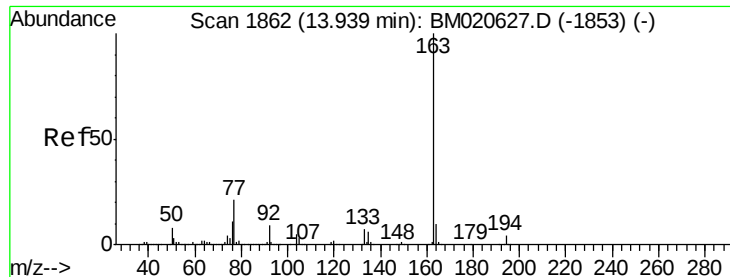
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#49
Acenaphthylene
Concen: 41.356 ng
RT: 14.18 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.4	10.6	15.8





#50

Dimethylphthalate

Concen: 39.659 ng

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleID :

PB120082BSD

Tot Ion:163 Resp: 2515772

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

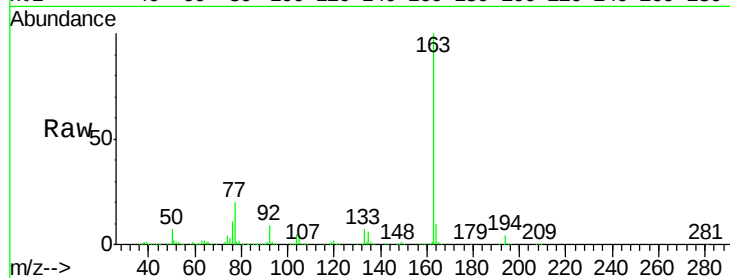
164 10.1 8.2 12.4

Manual Integrations

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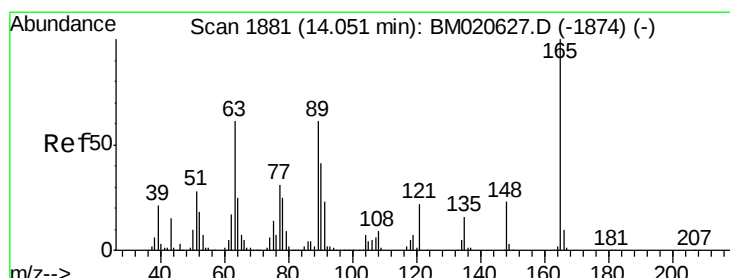
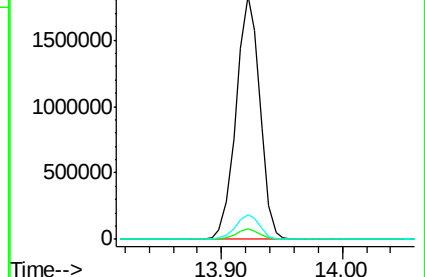
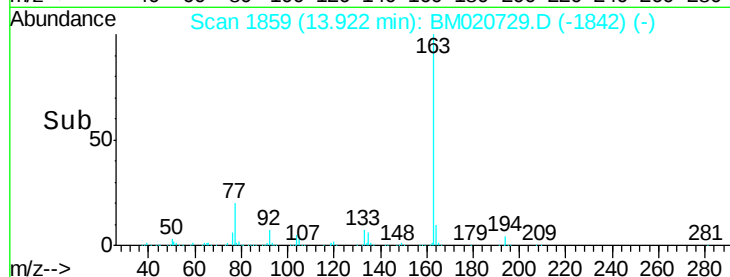
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 41.653 ng

RT: 14.05 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

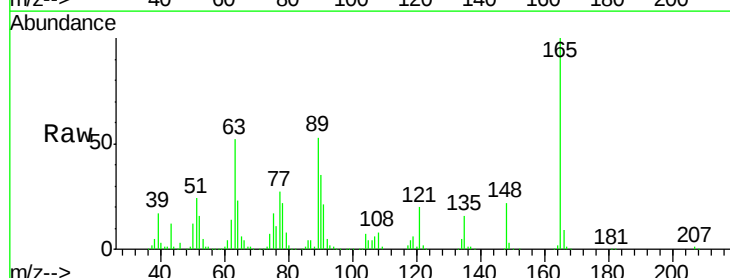
Tgt Ion:165 Resp: 536518

Ion Ratio Lower Upper

165 100

63 52.4 45.0 67.6

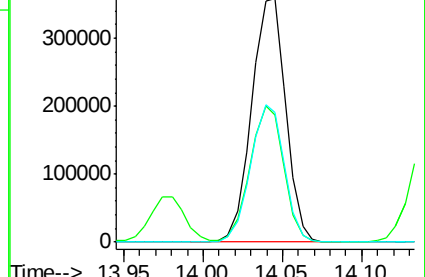
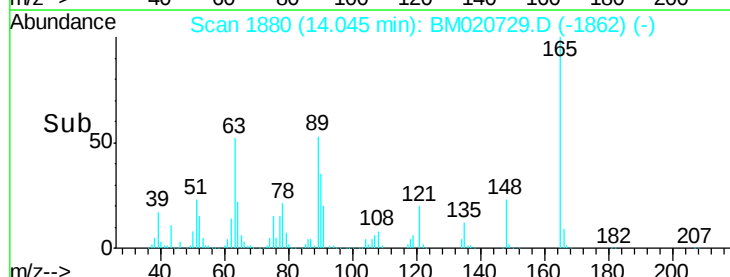
89 53.3 43.5 65.3

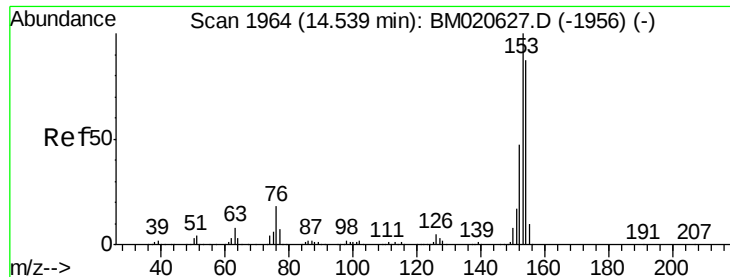


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 40.753 ng

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:154 Resp: 1896523

Ion Ratio Lower Upper

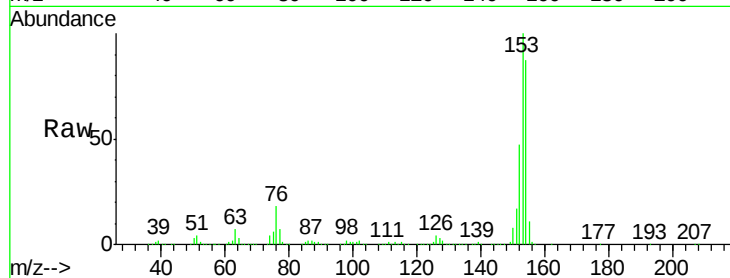
154 100

153 114.6 90.6 135.8

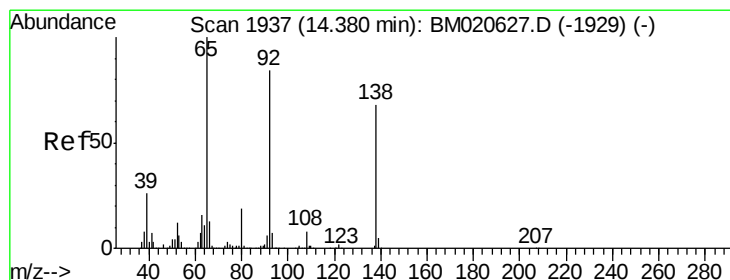
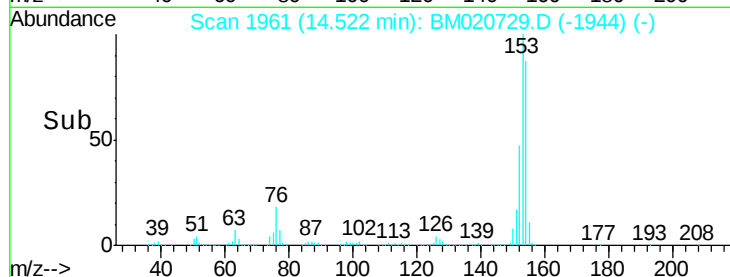
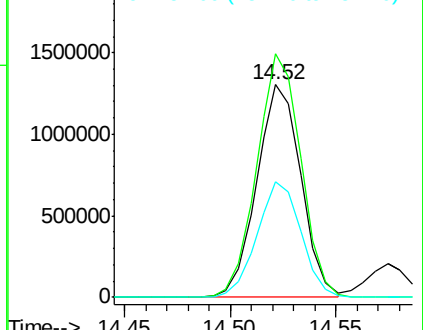
152 54.3 42.6 63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 23.375 ng

RT: 14.37 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

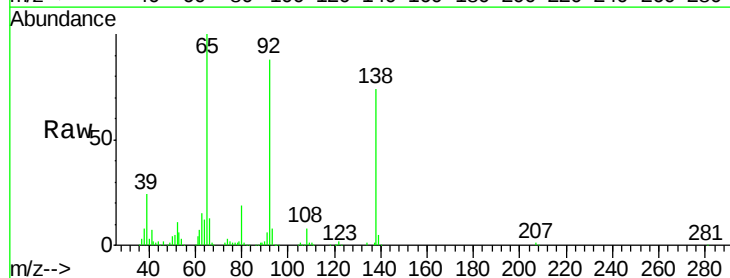
Tgt Ion:138 Resp: 336055

Ion Ratio Lower Upper

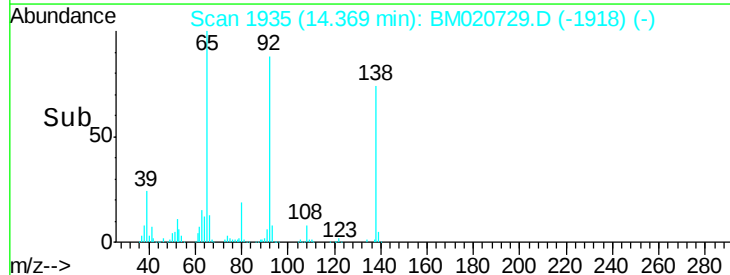
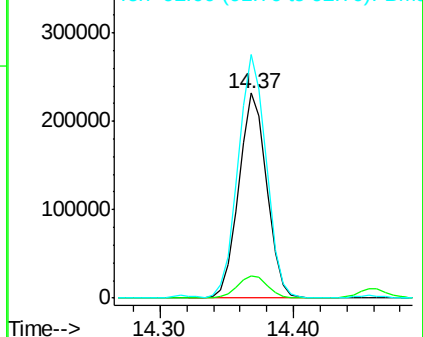
138 100

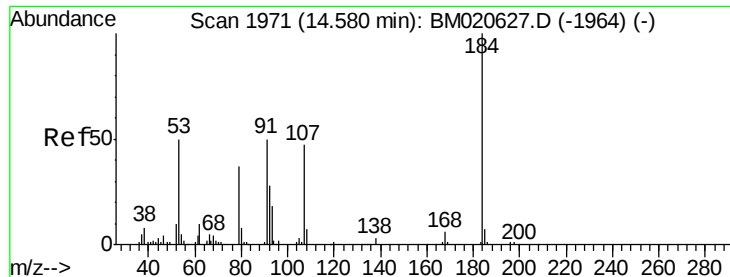
108 11.1 8.9 13.3

92 118.9 95.2 142.8



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





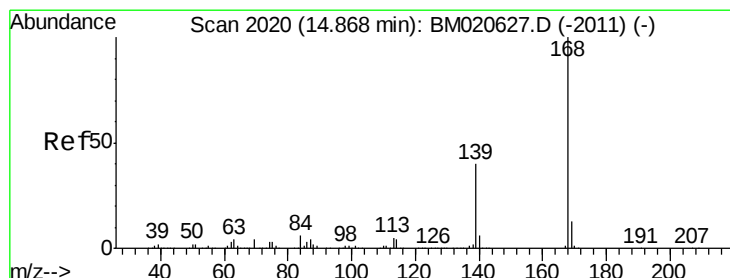
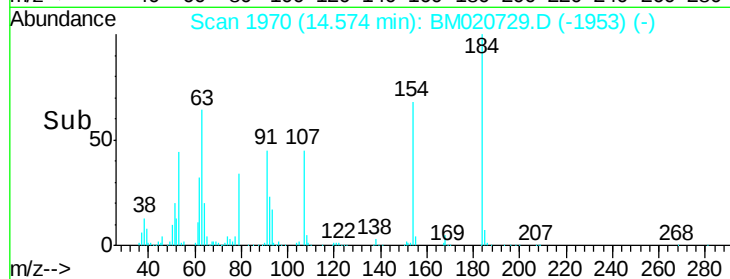
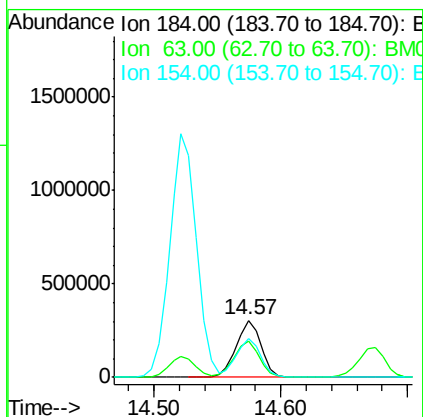
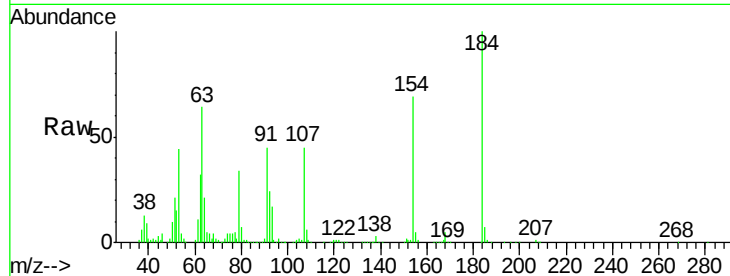
#54
2,4-Dinitrophenol
Concen: 74.931 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.0	49.8	74.8
154	68.5	55.4	83.2

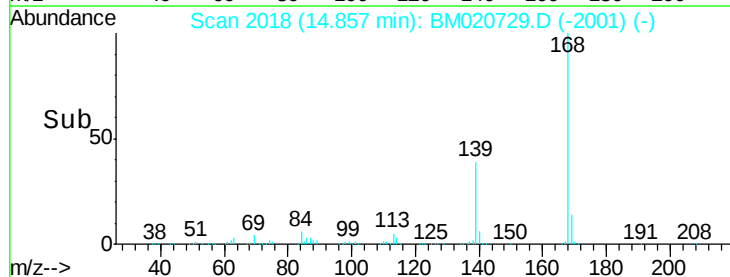
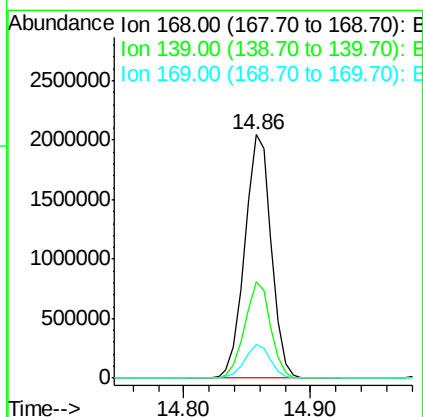
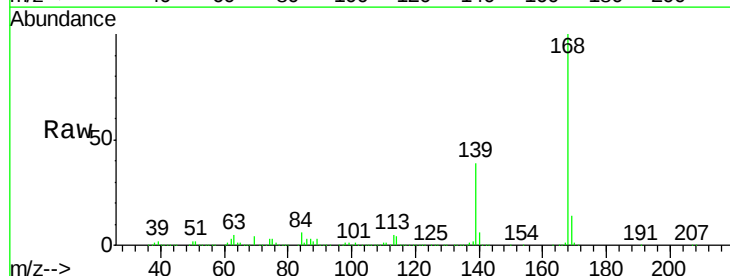
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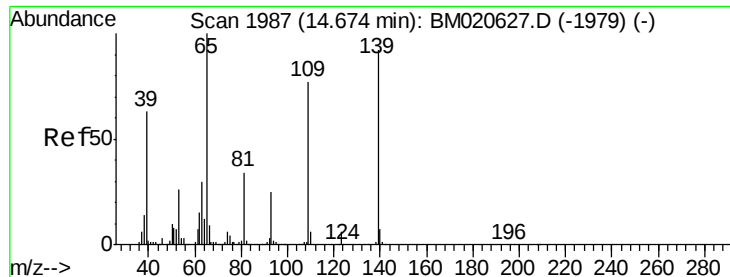
mohammad
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#55
Dibenzofuran
Concen: 40.932 ng
RT: 14.86 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	31.1	46.7
169	13.6	10.6	15.8





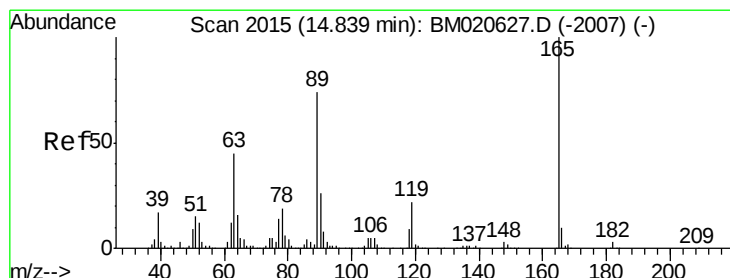
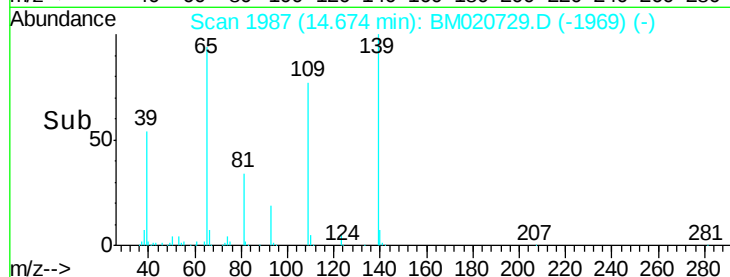
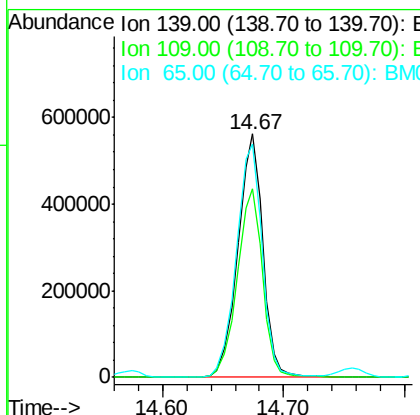
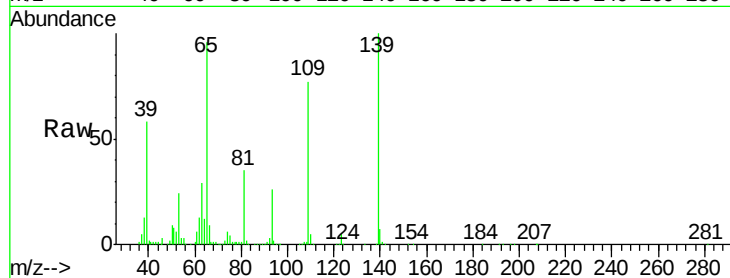
#56
4-Nitrophenol
Concen: 76.574 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	811262		
109	77.5	58.0	98.0	
65	96.1	78.3	118.3	

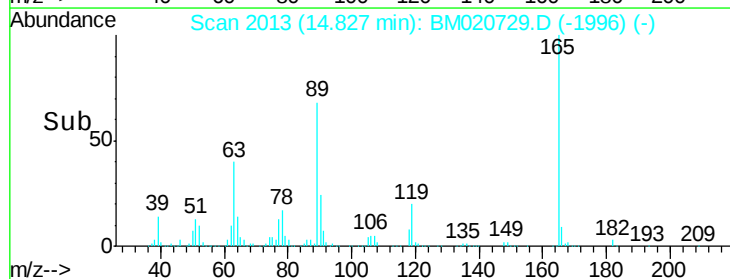
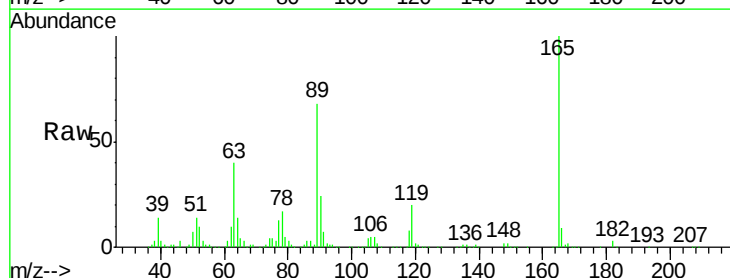
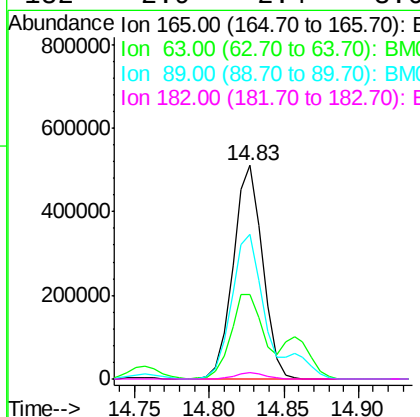
Manual Integrations
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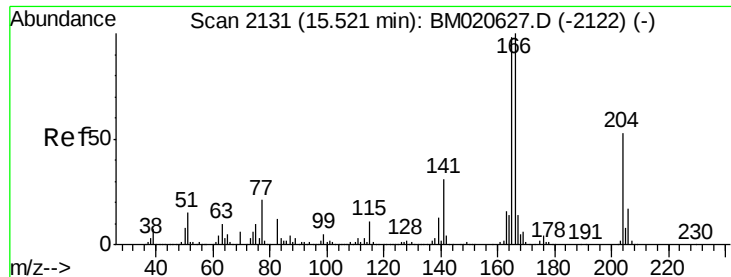
mohammad
6/6/2019 11:21:28 AM



#57
2,4-Dinitrotoluene
Concen: 40.686 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	701695		
63	39.9	32.8	49.2	
89	67.6	55.9	83.9	
182	2.9	2.4	3.6	





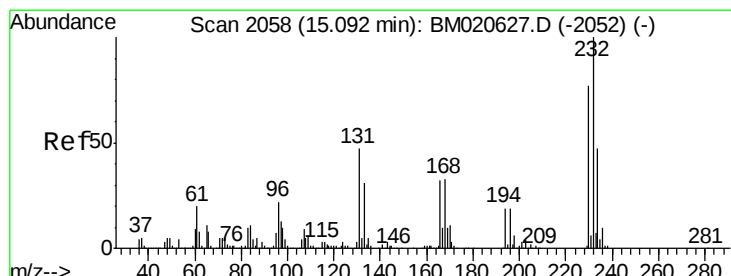
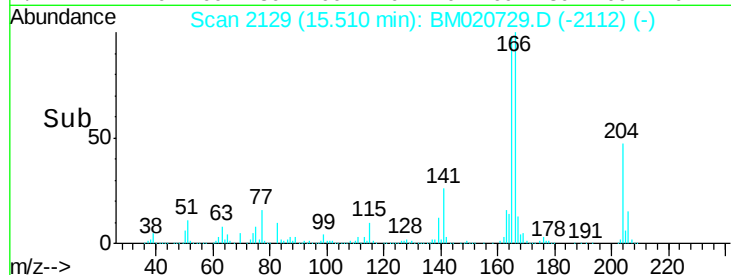
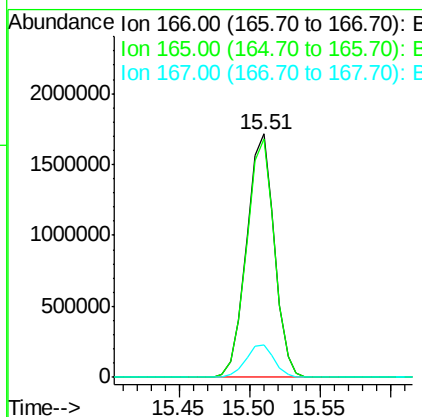
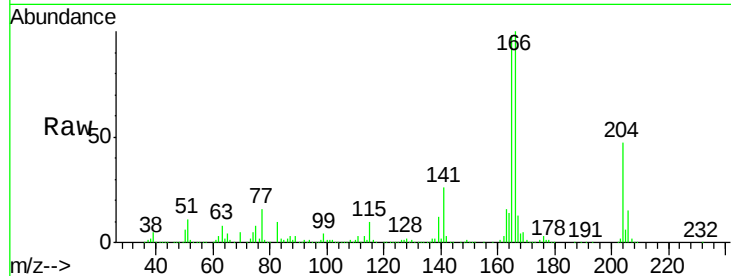
#58
 Fluorene
 Concen: 39.670 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.4	119.2
167	13.3	10.8	16.2

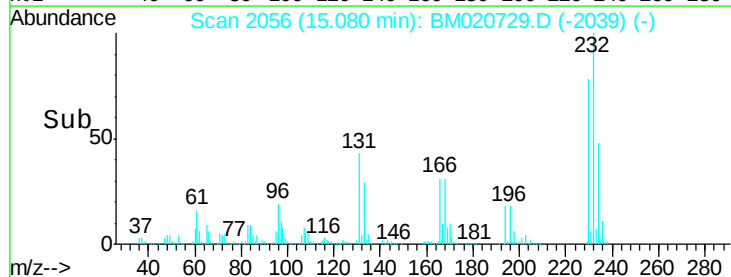
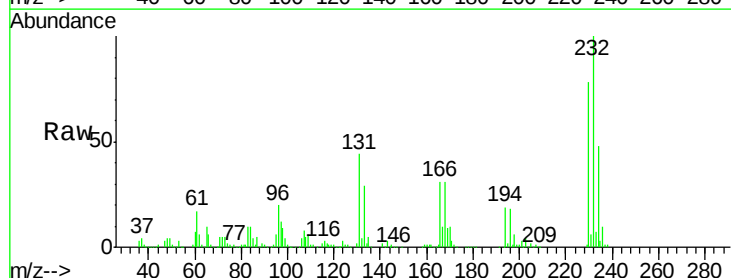
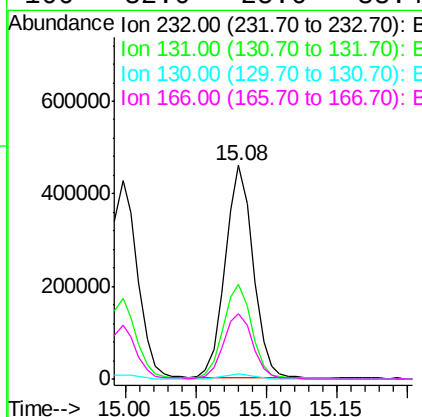
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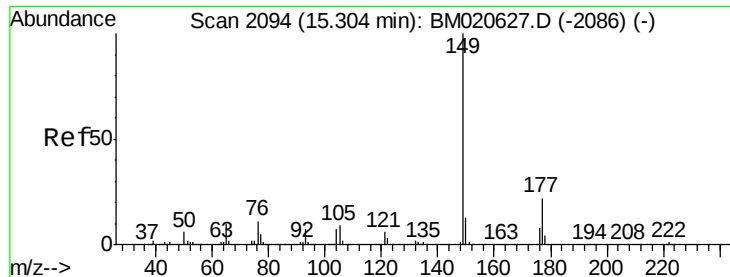
mohammad
 6/6/2019 11:21:28 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.857 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.7	36.9	55.3
130	2.4	2.0	3.0
166	32.0	25.6	38.4





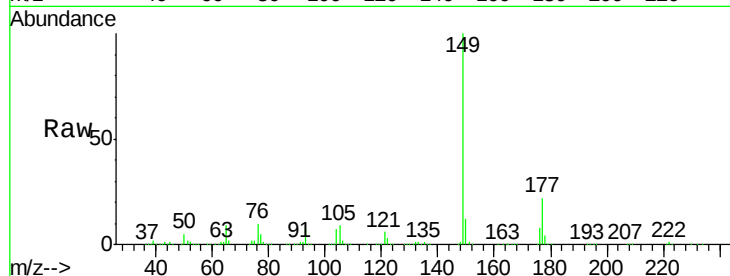
#60
Diethylphthalate
Concen: 37.999 ng
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleID :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.4	10.0	15.0

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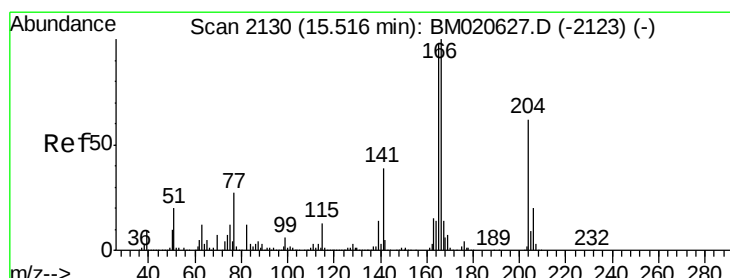
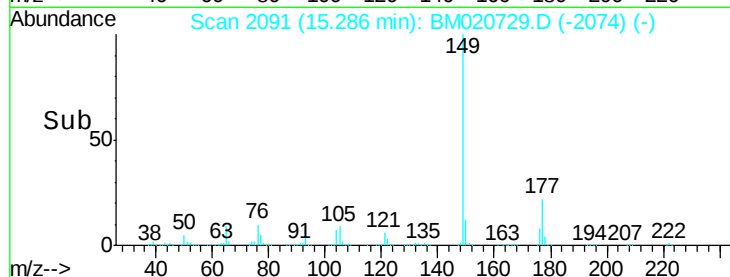
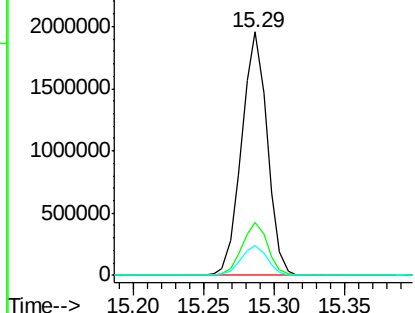


Abundance

Ion 149.00 (148.70 to 149.70): E

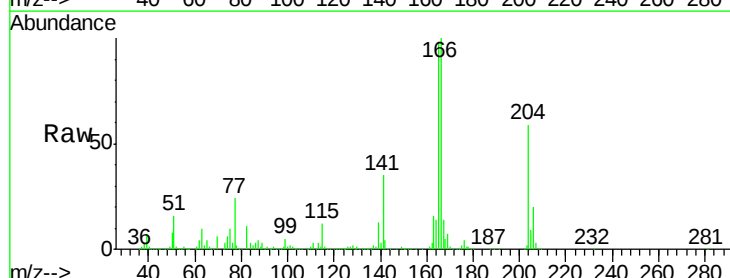
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 40.044 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.1	39.1
141	58.4	46.7	70.1

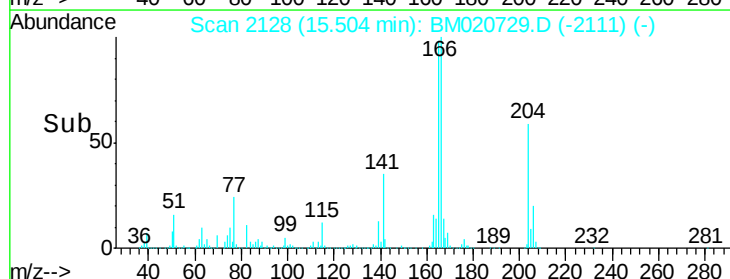
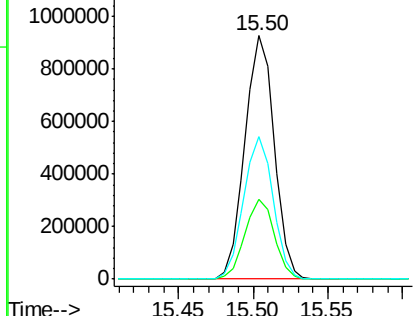


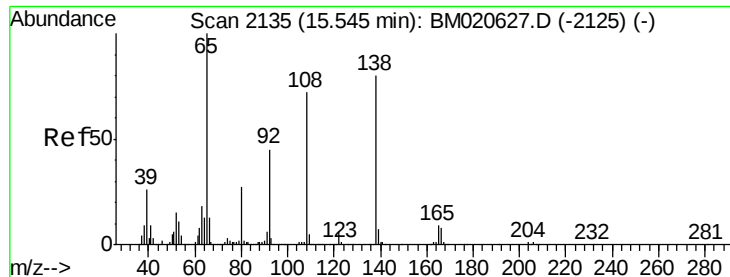
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





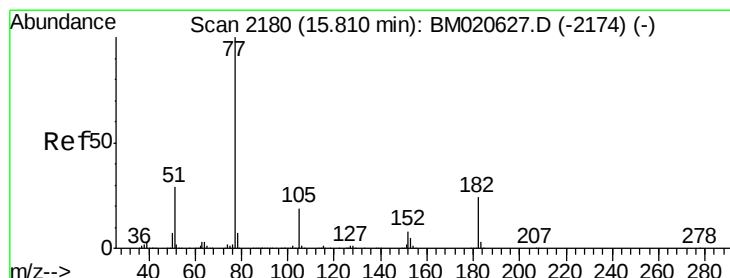
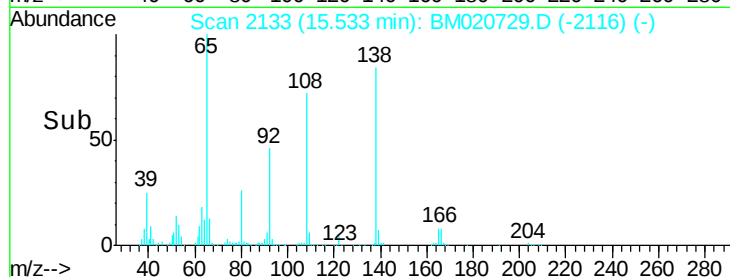
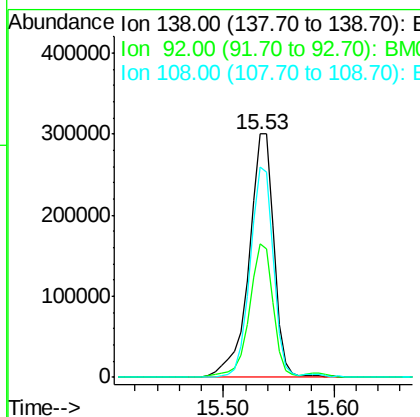
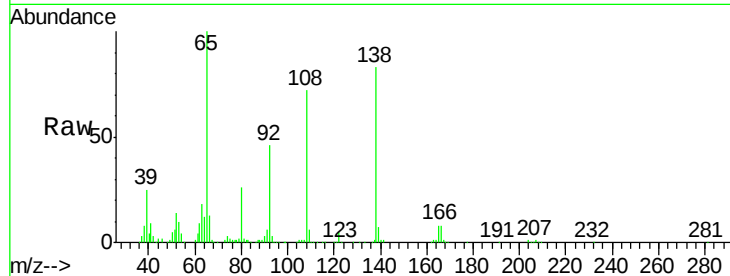
#62
4-Nitroaniline
Concen: 31.444 ng
RT: 15.53 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	33.2	73.2
108	86.5	64.1	104.1

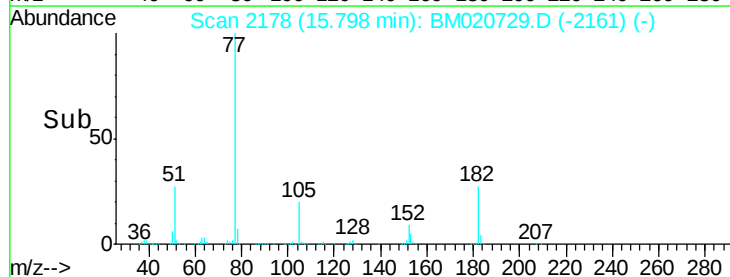
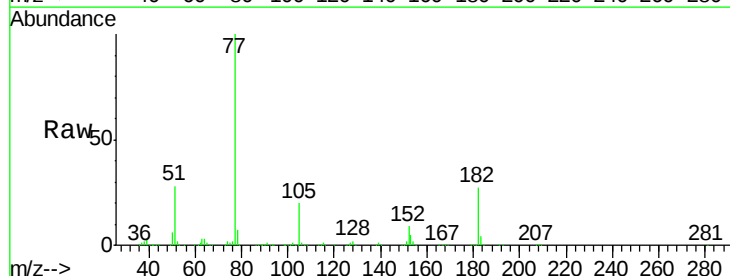
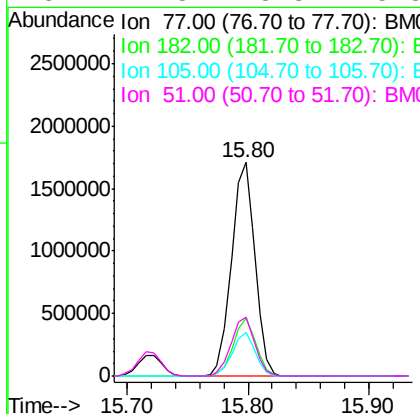
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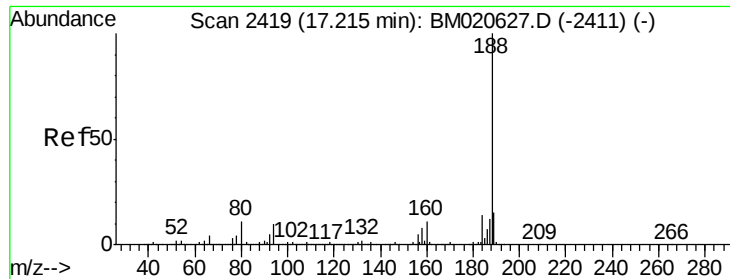
mohammad
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#63
Azobenzene
Concen: 36.727 ng
RT: 15.80 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.3	46.3
105	20.3	0.4	40.4
51	27.8	8.3	48.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:188 Resp: 1435283

Ion Ratio Lower Upper

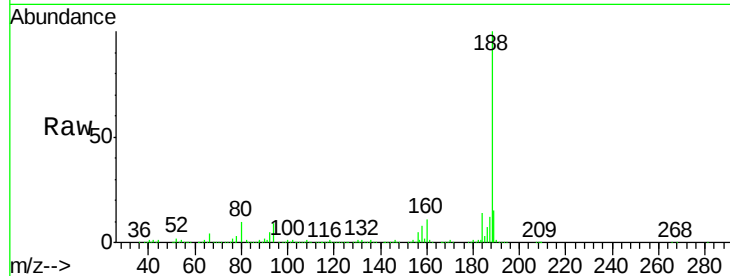
188 100

94 8.6 7.0 10.4

80 10.2 7.8 11.8

Manual Integrations
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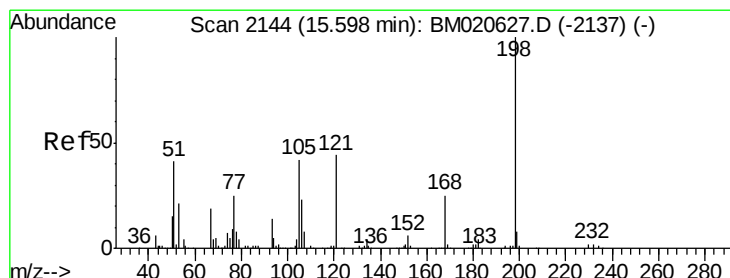
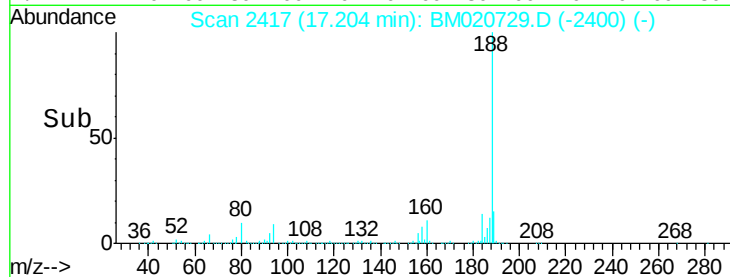
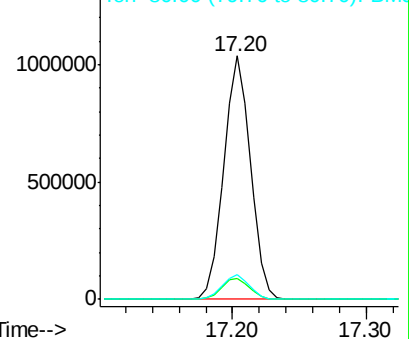
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 41.941 ng

RT: 15.59 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

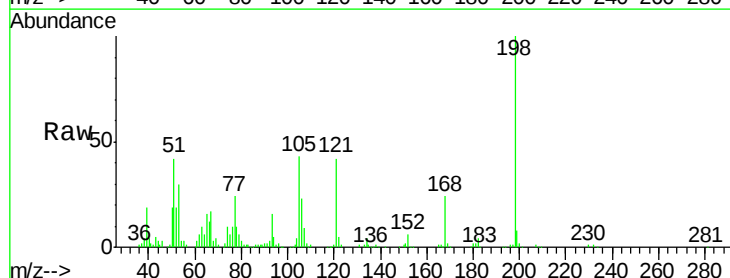
Tgt Ion:198 Resp: 265018

Ion Ratio Lower Upper

198 100

51 41.8 21.6 61.6

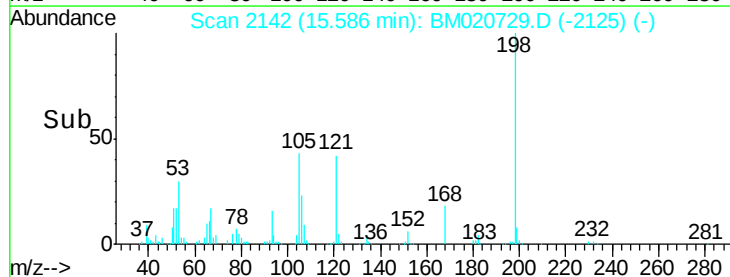
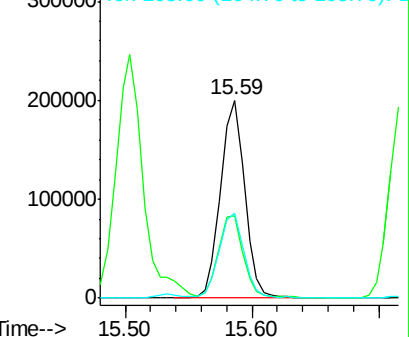
105 42.7 20.6 60.6

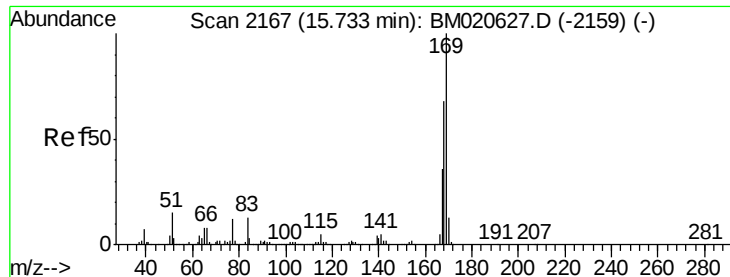


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





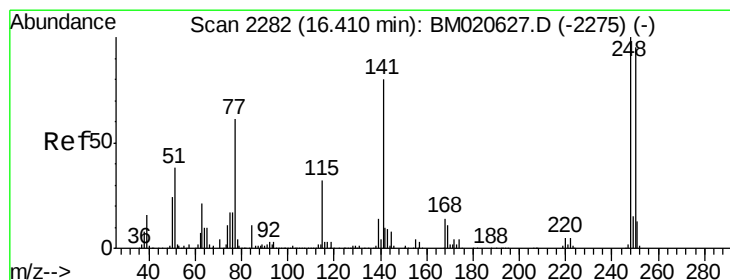
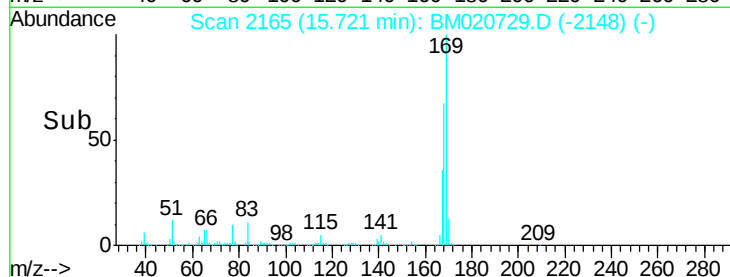
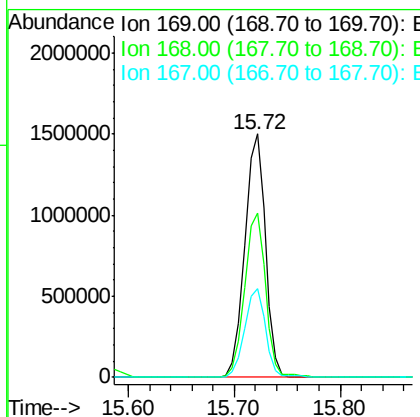
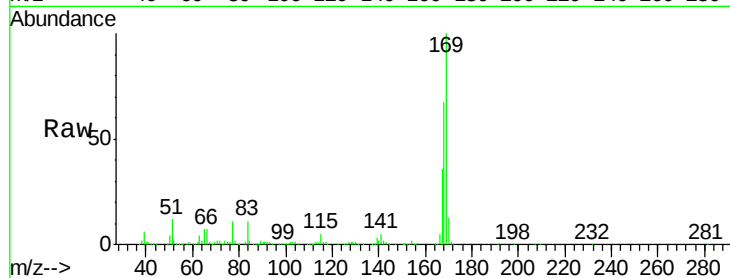
#66
 n-Nitrosodiphenylamine
 Concen: 44.120 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.7	82.1
167	36.3	29.3	43.9

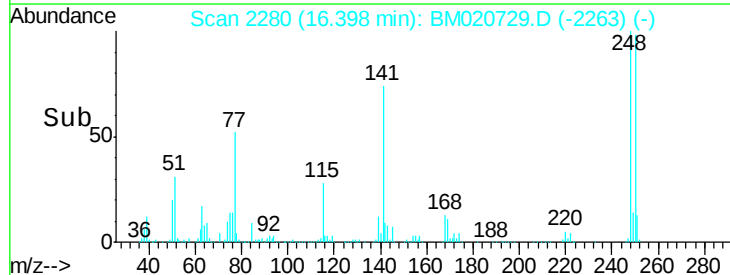
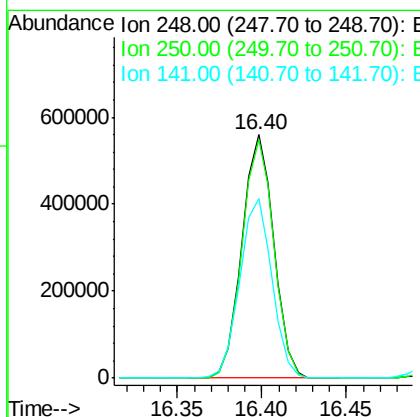
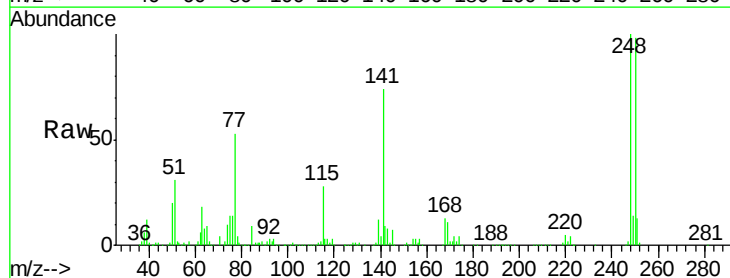
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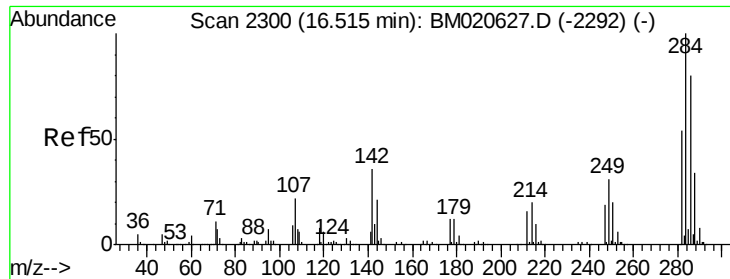
mohammad
 6/6/2019 11:21:28 AM



#67
 4-Bromophenyl-phenylether
 Concen: 43.551 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.2
141	73.8	58.2	87.2





#68

Hexachlorobenzene

Concen: 42.824 ng

RT: 16.50 min Scan# 2298

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

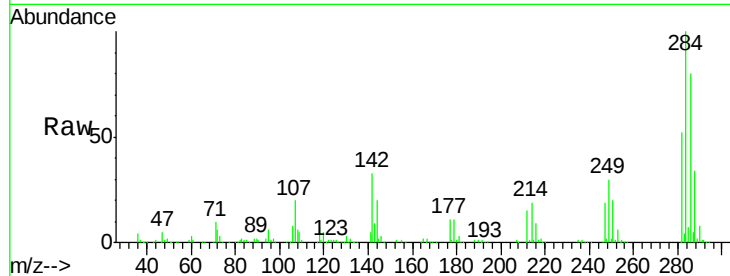
ClientSampleId :

PB120082BSD

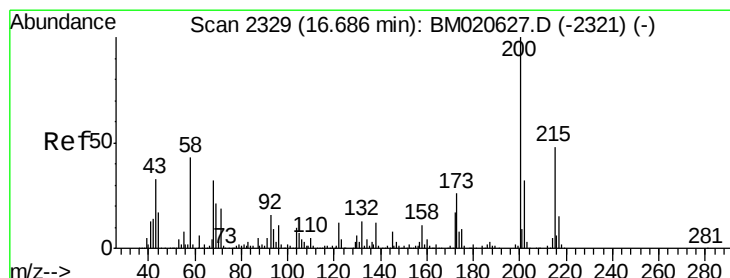
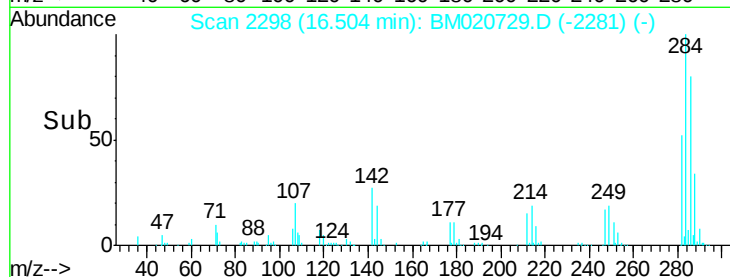
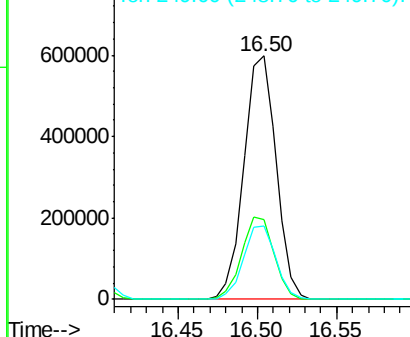
Tot Ion:	284	Resp:	845044
Ion Ratio		Lower	Upper
284	100		
142	32.7	25.4	38.0
249	29.9	24.9	37.3

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 43.878 ng

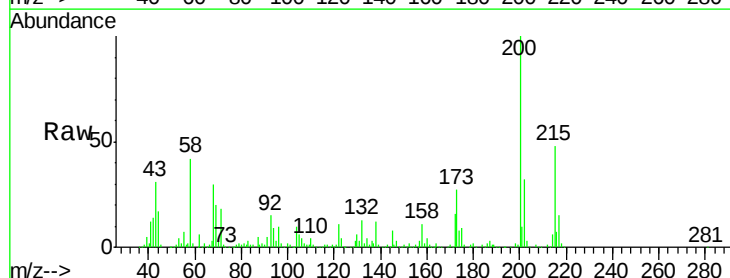
RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

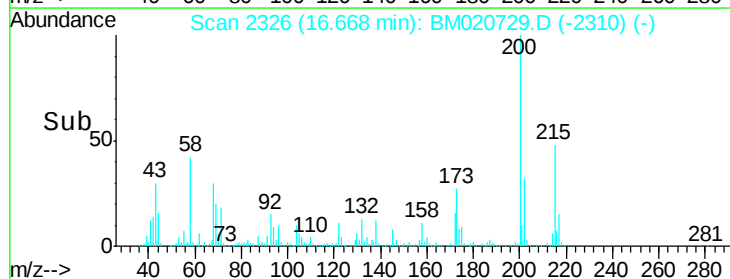
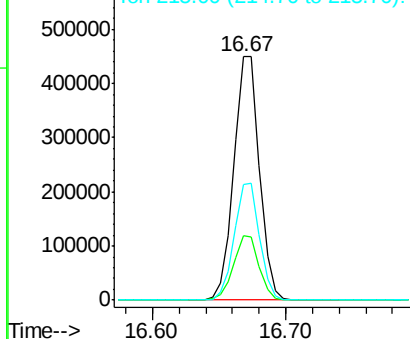
Lab File: BM020729.D

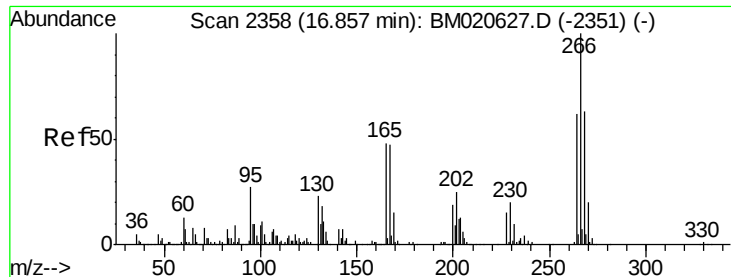
Acq: 05 Jun 2019 10:38

Tgt Ion:	200	Resp:	601704
Ion Ratio		Lower	Upper
200	100		
173	26.7	5.7	45.7
215	47.6	28.2	68.2



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





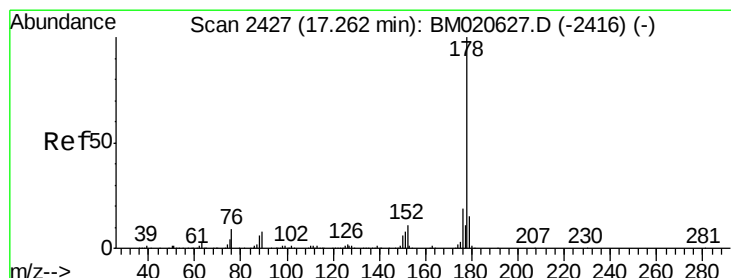
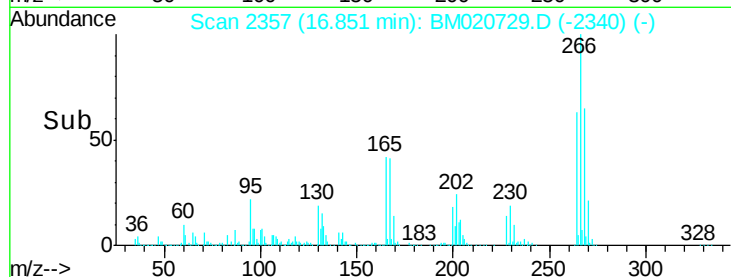
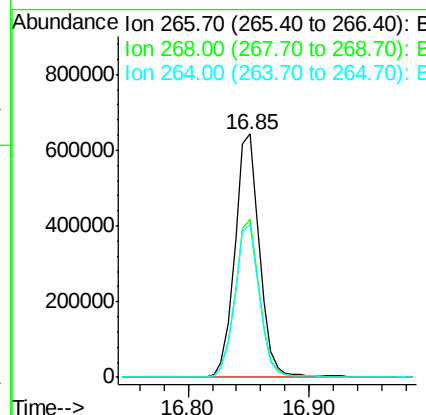
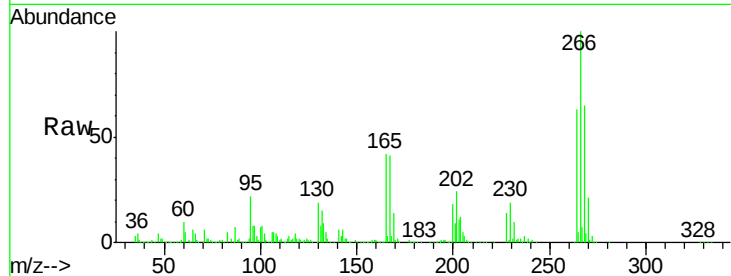
#70
 Pentachlorophenol
 Concen: 97.330 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.4
264	62.7	49.9	74.9

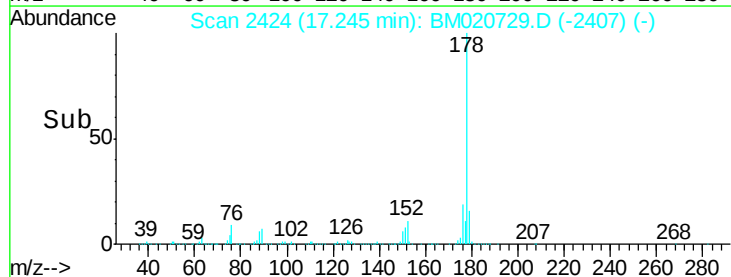
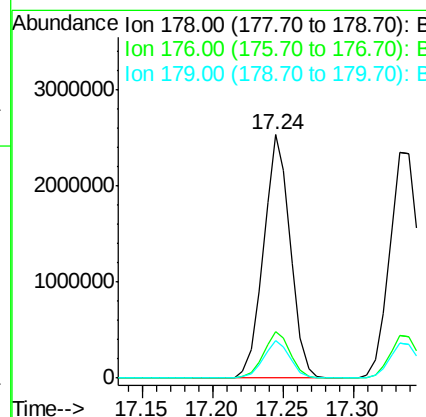
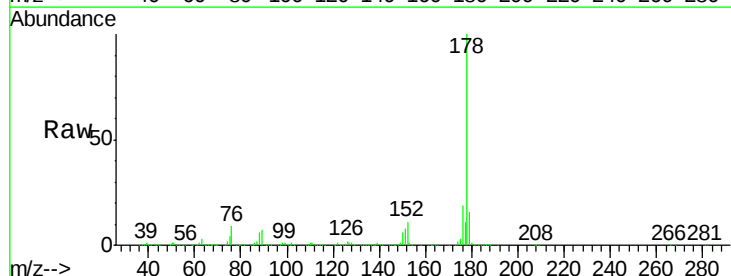
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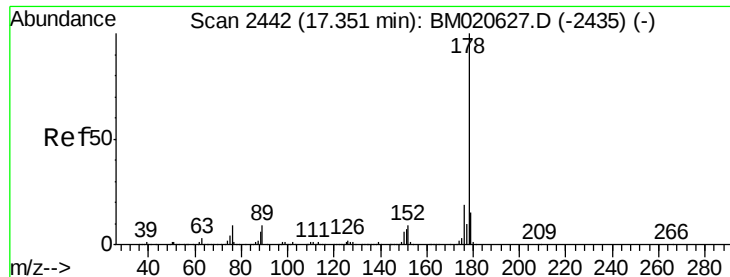
mohammad
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#71
 Phenanthrene
 Concen: 41.210 ng
 RT: 17.24 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.7	12.3	18.5





#72

Anthracene

Concen: 41.689 ng

RT: 17.33 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:178 Resp: 3394606

Ion Ratio Lower Upper

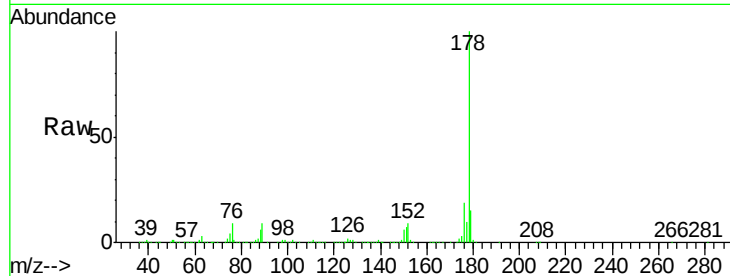
178 100

176 18.8 14.8 22.2

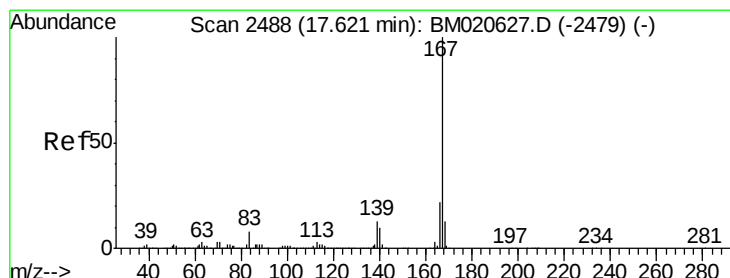
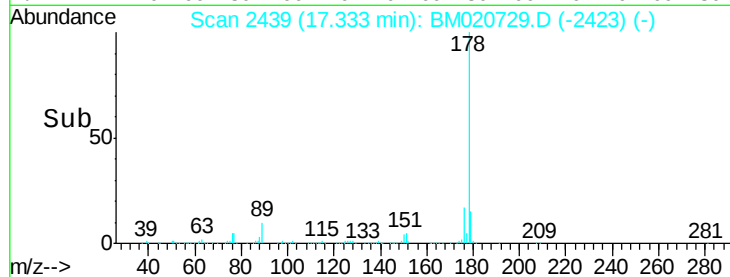
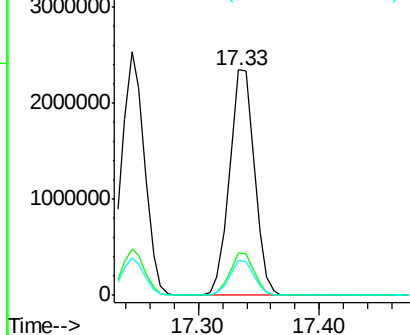
179 15.5 11.9 17.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 38.691 ng

RT: 17.61 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

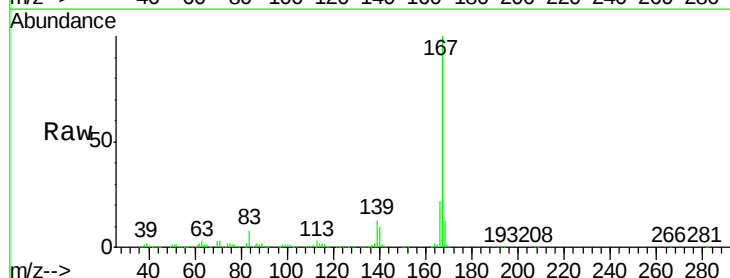
Tgt Ion:167 Resp: 2859009

Ion Ratio Lower Upper

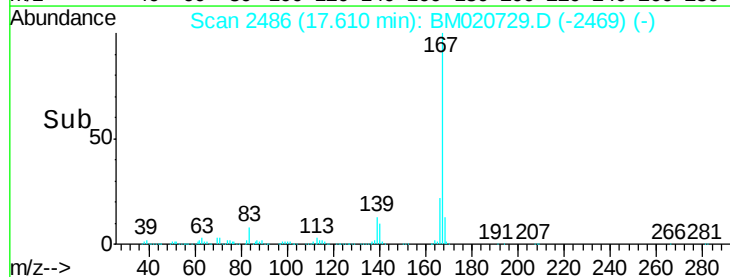
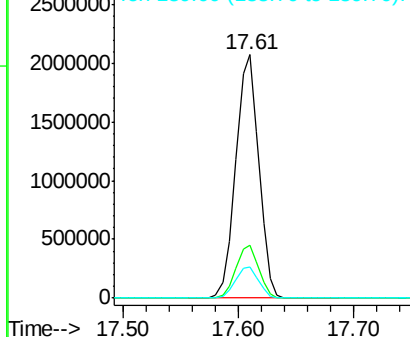
167 100

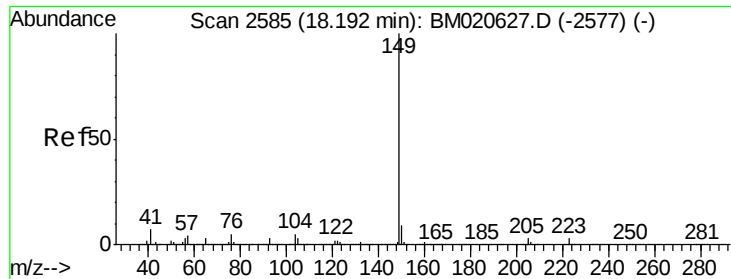
166 21.9 17.2 25.8

139 12.7 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





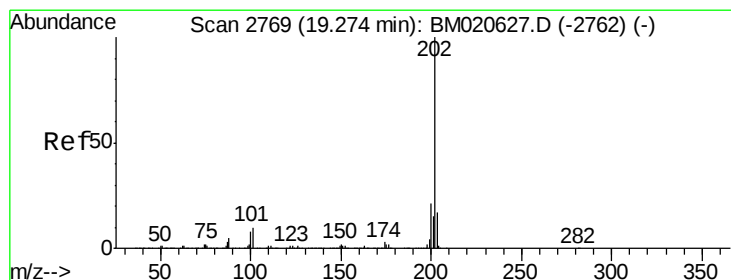
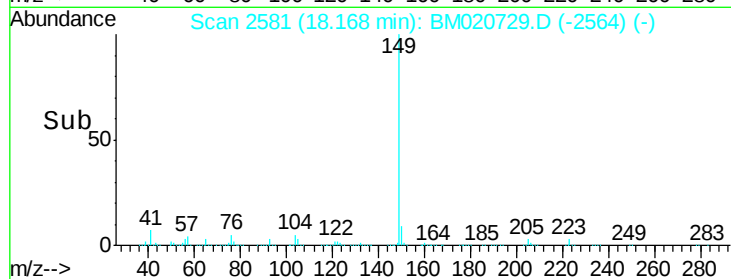
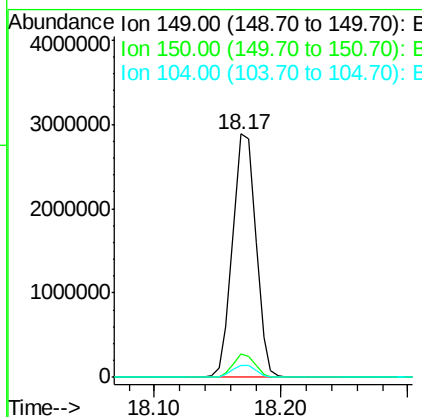
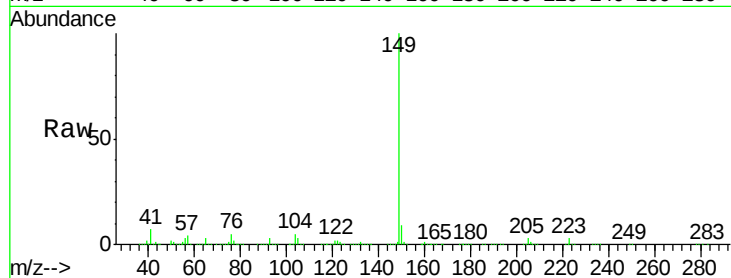
#74
Di-n-butylphthalate
Concen: 38.104 ng
RT: 18.17 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.2	4.1	6.1

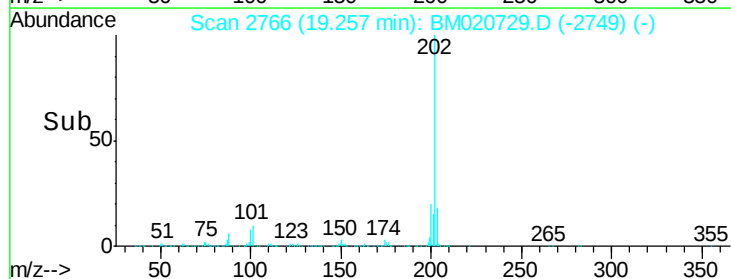
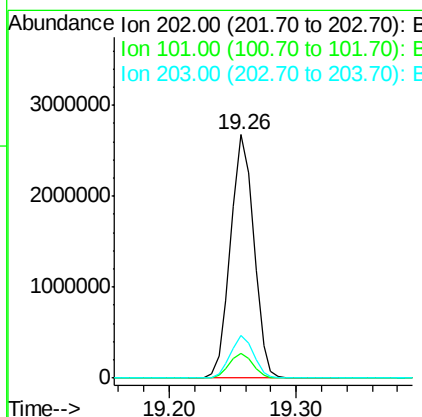
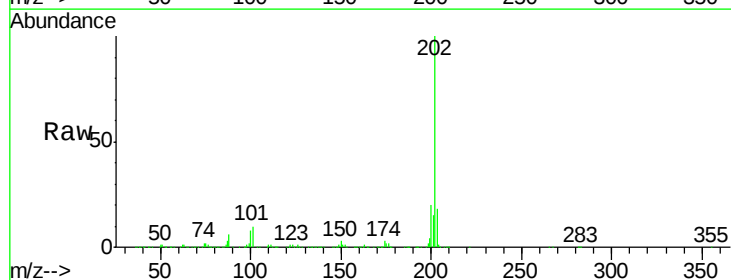
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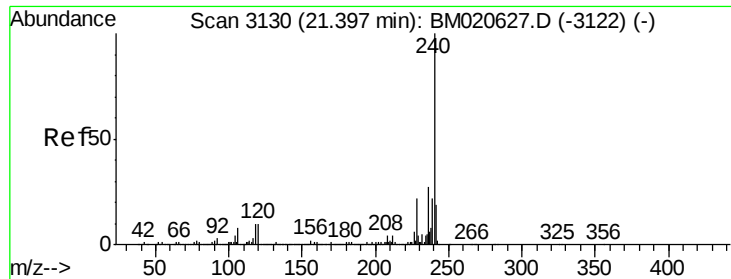
mohammad
6/6/2019 11:21:28 AM



#75
Fluoranthene
Concen: 37.519 ng
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.5
203	17.6	0.0	37.5





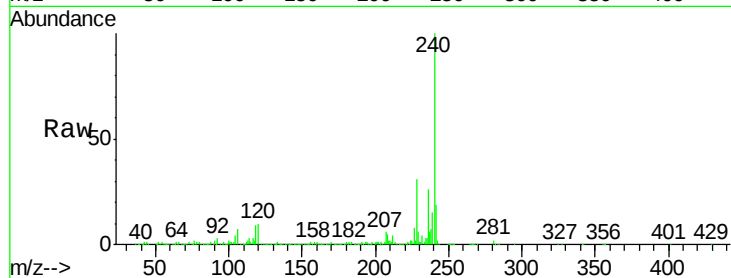
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleID :
PB120082BSD

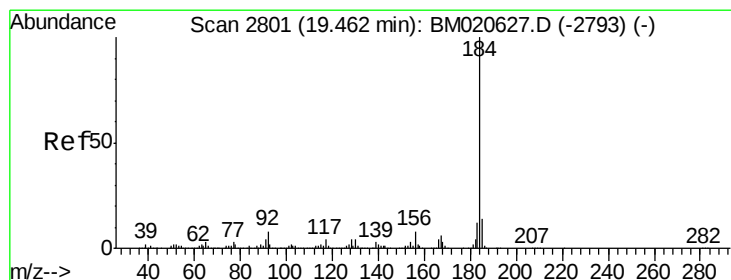
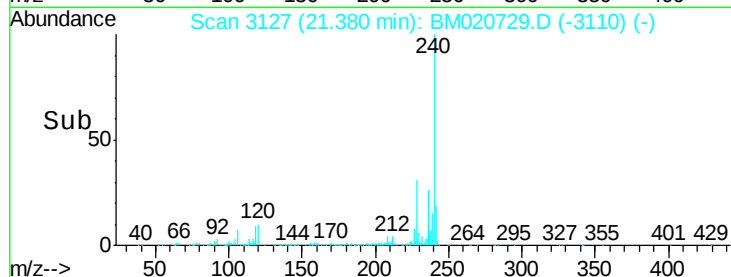
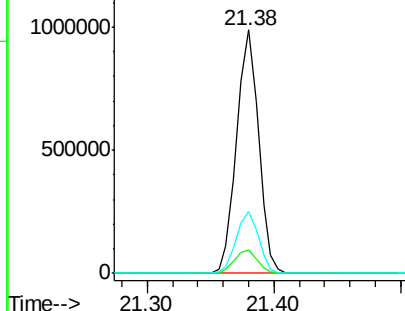
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.7	21.1	31.7

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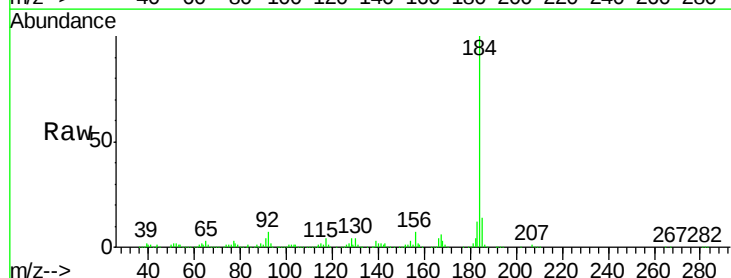


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

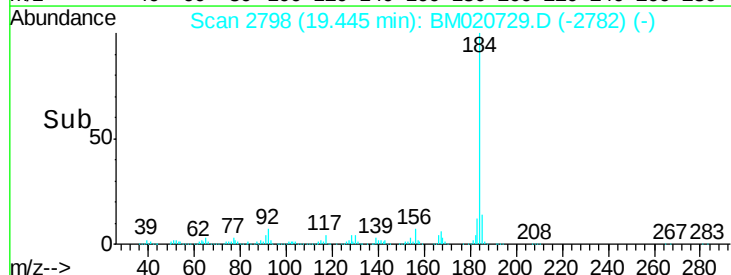
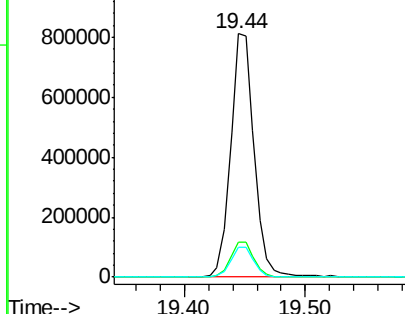


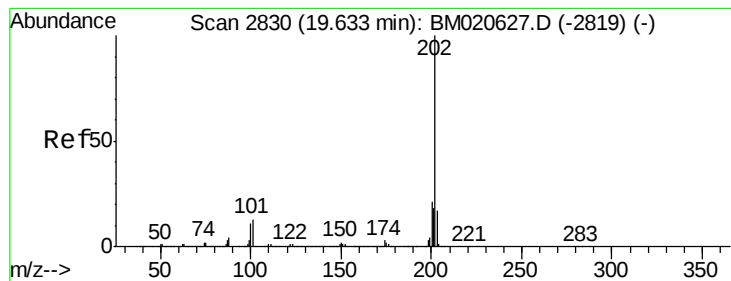
#77
Benzidine
Concen: 30.654 ng
RT: 19.44 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	12.0	9.8	14.8



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

Pvrene

Concen: 37.343 ng

RT: 19.62 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:202 Resp: 3401572

Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

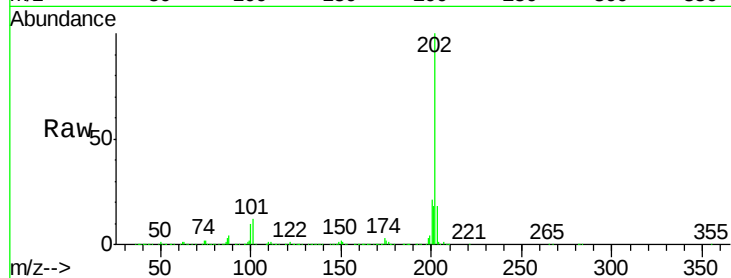
203 17.5 14.1 21.1

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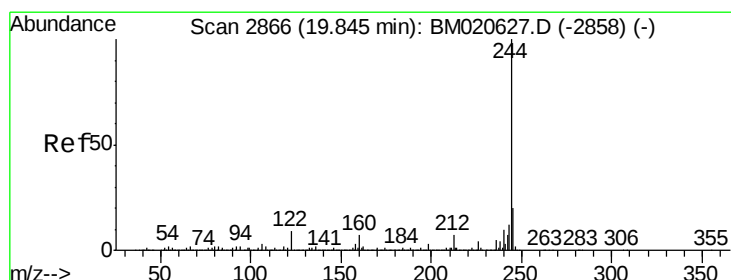
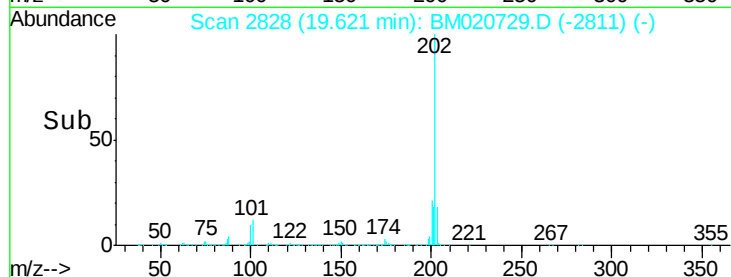
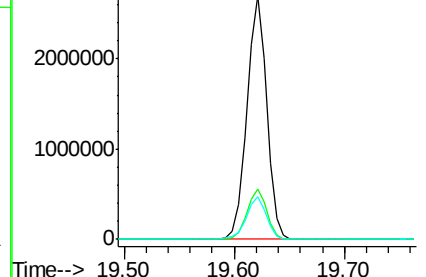
6/6/2019 11:21:28 AM



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: 68.870 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

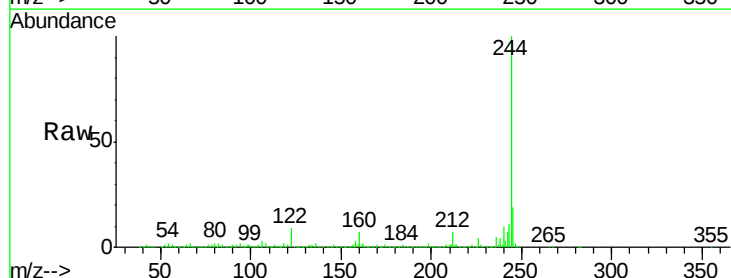
Tgt Ion:244 Resp: 4887492

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

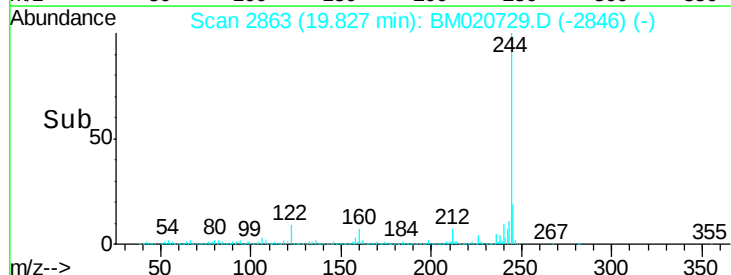
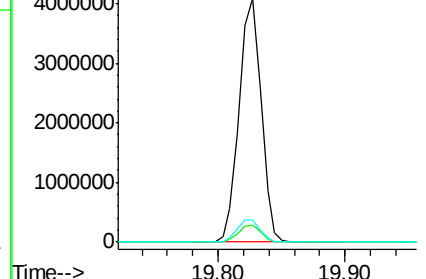
122 9.1 7.4 11.0

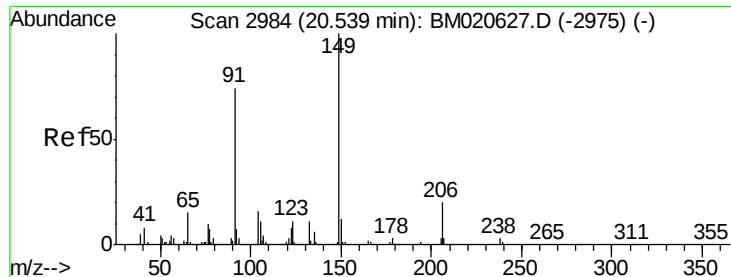


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





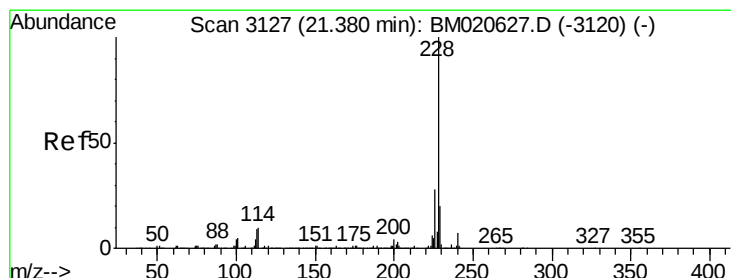
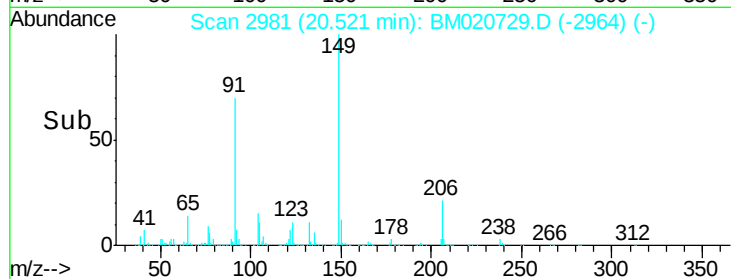
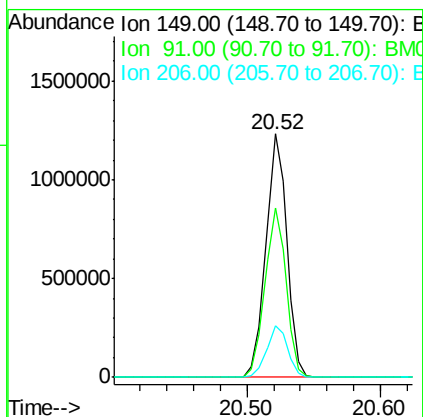
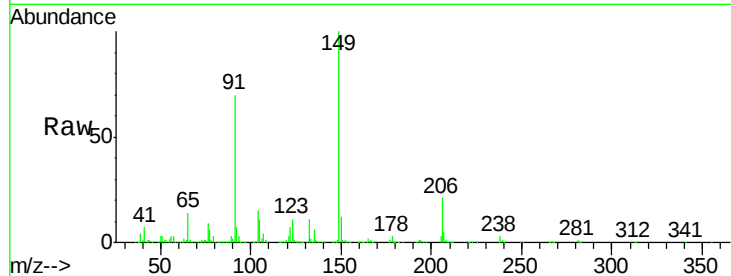
#80
Butylbenzylphthalate
Concen: 35.014 ng
RT: 20.52 min Scan# 2981
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.1	85.7
206	21.0	16.3	24.5

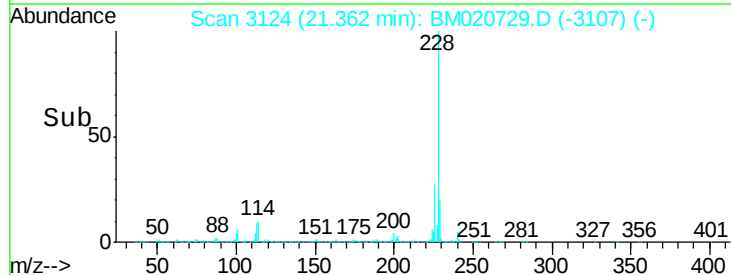
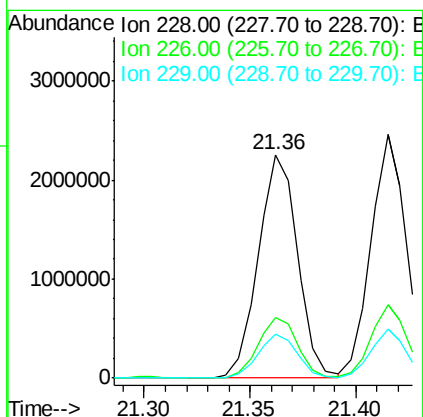
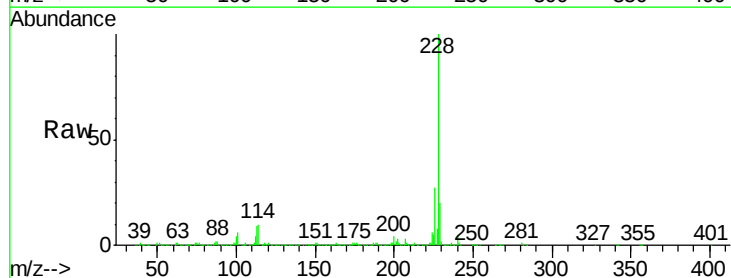
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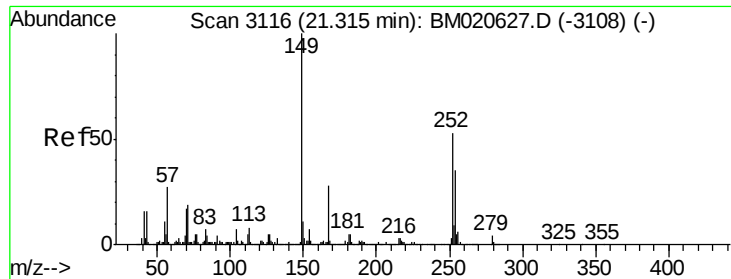
mohammad
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#81
Benzo(a)anthracene
Concen: 35.307 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.5	15.9	23.9





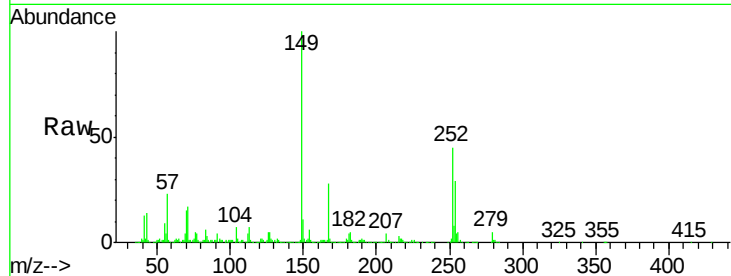
#82
 3,3'-Dichlorobenzidine
 Concen: 29.644 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	10.5	7.8	11.8

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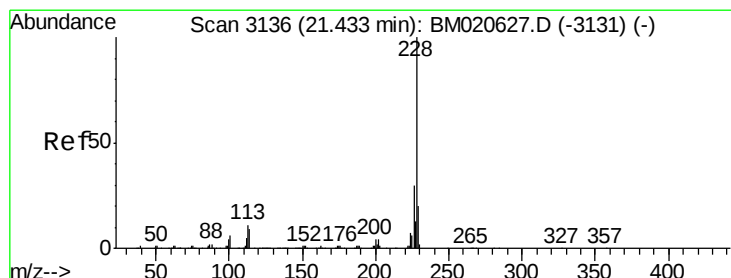
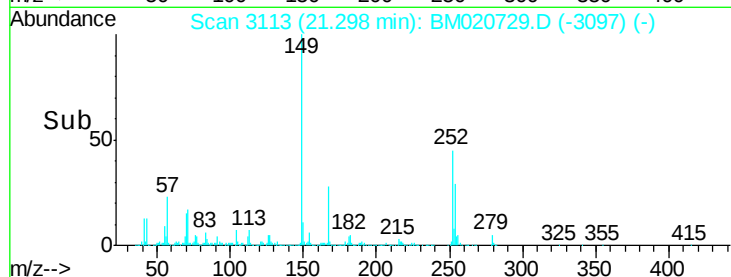
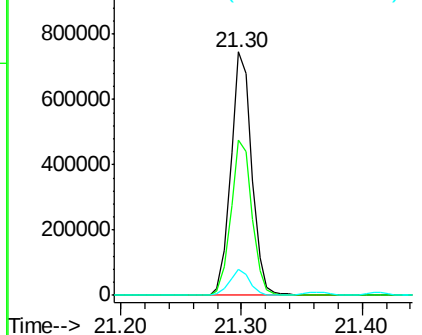


Abundance

Ion 252.00 (251.70 to 252.70): E

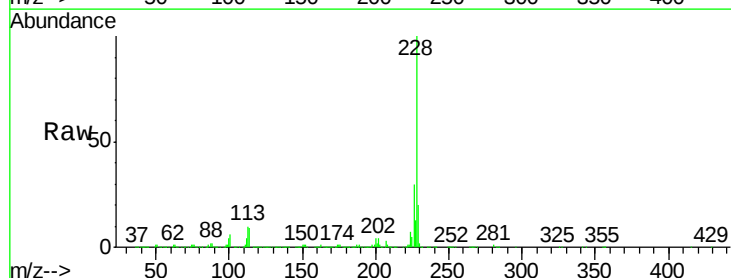
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 36.509 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BM020729.D
 Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.9	15.9	23.9

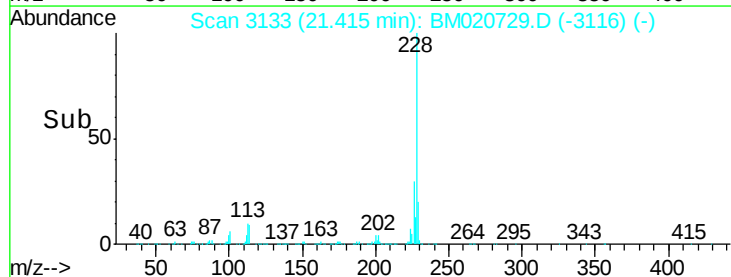
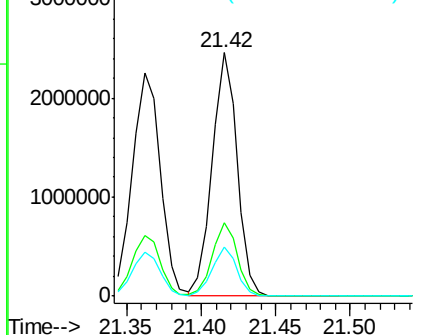


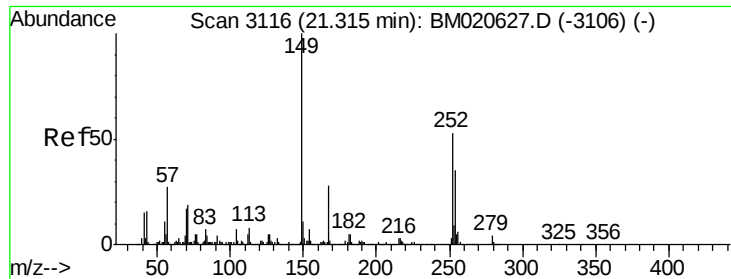
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.725 ng

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tot Ion:149 Resp: 1886833

Ion Ratio Lower Upper

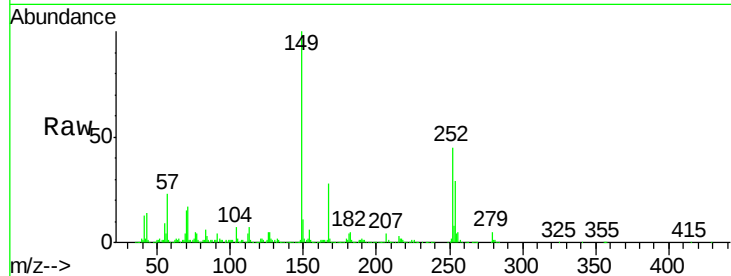
149 100

167 28.2 22.2 33.2

279 5.1 4.0 6.0

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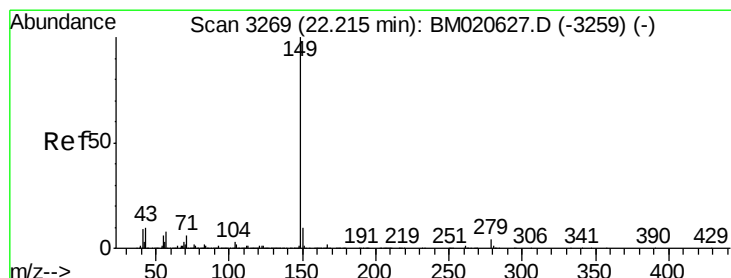
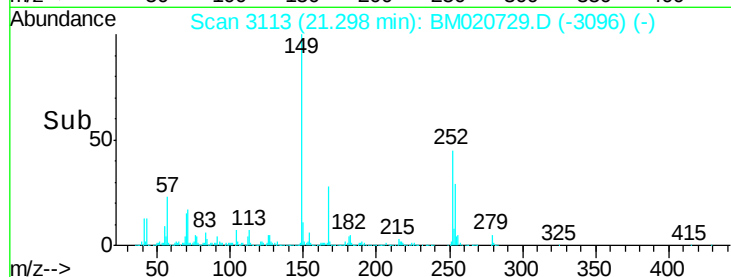
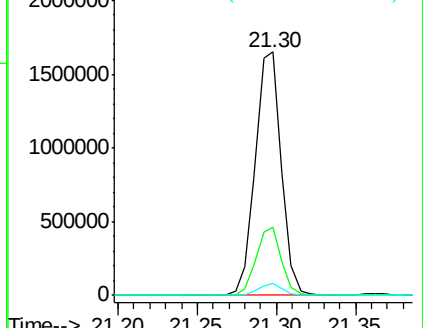
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 33.052 ng

RT: 22.19 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

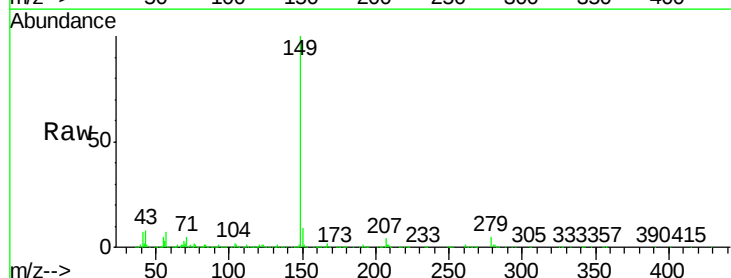
Tgt Ion:149 Resp: 2935854

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

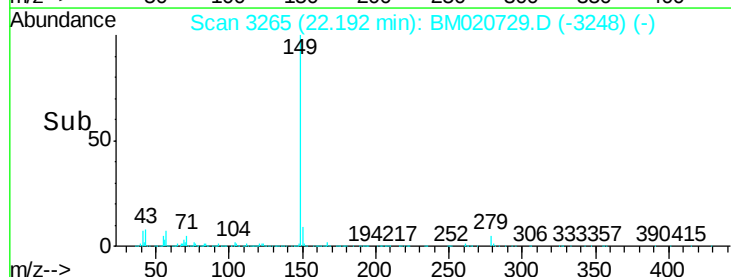
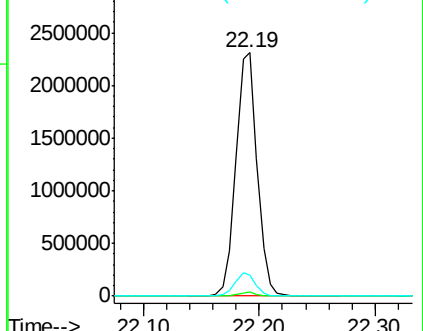
43 9.1 7.4 11.2

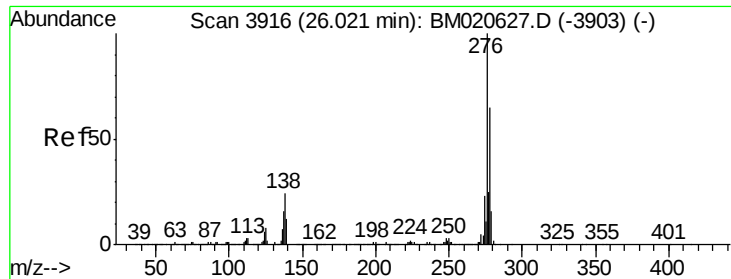


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





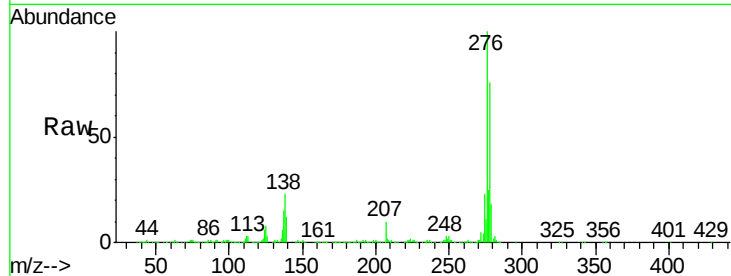
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.999 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.8	28.2
277	25.3	20.5	30.7

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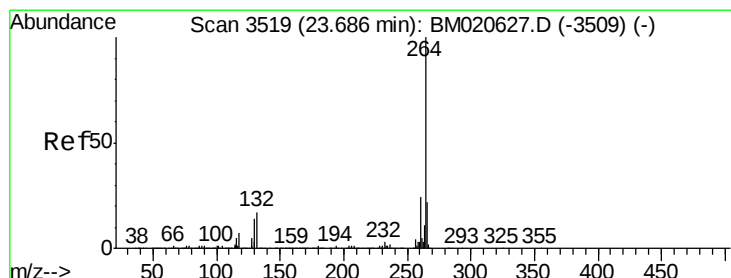
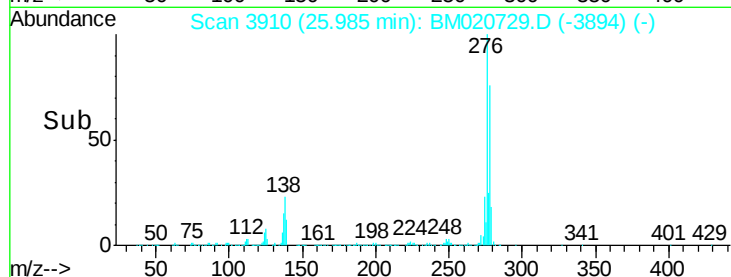
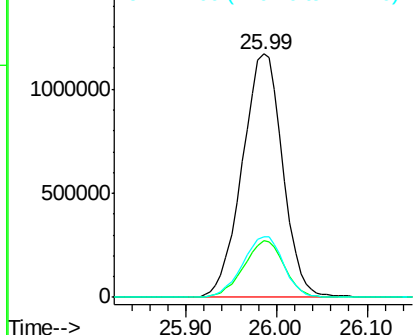


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

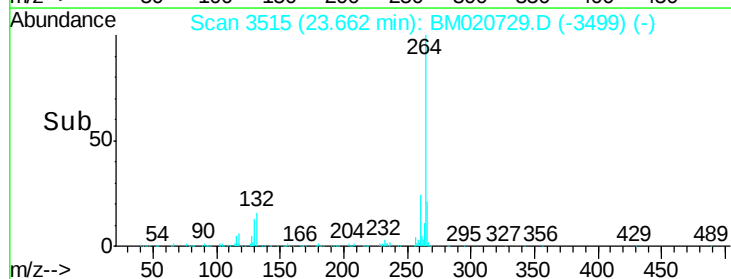
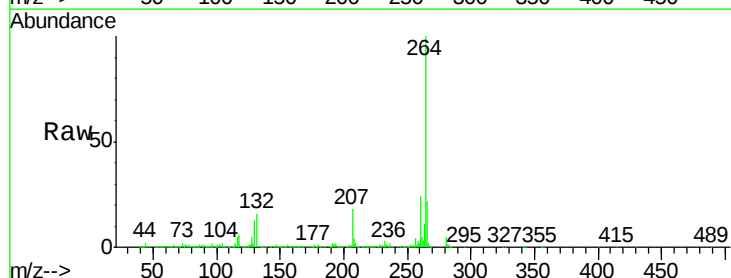
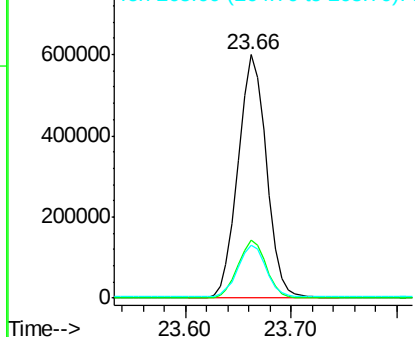
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.7	17.4	26.0

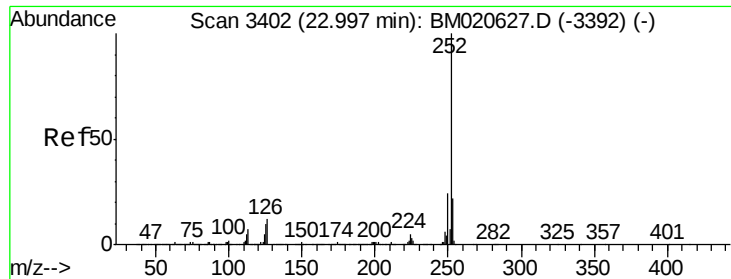
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





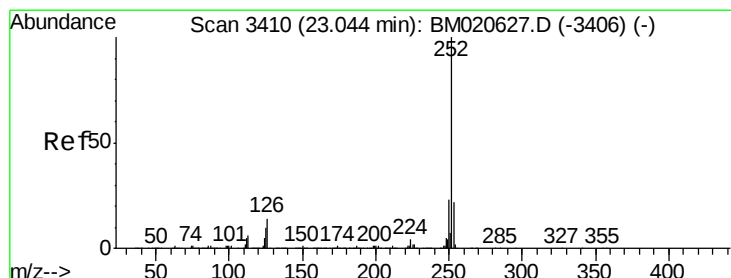
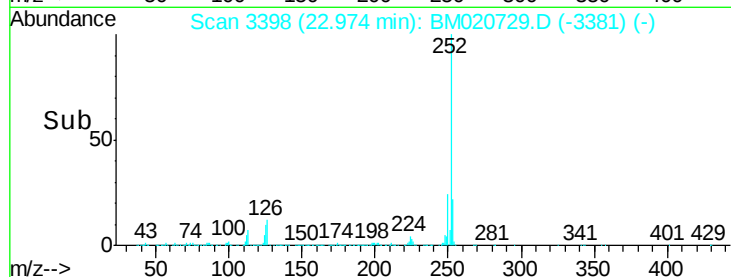
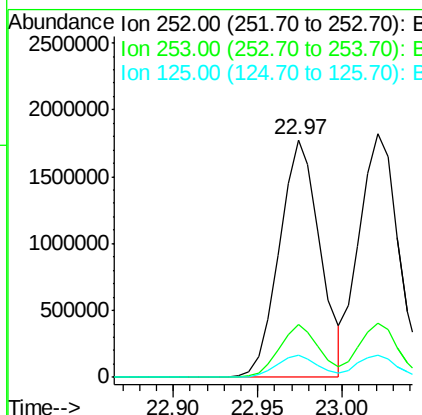
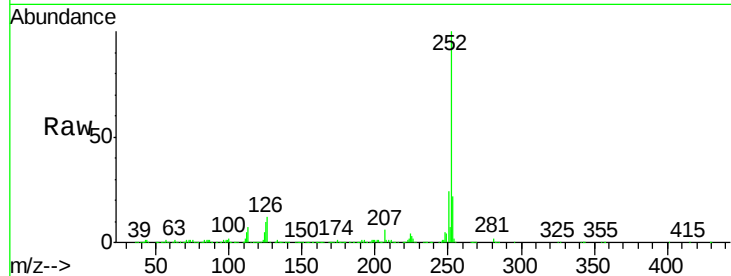
#88
Benzo(b)fluoranthene
Concen: 40.163 ng
RT: 22.97 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.6	7.6	11.4

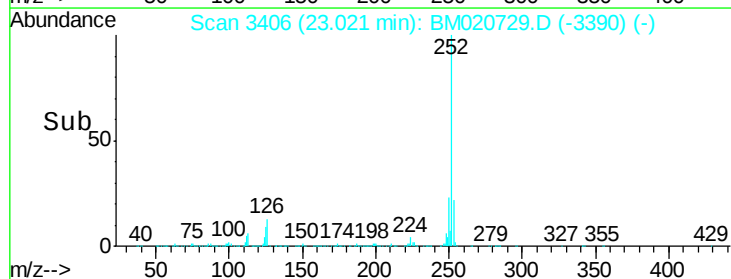
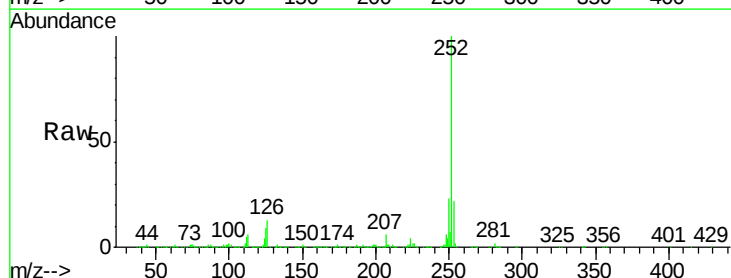
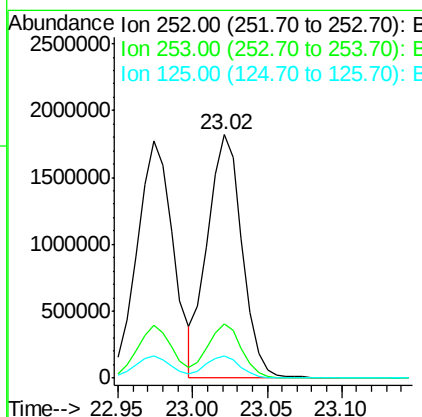
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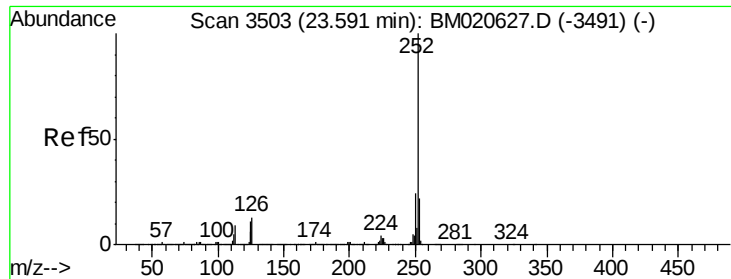
mohammad
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#89
Benzo(k)fluoranthene
Concen: 40.547 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.1	7.2	10.8





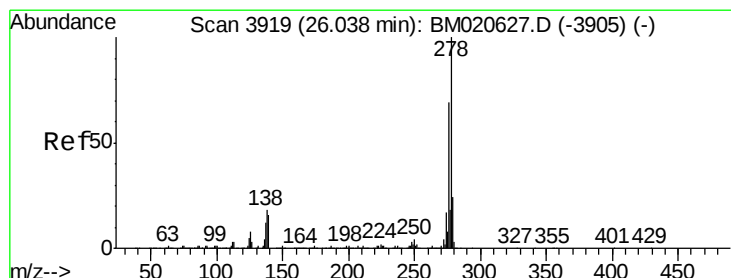
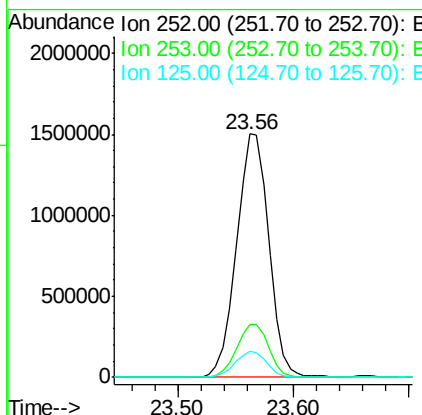
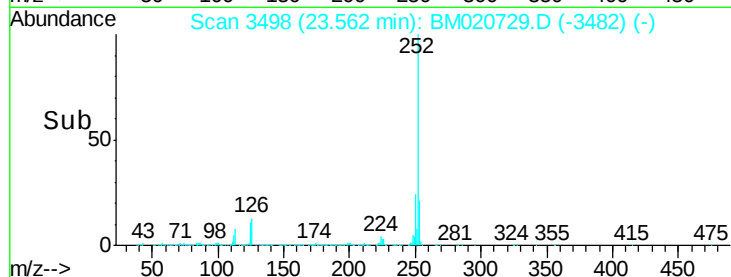
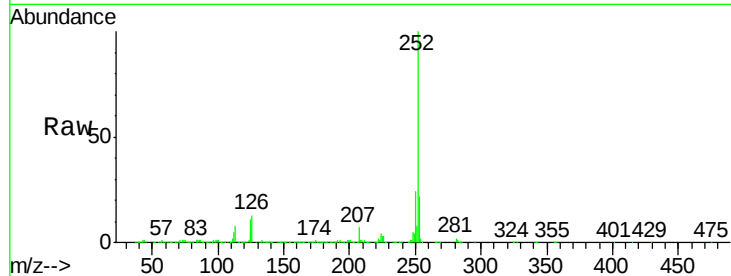
#90
Benzo(a)pyrene
Concen: 43.289 ng
RT: 23.56 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	10.7	8.2	12.2

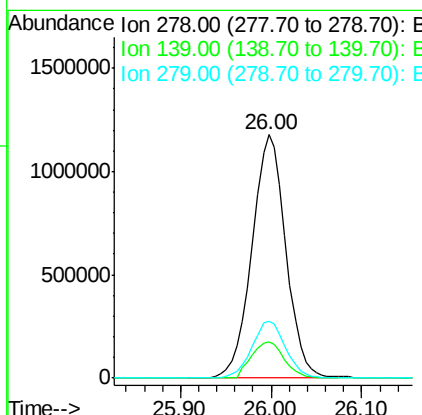
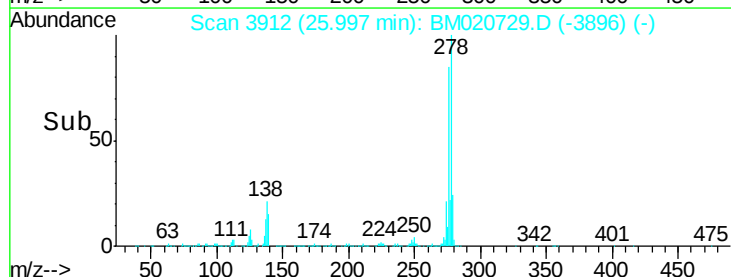
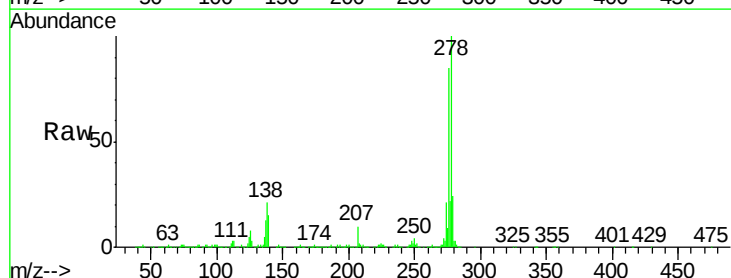
Manual Integrations
APPROVED

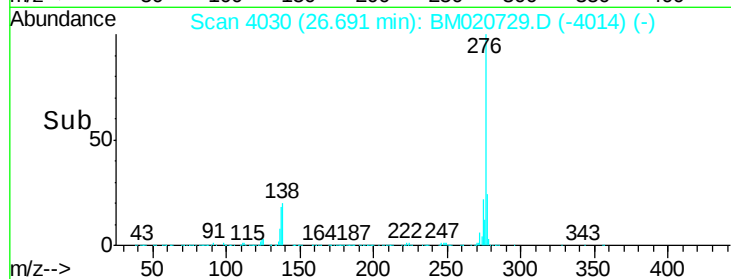
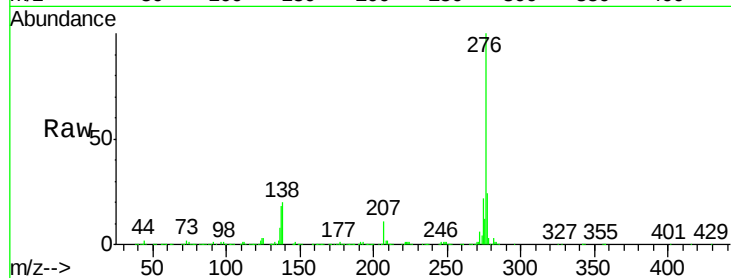
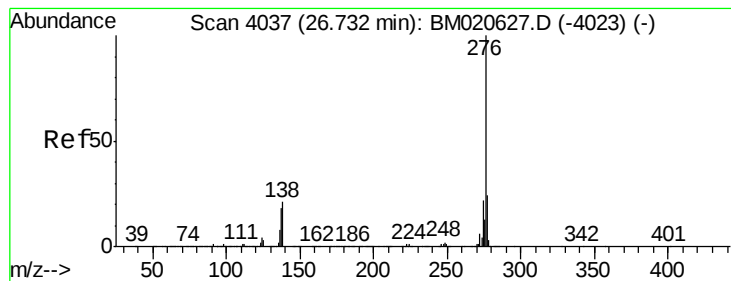
mohammad
6/6/2019 11:21:28 AM



#91
Dibenzo(a,h)anthracene
Concen: 46.855 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM020729.D
Acq: 05 Jun 2019 10:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.8	17.6
279	23.5	18.3	27.5





#92

Benzo(a,h,i)perylene

Concen: 48.844 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020729.D

Acq: 05 Jun 2019 10:38

Tot Ion:	276	Resp:	2956940
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	19.9	16.2	24.4

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Manual Integrations
APPROVED

mohammad
6/6/2019 11:21:28 AM

