

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020708.D
 Acq On : 04 Jun 2019 18:12
 Operator : HP/JU
 Sample : PB120211BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Manual Integrations
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 6/5/2019 3:41:30 PM

Quant Time: Jun 05 03:49:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	362984	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1489046	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	801159	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1507995	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1065969	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1152467	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2965835	143.73	ng	0.00
7) Phenol-d6	7.00	99	3930513	129.36	ng	0.00
23) Nitrobenzene-d5	8.99	82	2368221	82.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1360208	137.03	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	5363545	89.00	ng	0.00
79) Terphenyl-d14	19.83	244	5615857	88.12	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	333513	39.476 ng	97
3) Pyridine	3.74	79	954440	35.508 ng	98
4) n-Nitrosodimethylamine	3.66	42	448585	38.713 ng	95
6) Aniline	7.16	93	1347156	30.642 ng	99
8) 2-Chlorophenol	7.39	128	1175588	45.795 ng	99
9) Benzaldehyde	6.97	77	344580	15.823 ng	95
10) Phenol	7.02	94	1438581	43.934 ng	96
11) bis(2-Chloroethyl)ether	7.26	93	1040703	39.881 ng	97
12) 1,3-Dichlorobenzene	7.72	146	1168330	39.600 ng	99
13) 1,4-Dichlorobenzene	7.86	146	1203232	40.117 ng	99
14) 1,2-Dichlorobenzene	8.17	146	1154423	39.551 ng	99
15) Benzyl Alcohol	8.07	79	1050400	39.077 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1443201	35.822 ng	99
17) 2-Methylphenol	8.26	107	968605	42.067 ng	98
18) Hexachloroethane	8.90	117	438060	38.148 ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	885972	36.274 ng	97
20) 3+4-Methylphenols	8.59	107	1290427	41.192 ng	98
22) Acetophenone	8.65	105	1623146	42.910 ng	# 96
24) Nitrobenzene	9.03	77	1270733	43.312 ng	97
25) Isophorone	9.55	82	2329921	40.756 ng	100
26) 2-Nitrophenol	9.73	139	568186	51.962 ng	98
27) 2,4-Dimethylphenol	9.79	122	1037807	50.650 ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1435051	41.517 ng	100
29) 2,4-Dichlorophenol	10.26	162	1080292	47.654 ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1145070	43.929 ng	100
31) Naphthalene	10.67	128	3340209	43.622 ng	100
32) Benzoic acid	9.94	122	598355m	46.568 ng	
33) 4-Chloroaniline	10.78	127	478617	13.431 ng	96
34) Hexachlorobutadiene	10.94	225	664100	42.461 ng	98
35) Caprolactam	11.57	113	301486m	38.282 ng	
36) 4-Chloro-3-methylphenol	11.90	107	1103380	41.863 ng	98
37) 2-Methylnaphthalene	12.28	142	2442339	43.032 ng	99
38) 1-Methylnaphthalene	12.50	142	2310371	42.751 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1253037	47.726 ng	99

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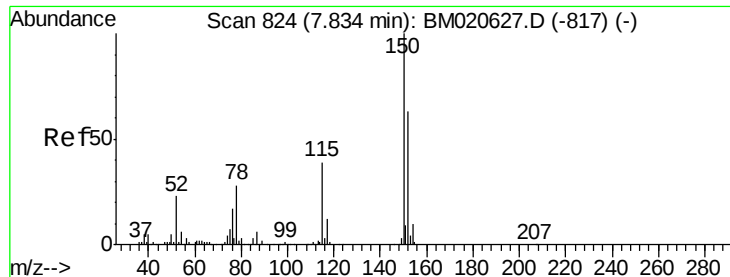
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1604299	102.170	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	818506	48.433	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	860898	49.343	ng	97
46) 1,1'-Biphenyl	13.30	154	3079149	46.019	ng	99
47) 2-Chloronaphthalene	13.33	162	2354345	43.597	ng	99
48) 2-Nitroaniline	13.55	65	669116	39.477	ng	91
49) Acenaphthylene	14.19	152	3720038	44.149	ng	100
50) Dimethylphthalate	13.93	163	2835110	41.420	ng	100
51) 2,6-Dinitrotoluene	14.05	165	609846	43.880	ng	89
52) Acenaphthene	14.53	154	2146306	42.743	ng	100
53) 3-Nitroaniline	14.37	138	360026	23.208	ng	94
54) 2,4-Dinitrophenol	14.58	184	501971	83.596	ng	90
55) Dibenzofuran	14.86	168	3358751	43.067	ng	98
56) 4-Nitrophenol	14.68	139	922124	80.666	ng	90
57) 2,4-Dinitrotoluene	14.83	165	790753	42.493	ng	97
58) Fluorene	15.51	166	2676710	41.736	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	713377	46.923	ng	97
60) Diethylphthalate	15.29	149	2784217	39.440	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1416640	41.718	ng	98
62) 4-Nitroaniline	15.54	138	551825	33.541	ng	96
63) Azobenzene	15.80	77	2608104	38.537	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	307313	45.378	ng	98
66) n-Nitrosodiphenylamine	15.72	169	2276982	47.167	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	820657	46.221	ng	97
68) Hexachlorobenzene	16.50	284	925536	44.641	ng	96
69) Atrazine	16.67	200	717887	49.826	ng	99
70) Pentachlorophenol	16.85	266	1024486	103.579	ng	100
71) Phenanthrene	17.25	178	3682275	43.079	ng	100
72) Anthracene	17.34	178	3777814	44.158	ng	100
73) Carbazole	17.61	167	3132481	40.348	ng	100
74) Di-n-butylphthalate	18.17	149	4092276	40.605	ng	99
75) Fluoranthene	19.26	202	3678687	38.699	ng	99
77) Benzidine	19.45	184	1562992	48.390	ng	99
78) Pyrene	19.62	202	3668261	44.844	ng	99
80) Butylbenzylphthalate	20.53	149	1481204	42.848	ng	93
81) Benzo(a)anthracene	21.37	228	3106349	41.846	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	909062	33.442	ng	99
83) Chrysene	21.42	228	3093155	43.835	ng	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	2105740	41.912	ng	99
85) Di-n-octyl phthalate	22.19	149	3271853	41.018	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3911942	54.190	ng	99
88) Benzo(b)fluoranthene	22.98	252	3229852	42.402	ng	99
89) Benzo(k)fluoranthene	23.03	252	3091829	41.535	ng	99
90) Benzo(a)pyrene	23.57	252	3125289	45.234	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3295057	49.158	ng	100
92) Benzo(g,h,i)perylene	26.70	276	3196900	51.347	ng	99

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



#1

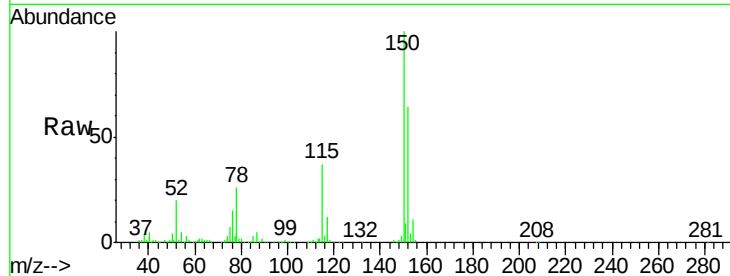
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

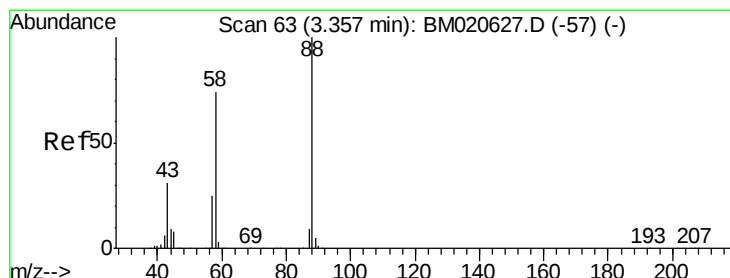
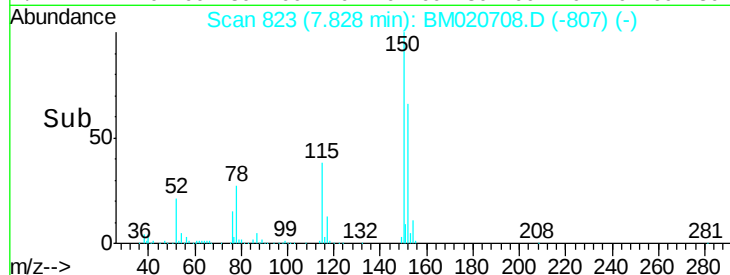
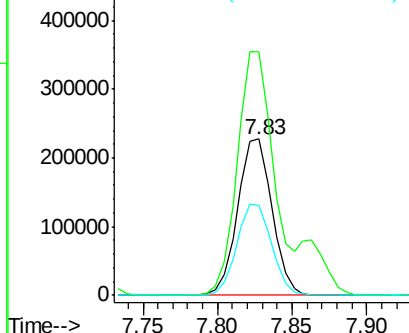
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.0	189.0
115	57.9	49.6	74.4

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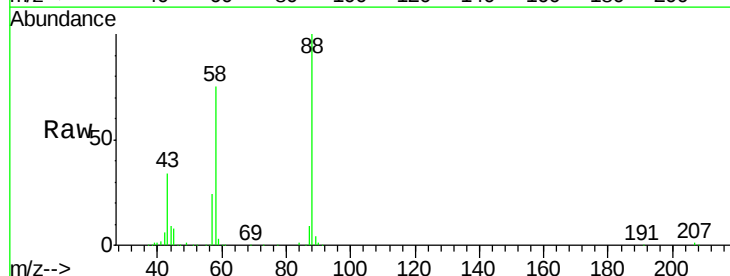
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



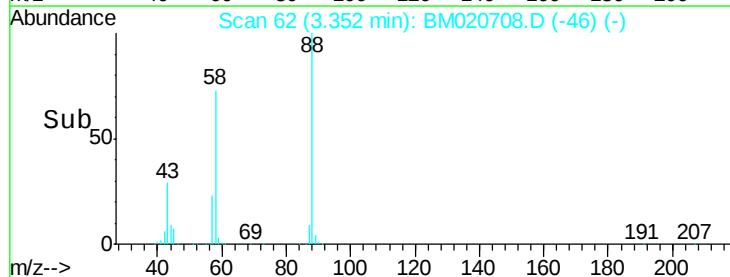
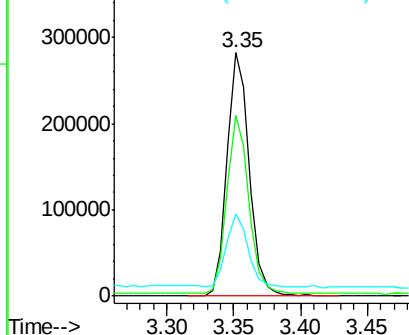
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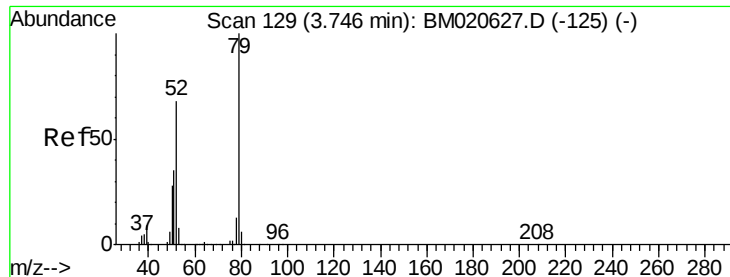
1,4-Dioxane
Concen: 39.476 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	60.2	90.4
43	29.7	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 35.508 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

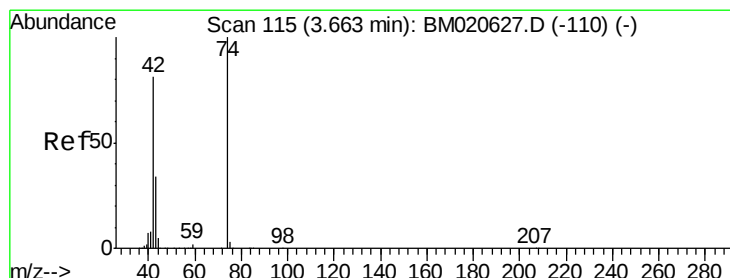
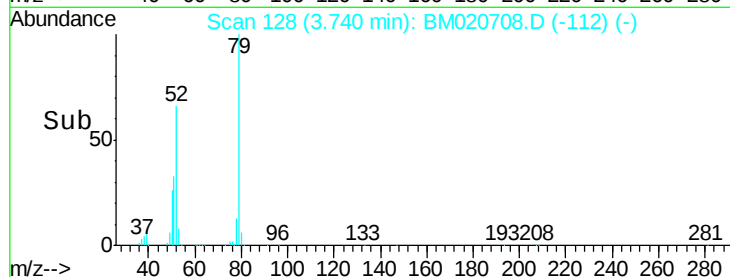
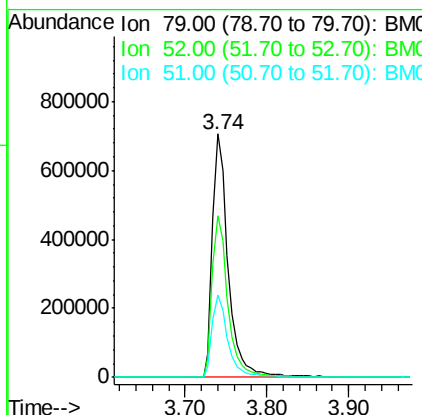
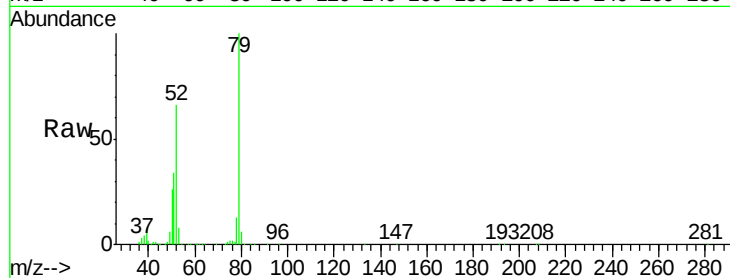
ClientSampleId :

PB120211BS

Tgt Ion:	79	Resp:	954440
Ion	Ratio	Lower	Upper
79	100		
52	66.4	54.1	81.1
51	33.6	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 38.713 ng

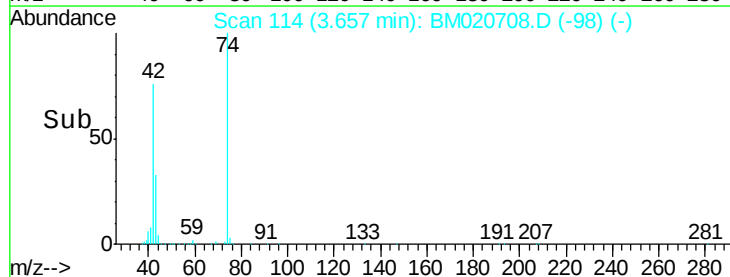
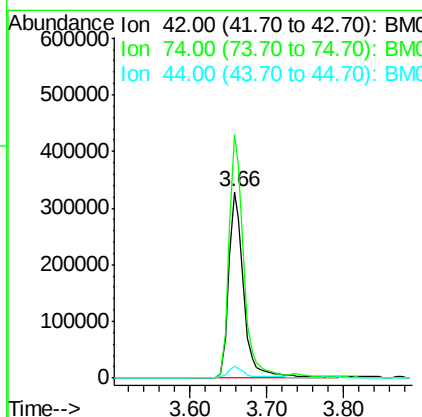
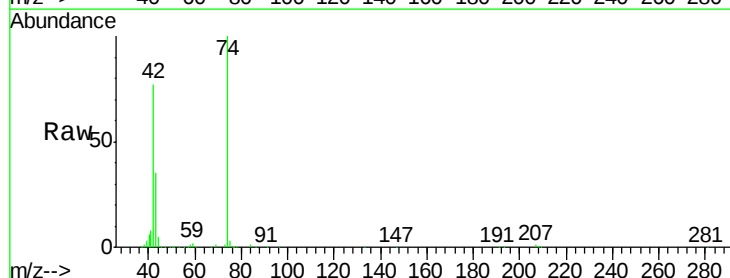
RT: 3.66 min Scan# 114

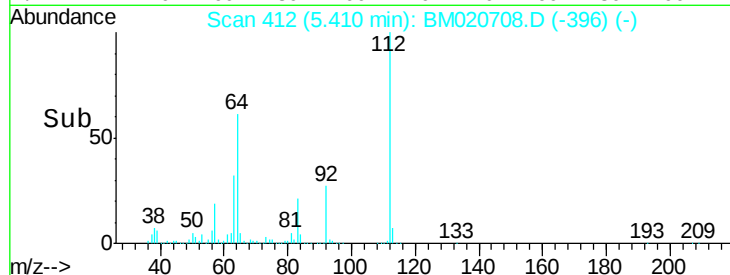
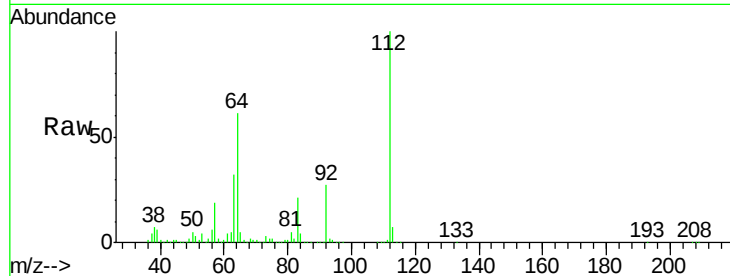
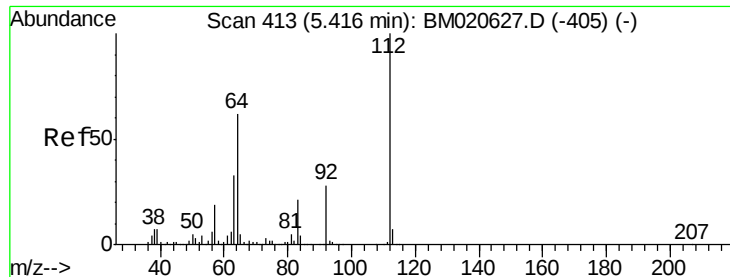
Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	42	Resp:	448585
Ion	Ratio	Lower	Upper
42	100		
74	130.5	99.4	149.0
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 143.728 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	112	Resp:	2965835
Ion	Ratio	Lower	Upper
112	100		
64	61.2	49.7	74.5
63	32.1	26.4	39.6

Instrument :

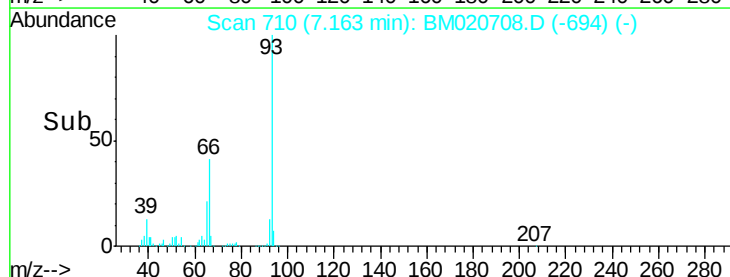
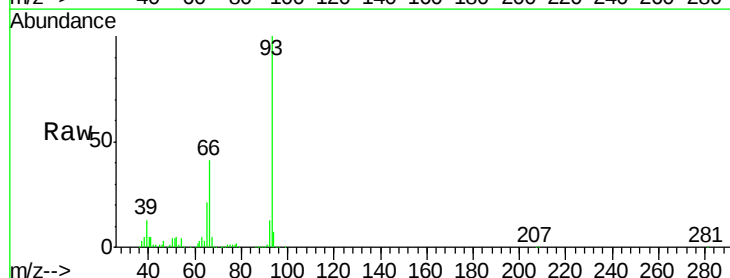
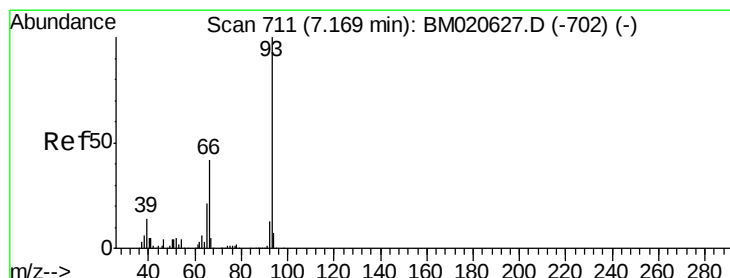
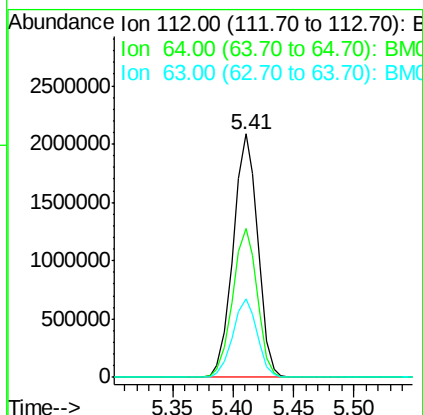
BNA_M

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#6

Aniline

Concen: 30.642 ng

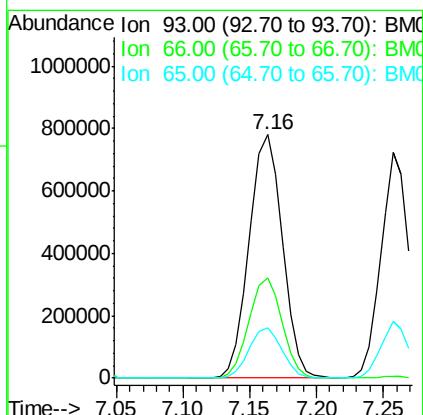
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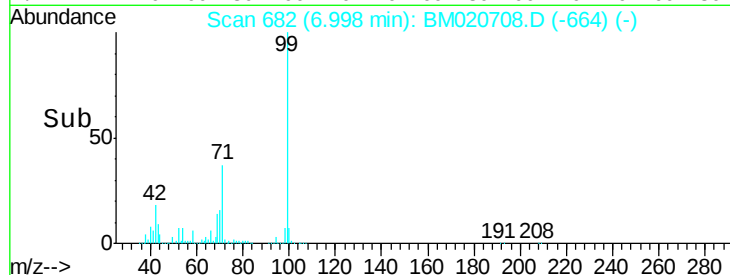
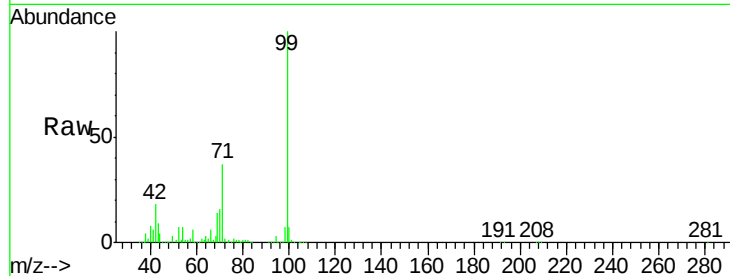
Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	93	Resp:	1347156
Ion	Ratio	Lower	Upper
93	100		
66	41.1	33.6	50.4
65	20.8	16.7	25.1





#7

Phenol-d6

Concen: 129.360 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	99	Resp:	3930513
Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.5	24.7
71	37.2	30.7	46.1

Instrument :

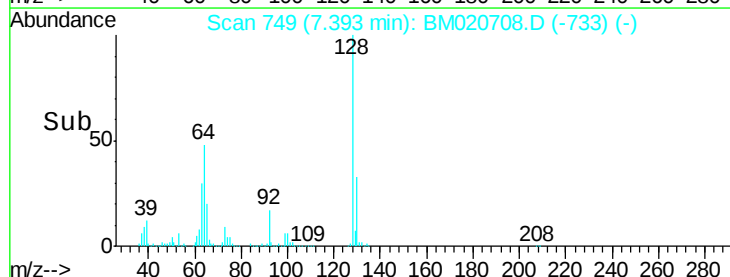
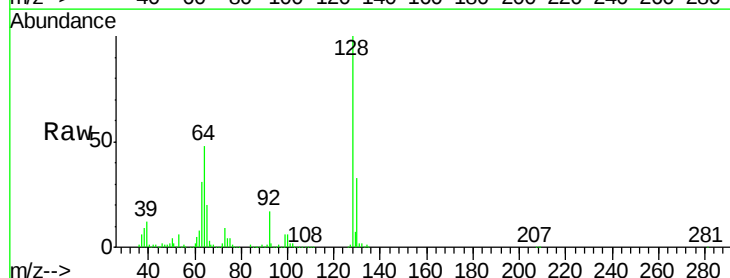
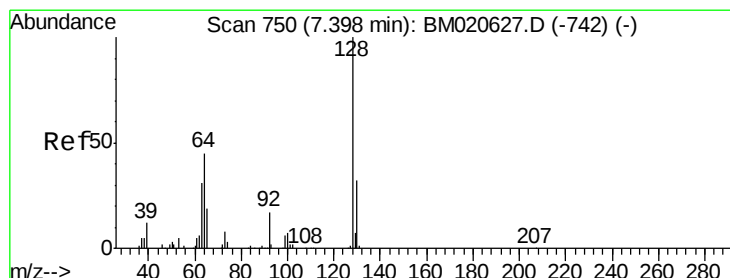
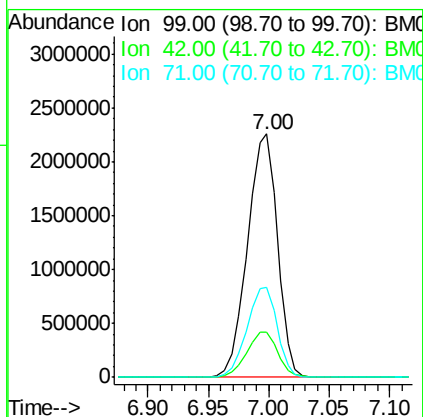
BNA_M

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#8

2-Chlorophenol

Concen: 45.795 ng

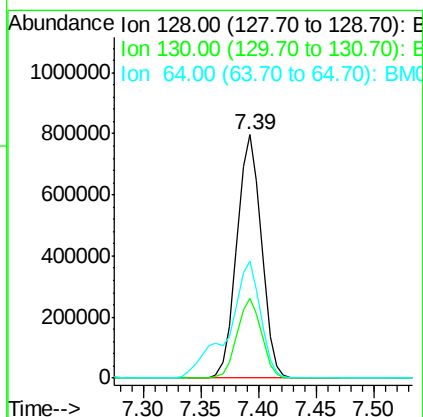
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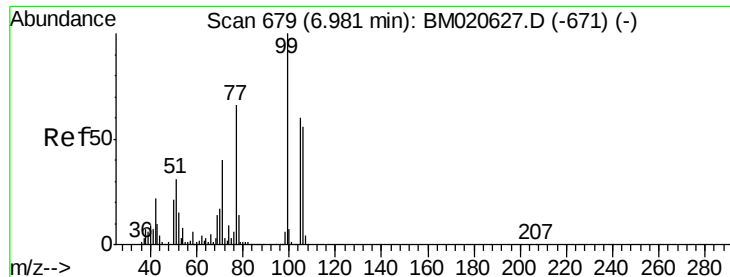
Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	128	Resp:	1175588
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	48.1	29.1	69.1





#9

Benzaldehyde

Concen: 15.823 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

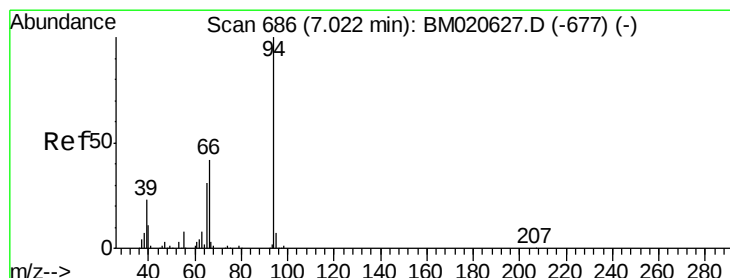
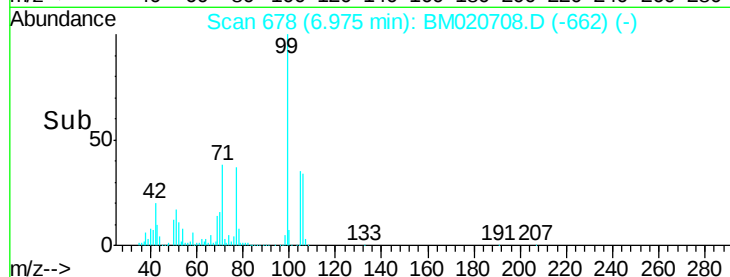
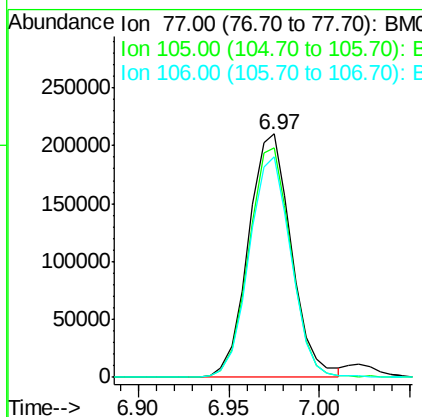
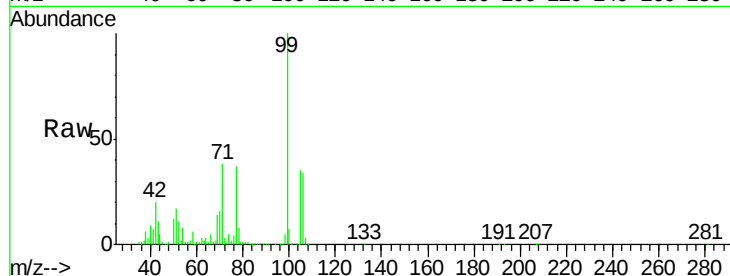
ClientSampled :

PB120211BS

Tgt Ion:	77	Resp:	344580
Ion Ratio	Lower	Upper	
77	100		
105	94.3	70.6	110.6
106	90.8	64.9	104.9

Manual Integrations
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#10

Phenol

Concen: 43.934 ng

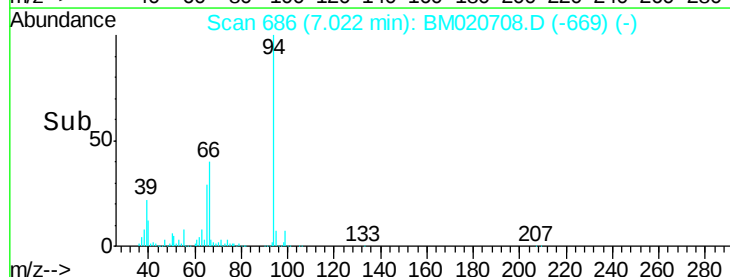
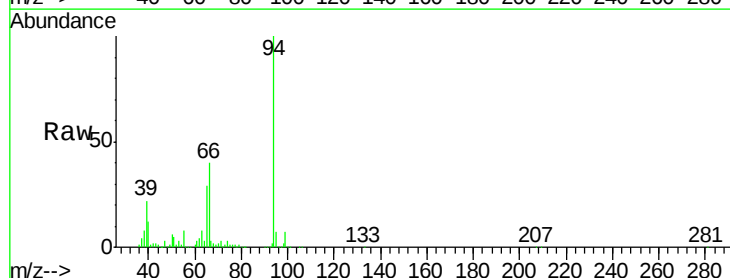
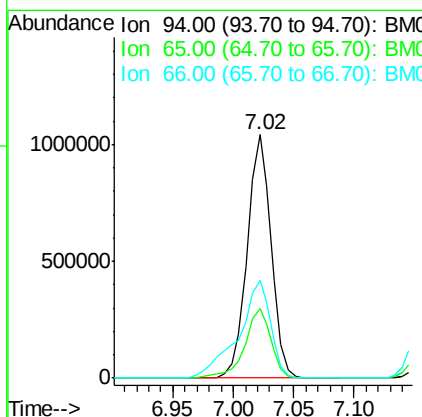
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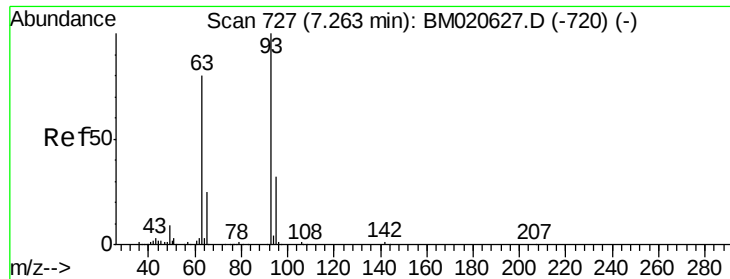
Delta R.T. -0.00 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	94	Resp:	1438581
Ion Ratio	Lower	Upper	
94	100		
65	28.7	10.7	50.7
66	39.9	22.3	62.3





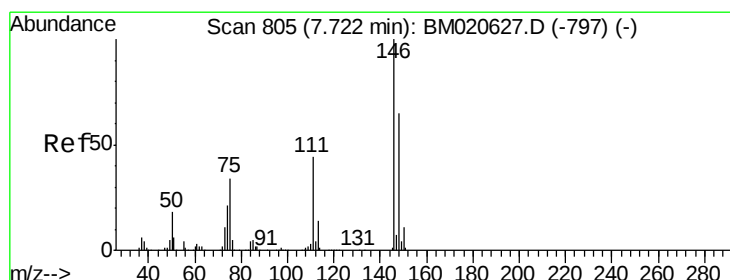
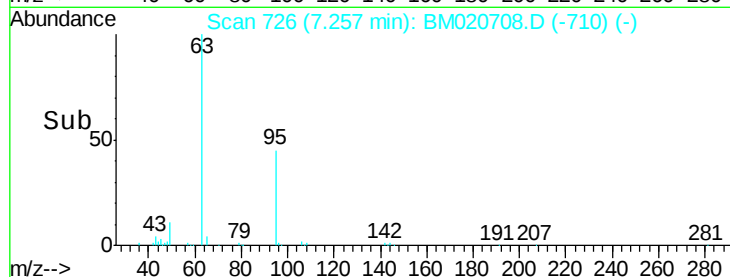
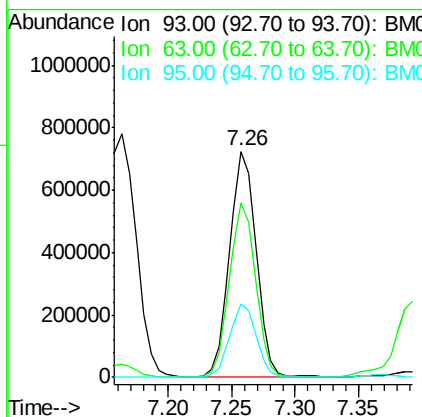
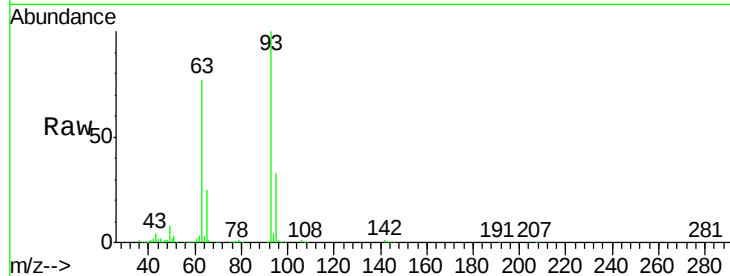
#11
bis(2-Chloroethyl)ether
Concen: 39.881 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampled :
PB120211BS

Tgt Ion: 93 Resp: 1040703
Ion Ratio Lower Upper
93 100
63 76.9 60.0 100.0
95 32.5 12.2 52.2

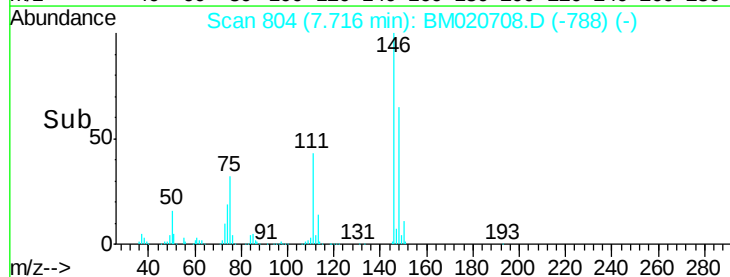
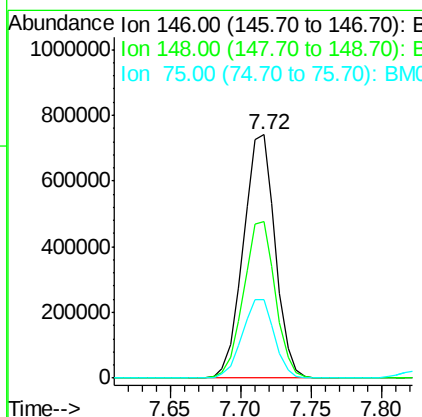
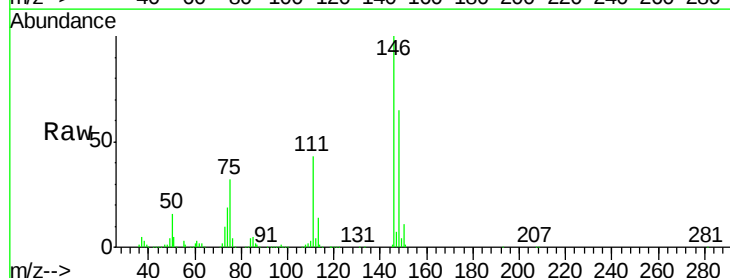
Manual Integrations
APPROVED

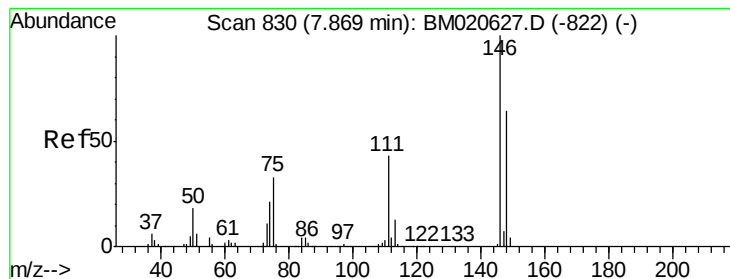
mohammad
6/5/2019 3:41:30 PM



#12
1,3-Dichlorobenzene
Concen: 39.600 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion: 146 Resp: 1168330
Ion Ratio Lower Upper
146 100
148 64.6 52.0 78.0
75 32.2 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 40.117 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampled :

PB120211BS

Tgt Ion:146 Resp: 1203232

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.4

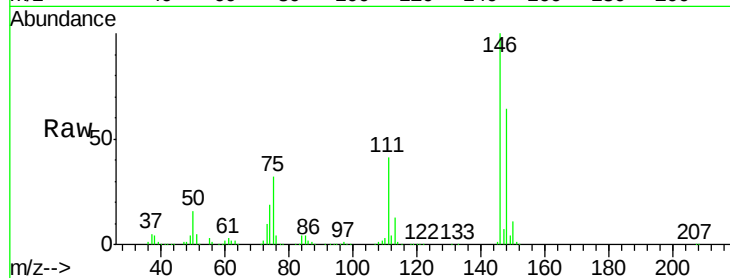
111 40.9 34.4 51.6

Manual Integrations

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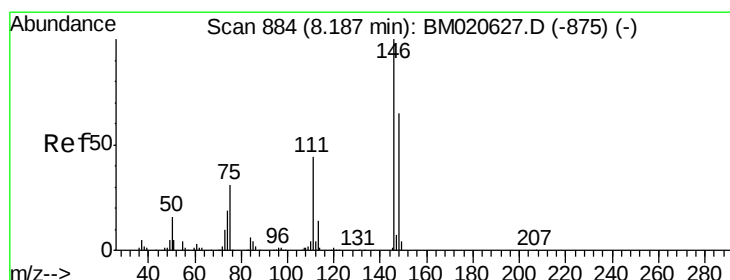
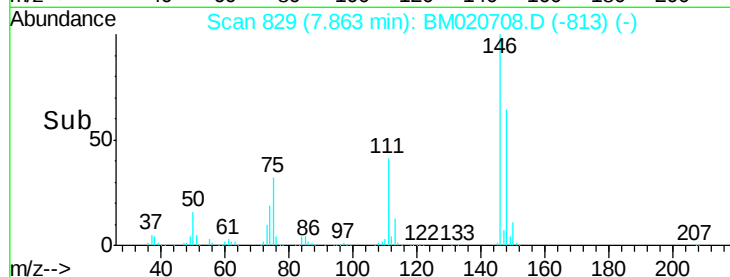
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.86

Time-->



#14

1,2-Dichlorobenzene

Concen: 39.551 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

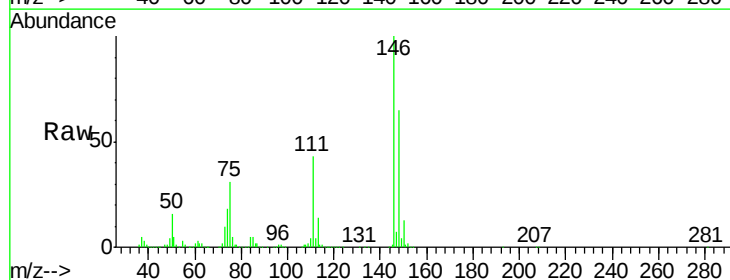
Tgt Ion:146 Resp: 1154423

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

111 43.0 35.1 52.7



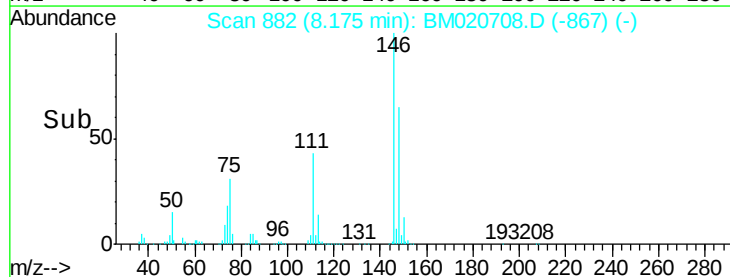
Abundance Ion 146.00 (145.70 to 146.70): E

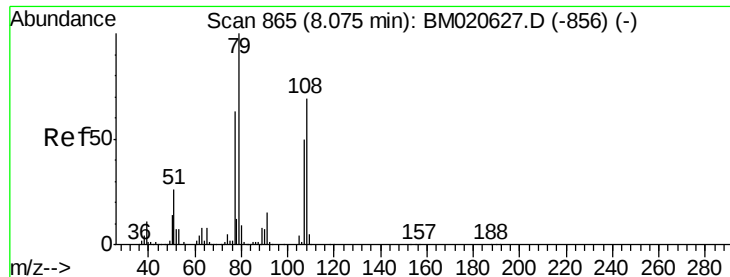
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

8.17

Time-->





#15

Benzyl Alcohol

Concen: 39.077 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion: 79 Resp: 1050400

Ion Ratio Lower Upper

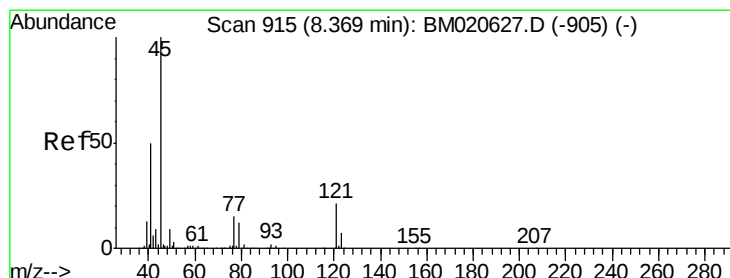
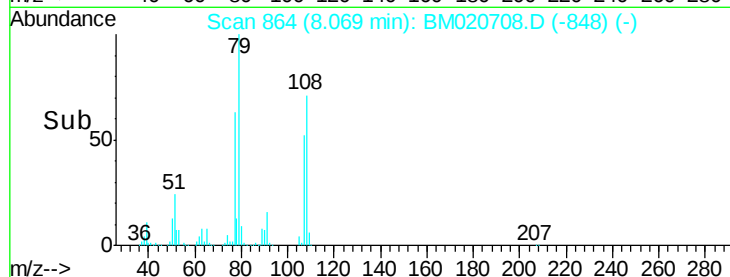
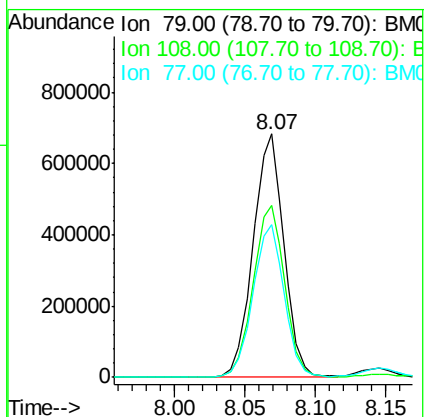
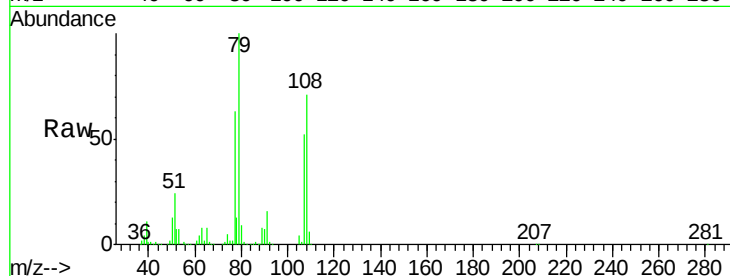
79 100

108 70.8 54.9 82.3

77 62.5 50.2 75.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.822 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

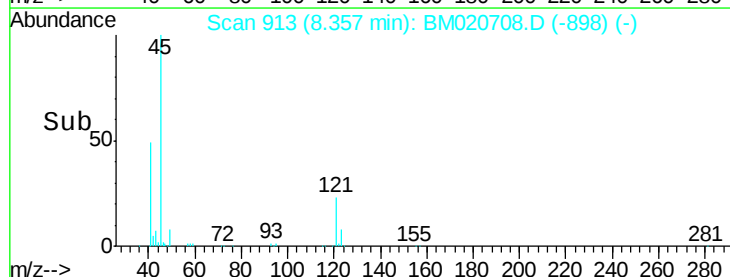
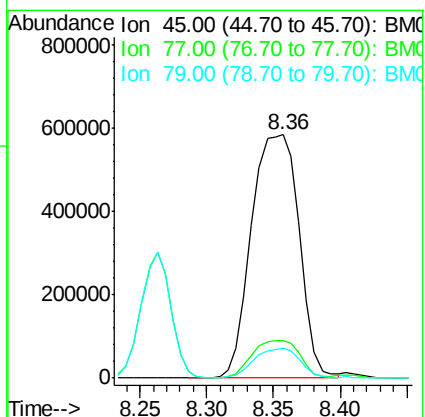
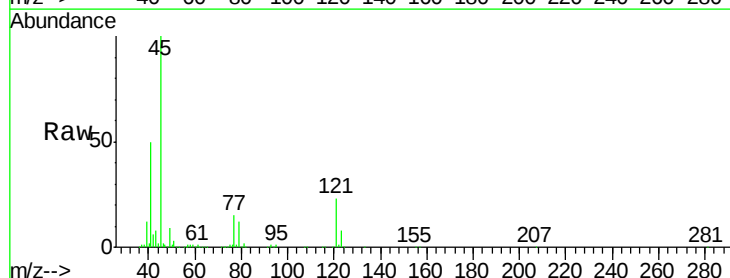
Tgt Ion: 45 Resp: 1443201

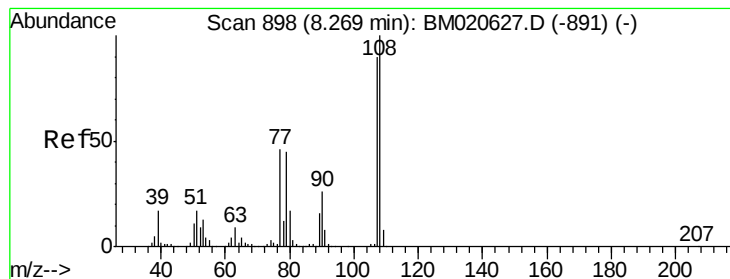
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.9

79 12.4 0.0 31.8





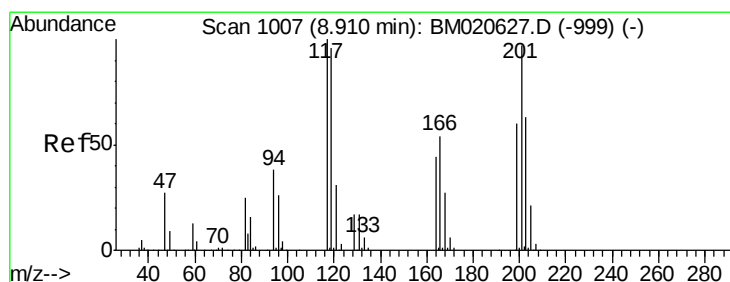
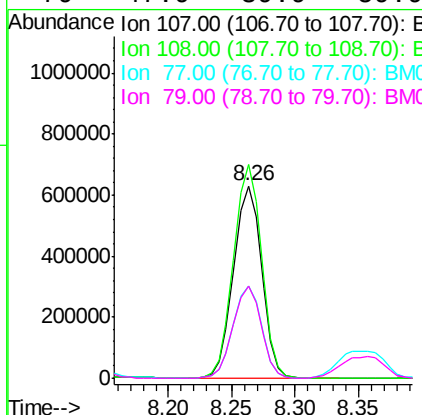
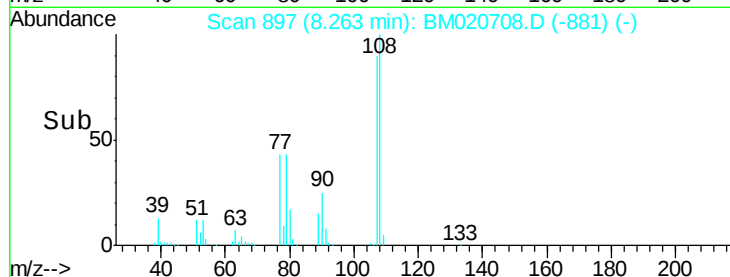
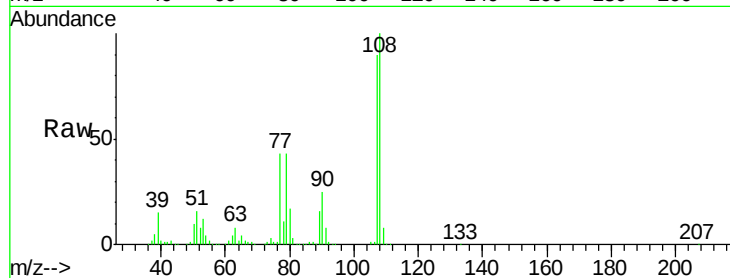
#17
2-Methylphenol
Concen: 42.067 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.9	88.6	133.0
77	47.9	40.6	61.0
79	47.9	39.9	59.9

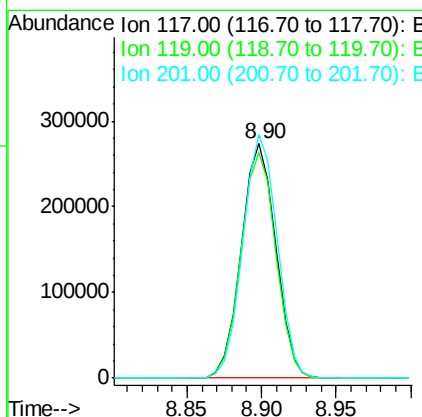
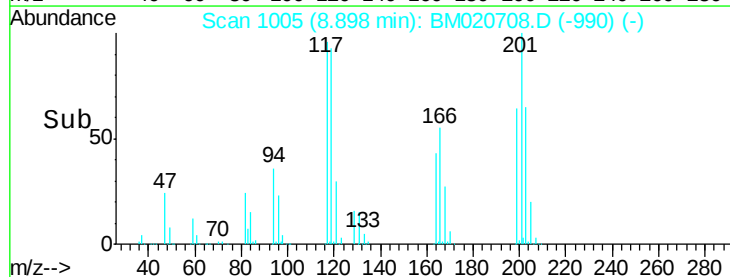
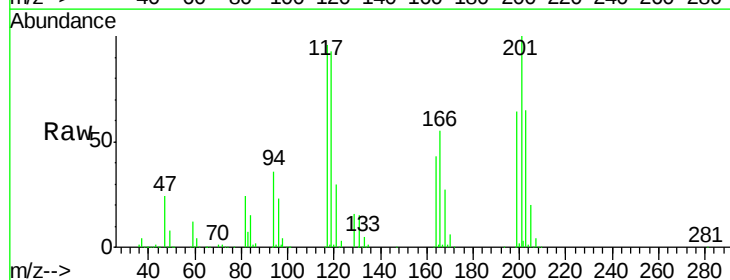
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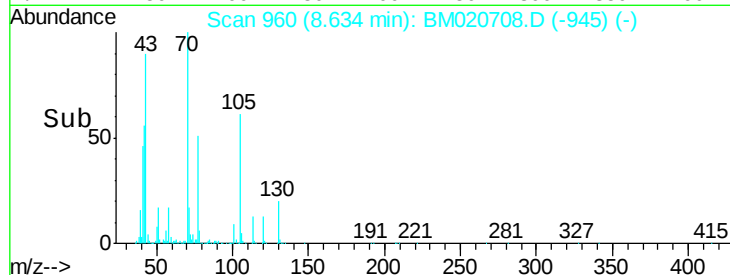
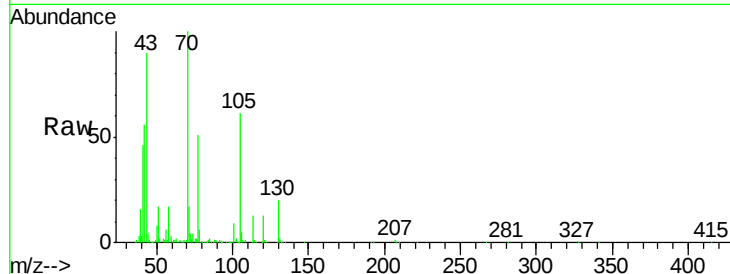
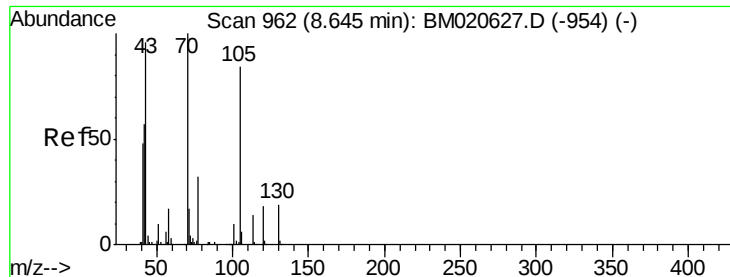
mohammad
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#18
Hexachloroethane
Concen: 38.148 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.4	76.7	115.1
201	104.0	77.9	116.9





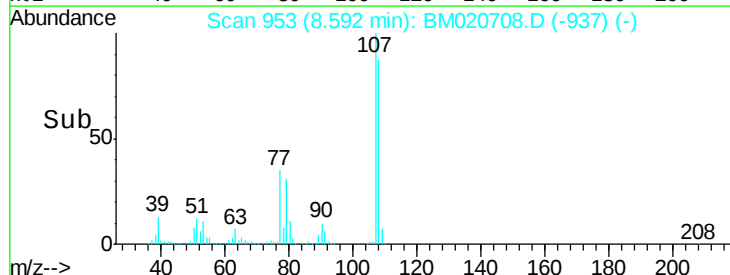
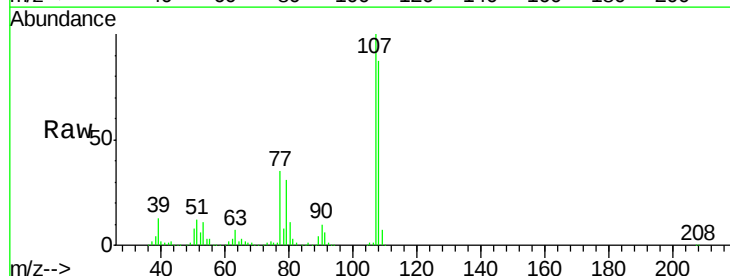
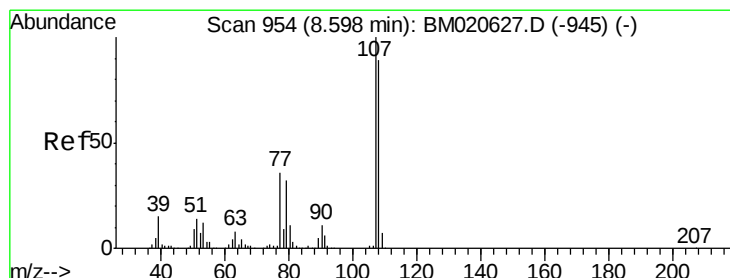
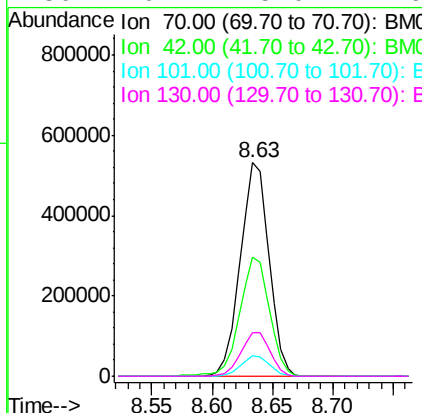
#19
n-Nitroso-di-n-propylamine
Concen: 36.274 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.8	70.2
101	9.5	7.8	11.6
130	20.4	15.0	22.6

Instrument :
BNA_M
ClientSampleId :
PB120211BS

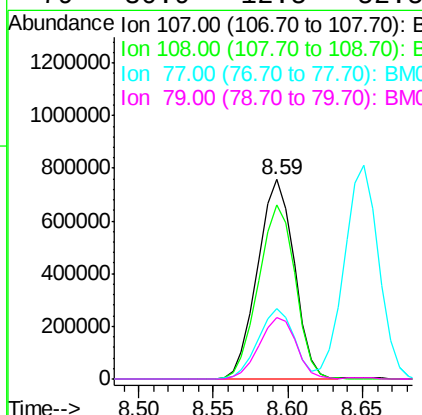
Manual Integrations
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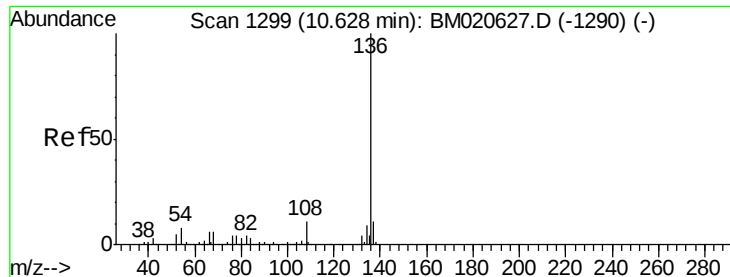
mohammad
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#20
3+4-Methylphenols
Concen: 41.192 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.2	109.2
77	35.0	16.2	56.2
79	30.9	12.5	52.5





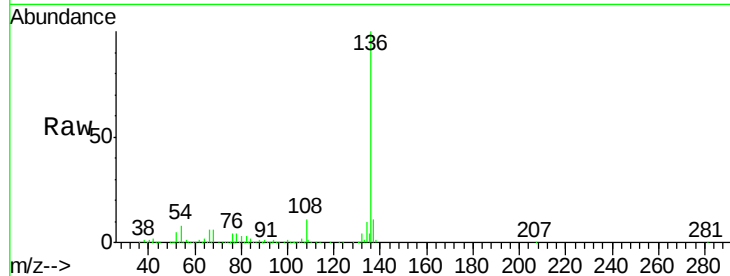
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

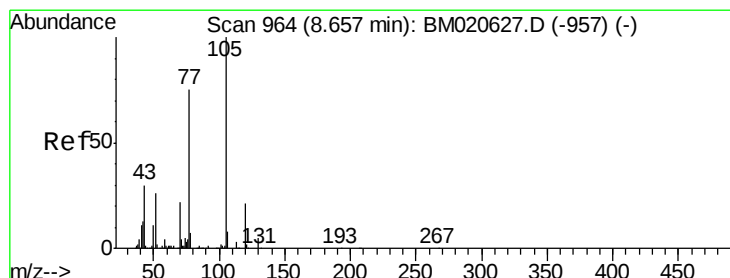
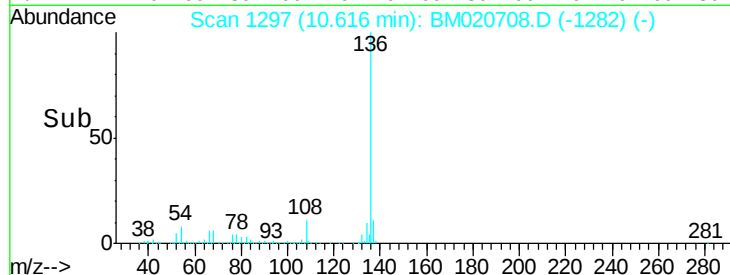
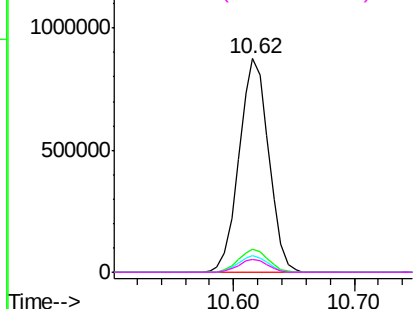
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	6.6	10.0
68	5.9	5.1	7.7

Manual Integrations
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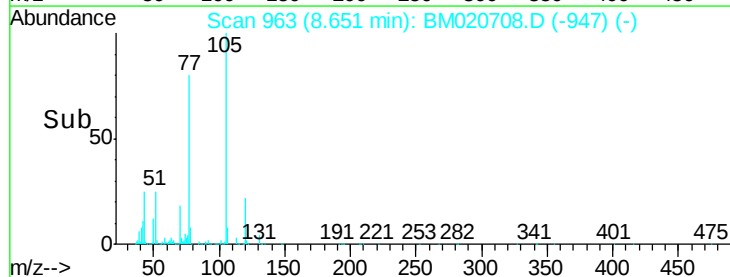
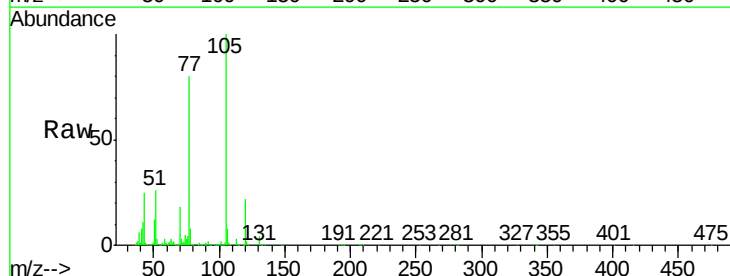
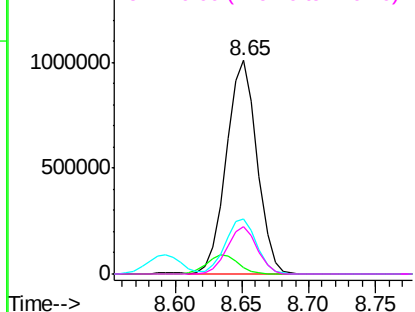
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

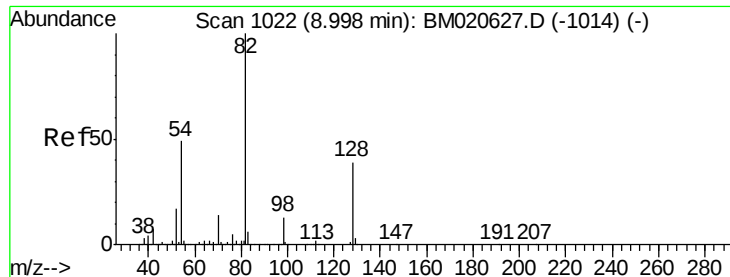


#22
Acetophenone
Concen: 42.910 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.2	4.8#
51	25.6	22.8	34.2
120	22.3	17.0	25.4

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





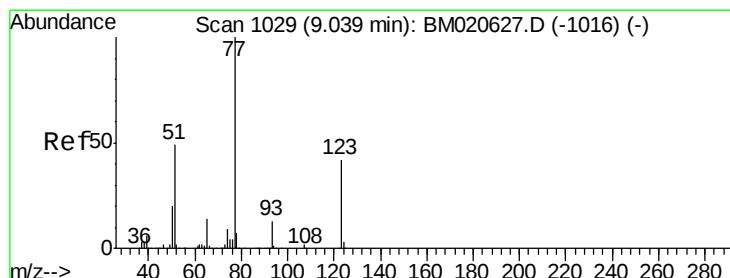
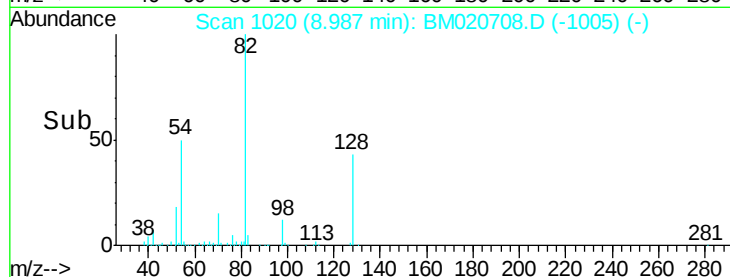
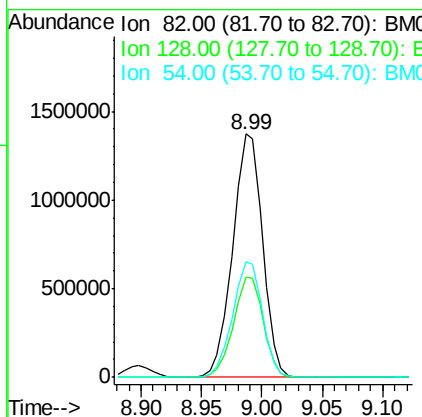
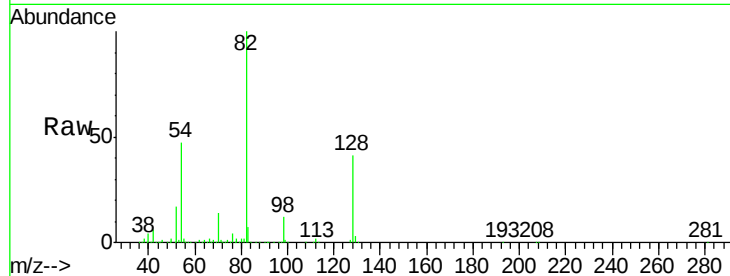
#23
 Nitrobenzene-d5
 Concen: 82.403 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	31.5	47.3
54	47.4	39.4	59.0

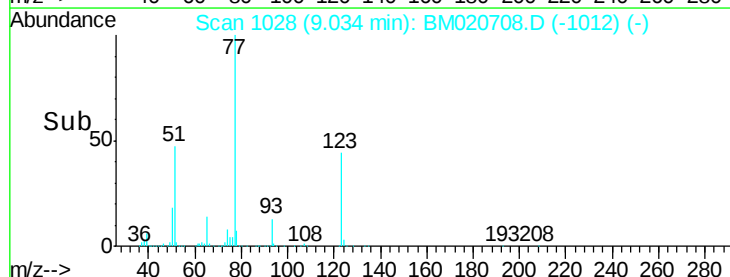
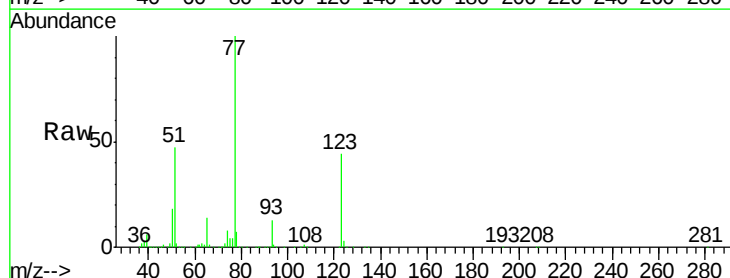
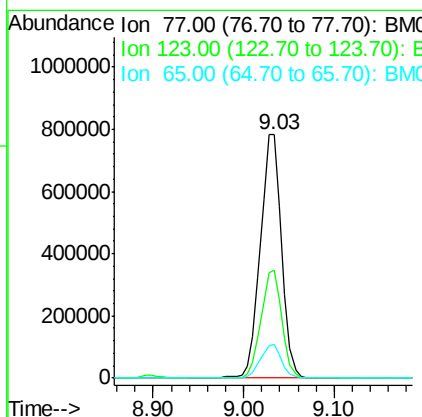
Manual Integrations
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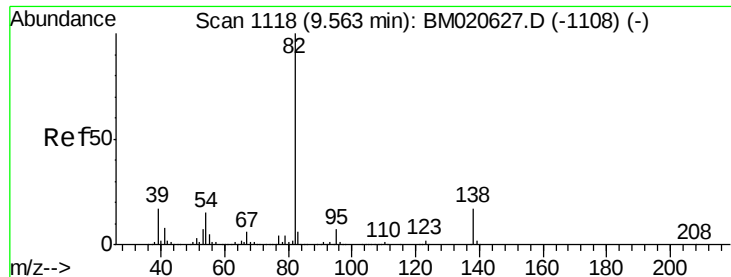
mohammad
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#24
 Nitrobenzene
 Concen: 43.312 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.7	50.5
65	13.7	11.0	16.6





#25

Isophorone

Concen: 40.756 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion: 82 Resp: 2329921

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

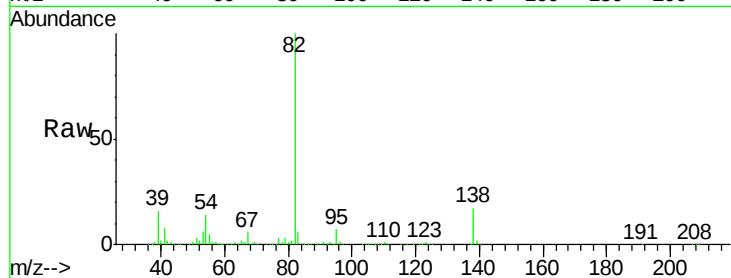
138 17.4 13.8 20.8

Manual Integrations

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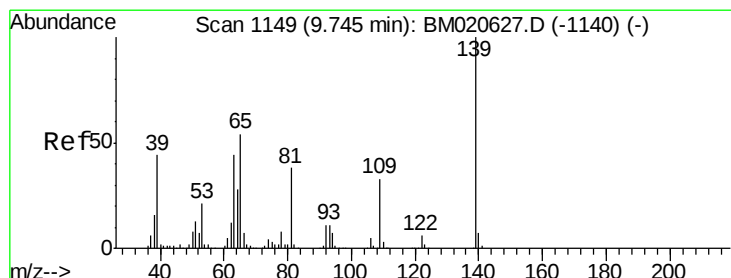
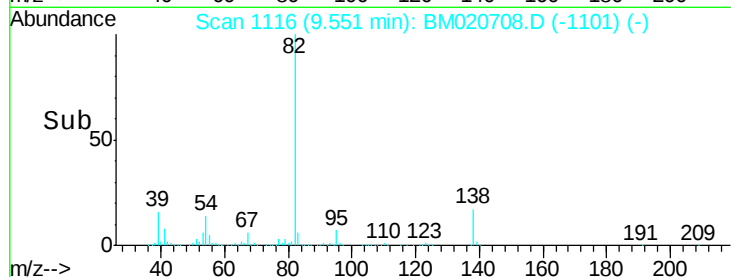
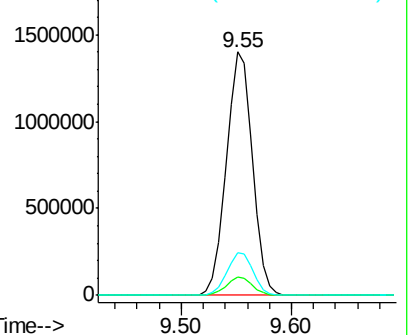
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Abundance Ion 82.00 (81.70 to 82.70): BM020708.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020708.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020708.D (-1116) (-)



#26

2-Nitrophenol

Concen: 51.962 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

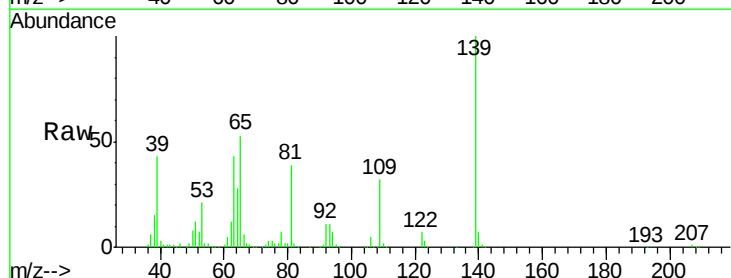
Tgt Ion: 139 Resp: 568186

Ion Ratio Lower Upper

139 100

109 32.1 26.1 39.1

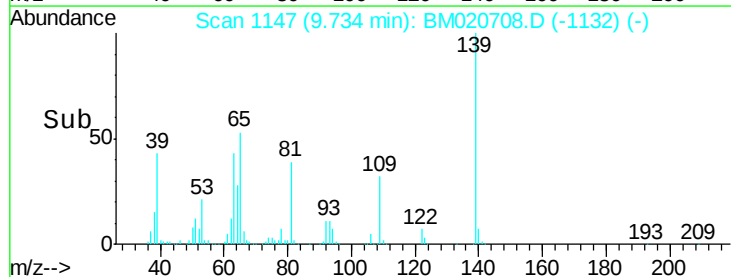
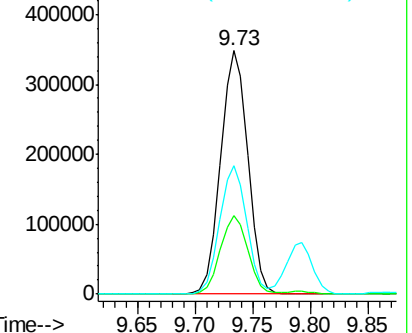
65 52.9 43.4 65.0

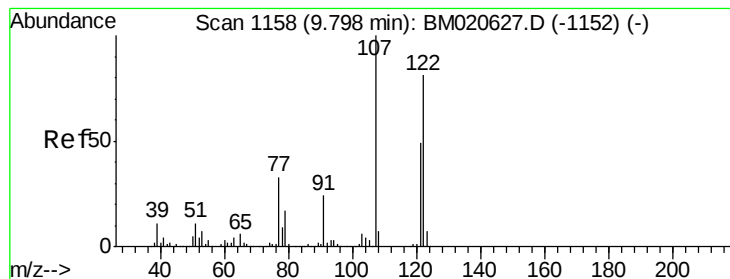


Abundance Ion 139.00 (138.70 to 139.70): BM020708.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020708.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020708.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 50.650 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion: 122 Resp: 1037807

Ion Ratio Lower Upper

122 100

107 120.0 98.0 147.0

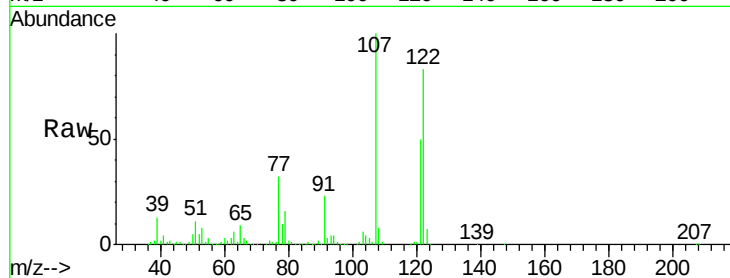
121 59.8 48.2 72.4

Manual Integrations

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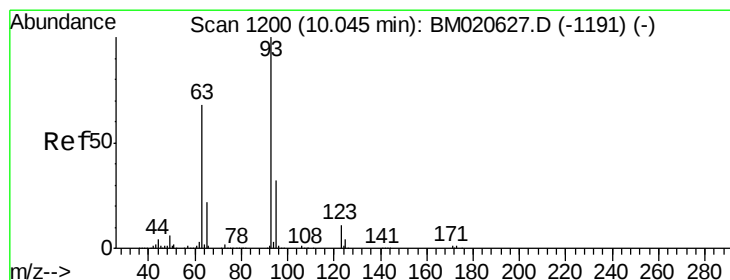
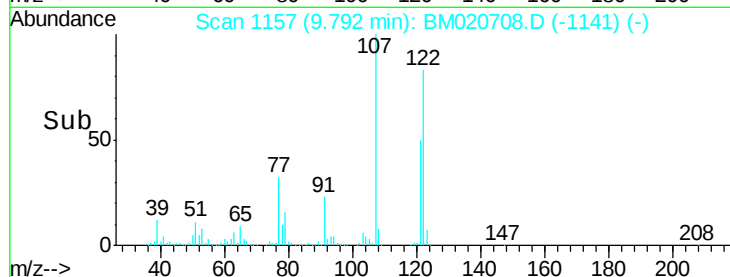
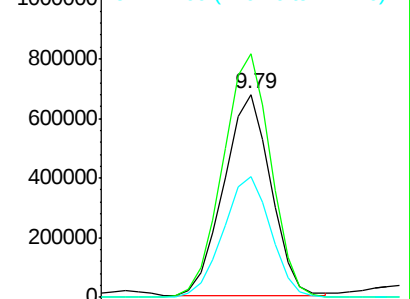
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.517 ng

RT: 10.03 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

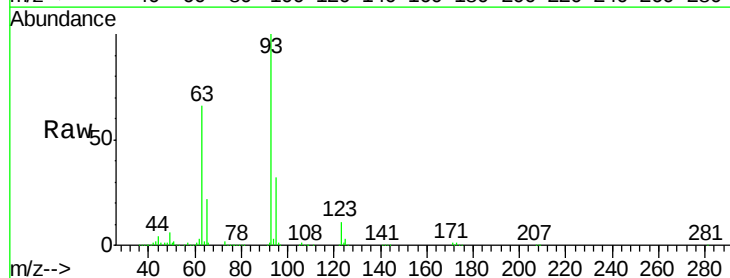
Tgt Ion: 93 Resp: 1435051

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

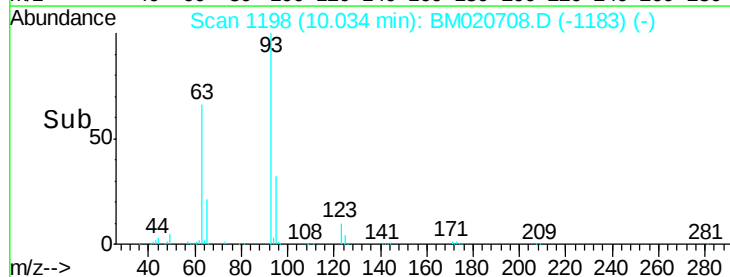
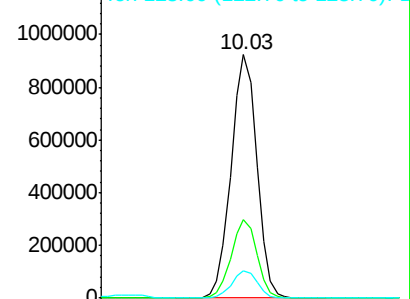
123 11.3 9.0 13.6

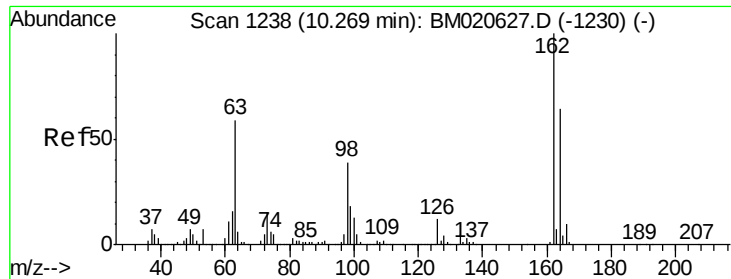


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





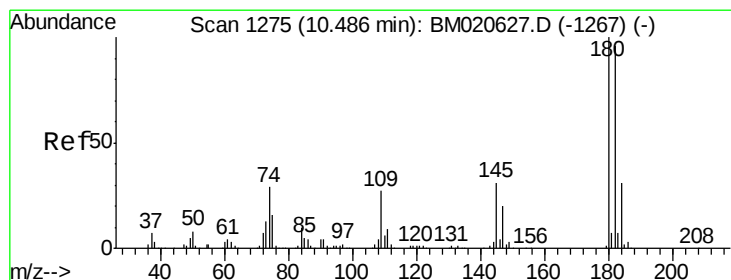
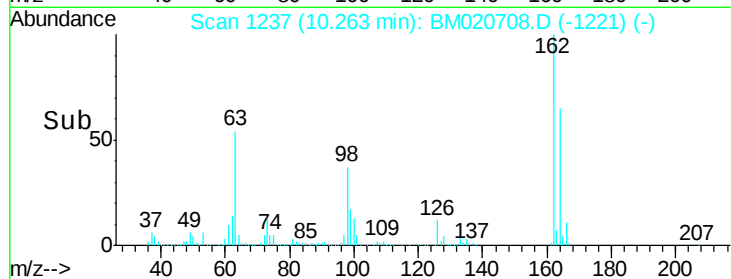
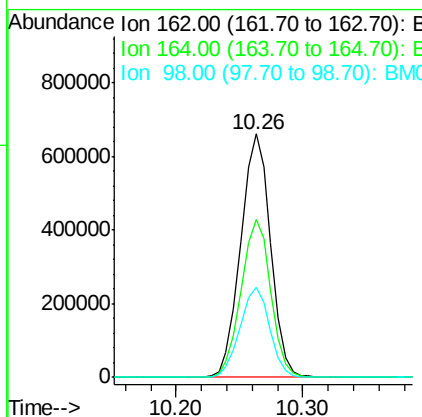
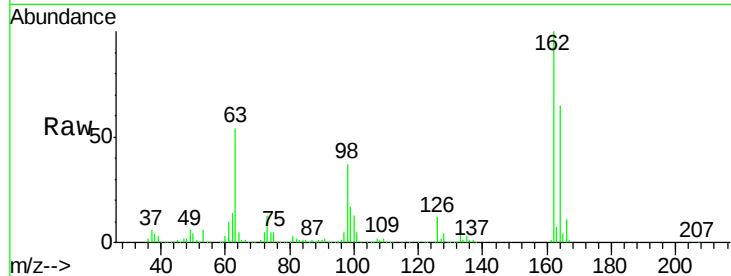
#29
2,4-Dichlorophenol
Concen: 47.654 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	36.9	19.1	59.1

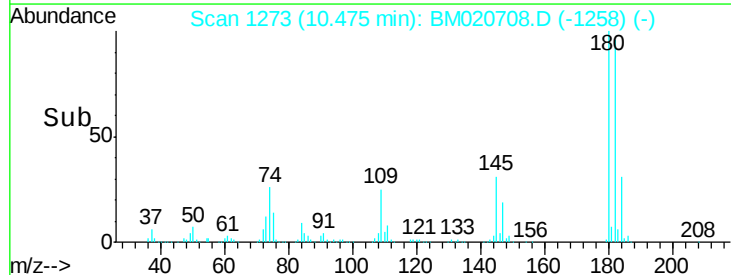
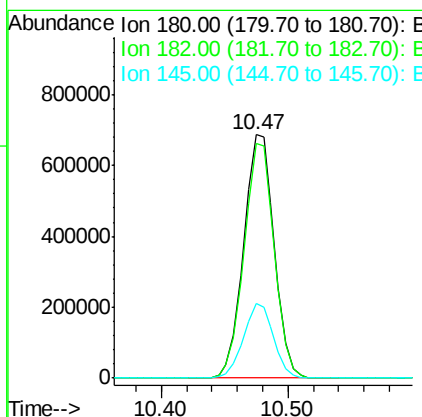
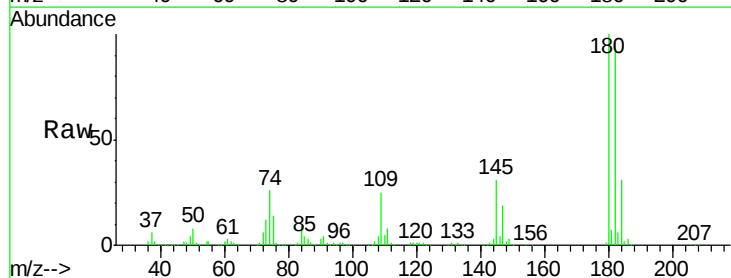
Manual Integrations
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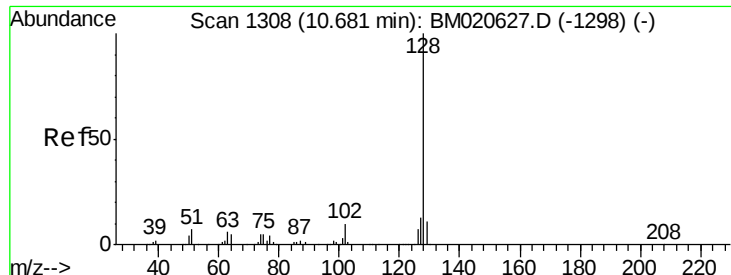
mohammad
6/5/2019 3:41:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.929 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.6
145	30.6	25.0	37.4





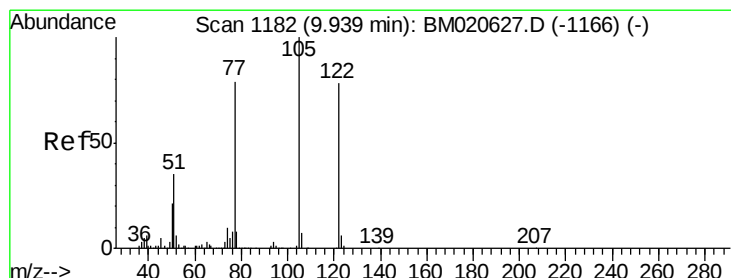
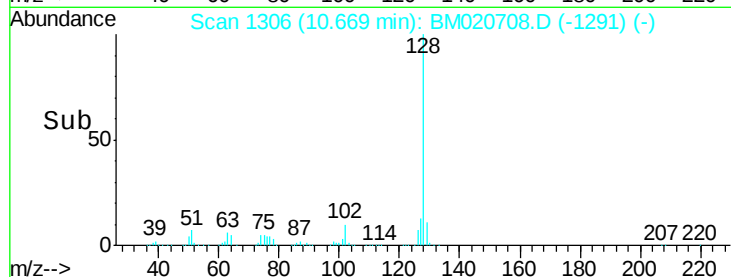
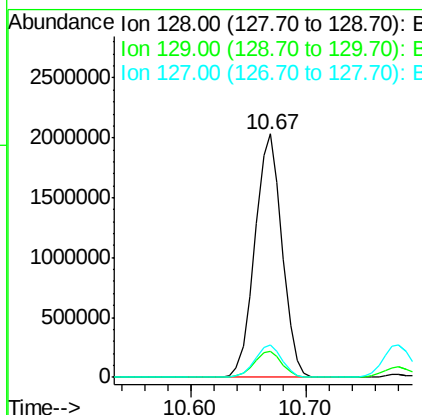
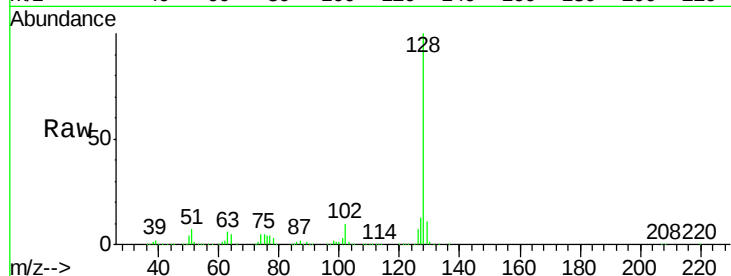
#31
Naphthalene
Concen: 43.622 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion:128 Resp: 3340209
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.3 15.5

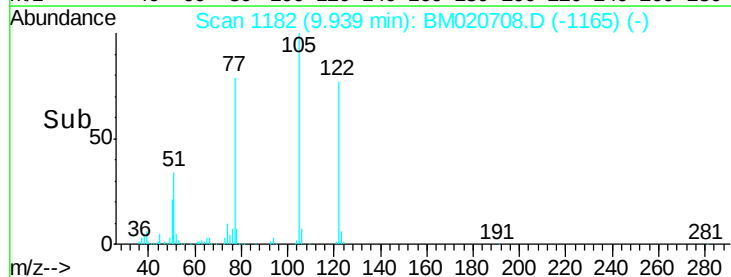
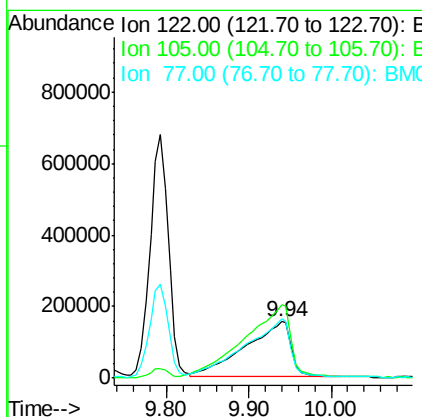
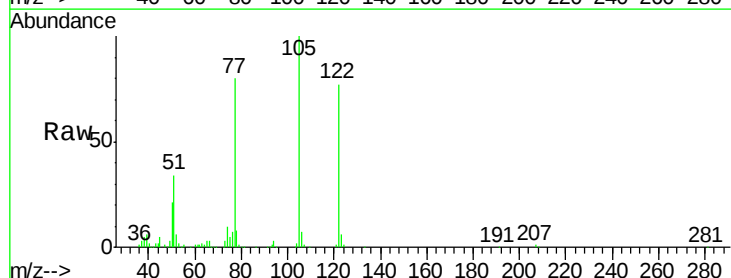
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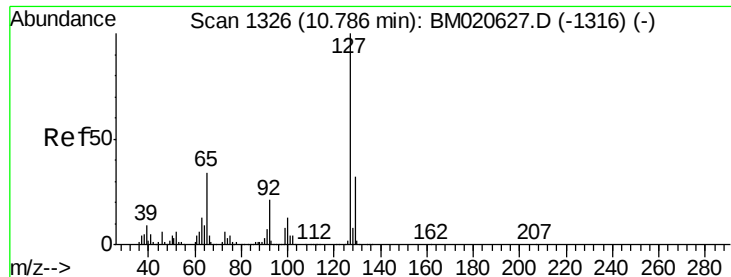
mohammad
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#32
Benzoic acid
Concen: 46.568 ng m
RT: 9.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion:122 Resp: 598355
Ion Ratio Lower Upper
122 100
105 130.2 107.0 147.0
77 103.7 80.9 120.9





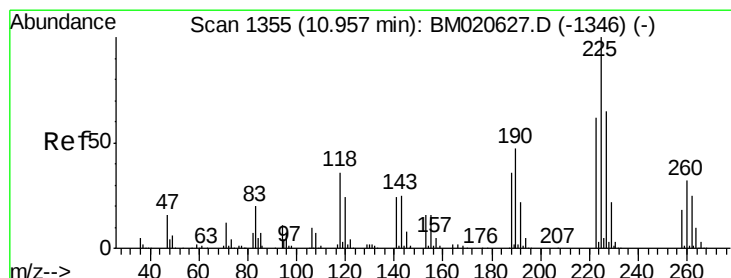
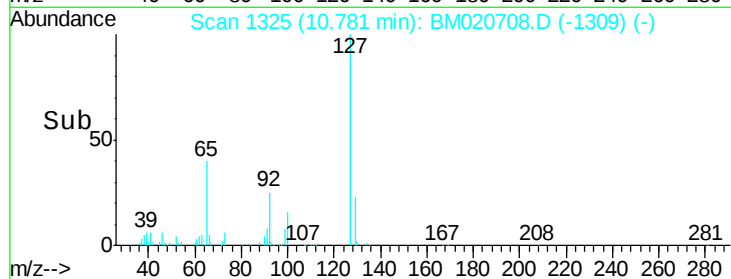
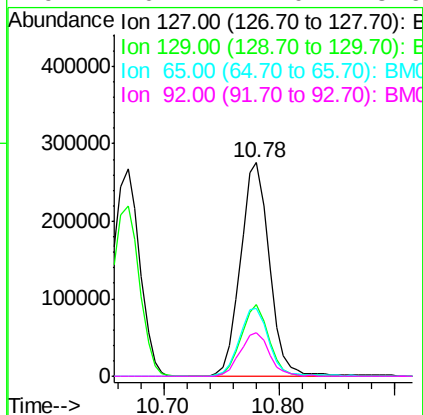
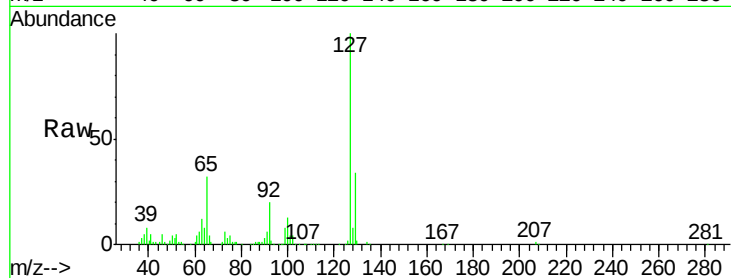
#33
4-Chloroaniline
Concen: 13.431 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	478617		
129	33.8	25.7	38.5	
65	31.5	27.4	41.0	
92	20.1	17.0	25.6	

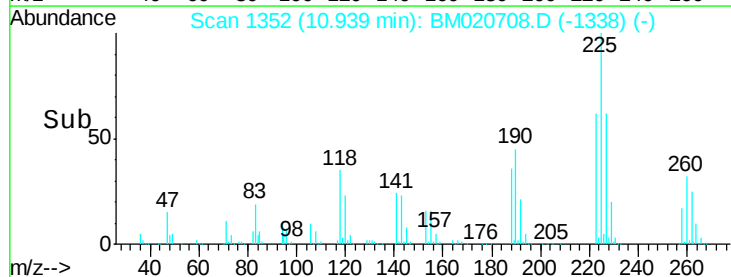
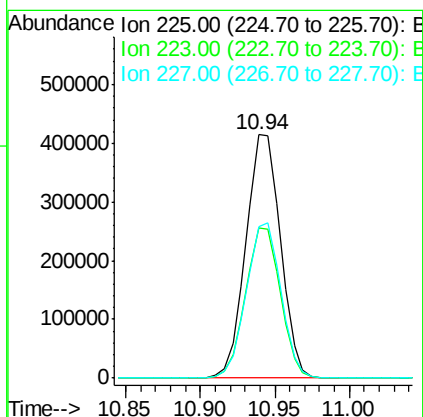
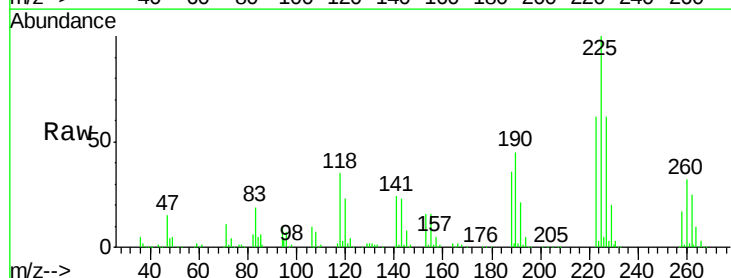
Manual Integrations
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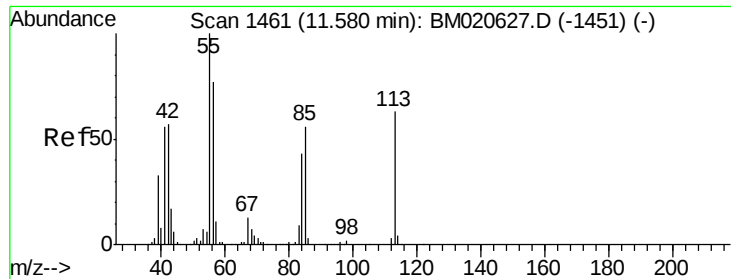
mohammad
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#34
Hexachlorobutadiene
Concen: 42.461 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	664100		
223	61.8	49.7	74.5	
227	62.0	51.8	77.8	





#35

Caprolactam

Concen: 38.282 ng m

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion:113 Resp: 301486

Ion Ratio Lower Upper

113 100

55 157.8 138.6 178.6

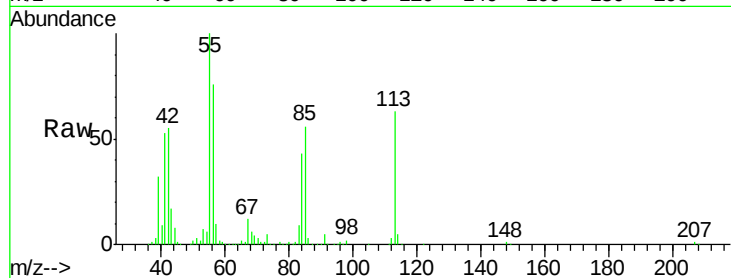
56 119.4 102.3 142.3

Manual Integrations

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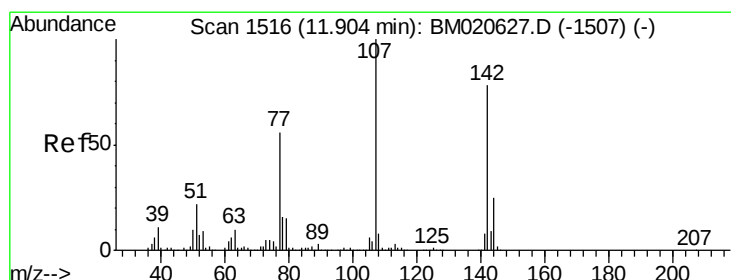
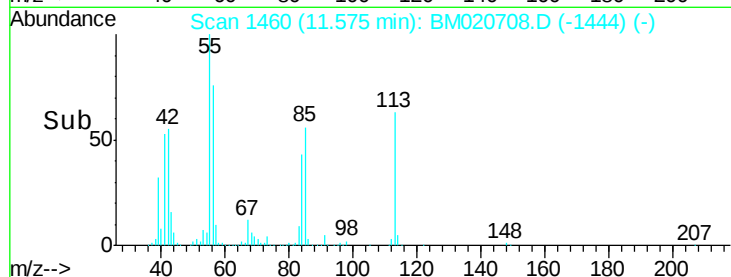
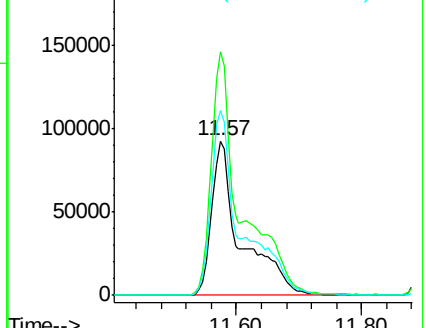
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.863 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

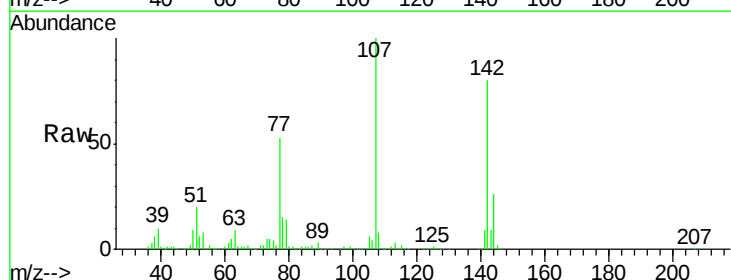
Tgt Ion:107 Resp: 1103380

Ion Ratio Lower Upper

107 100

144 25.8 20.3 30.5

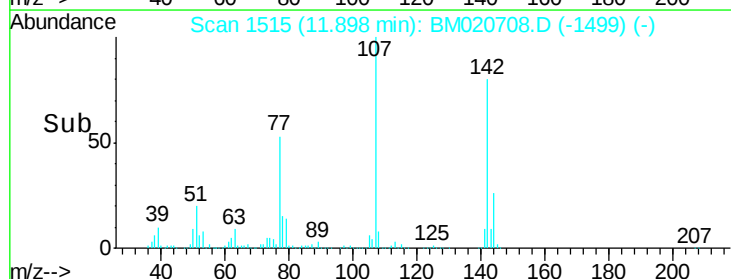
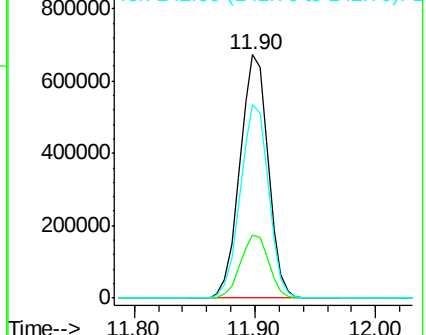
142 79.8 62.6 93.8

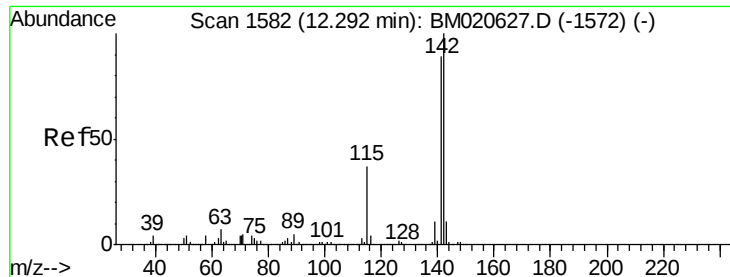


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





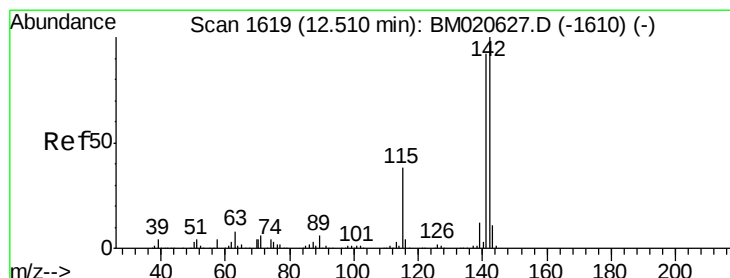
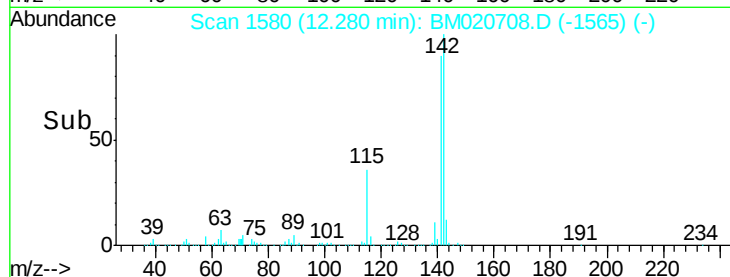
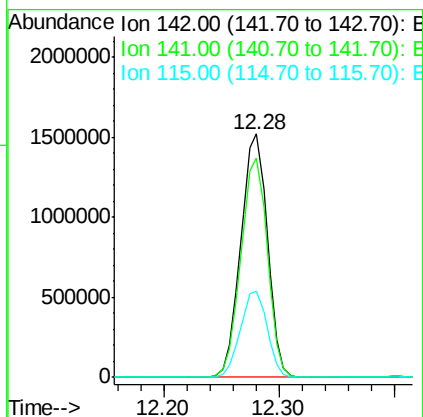
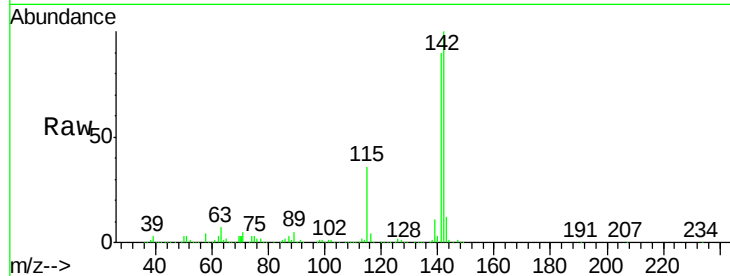
#37
2-Methylnaphthalene
Concen: 43.032 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.6	107.4
115	35.6	29.6	44.4

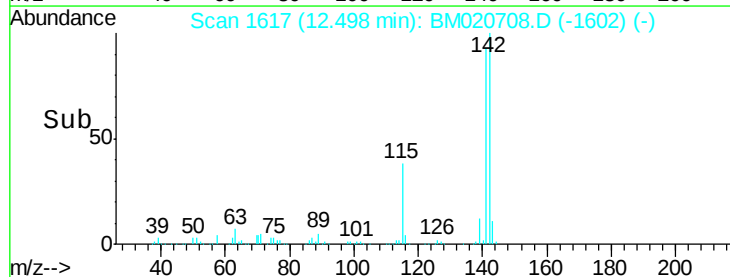
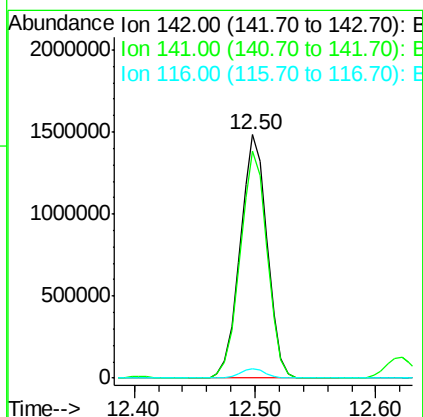
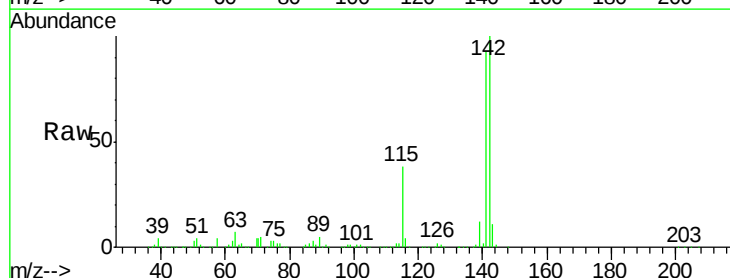
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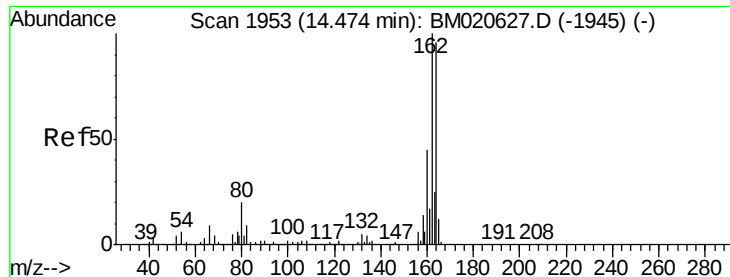
mohammad
6/5/2019 3:41:30 PM



#38
1-Methylnaphthalene
Concen: 42.751 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.9	110.9
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

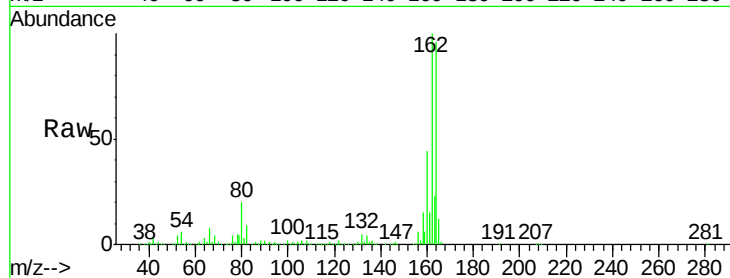
ClientSampleId :

PB120211BS

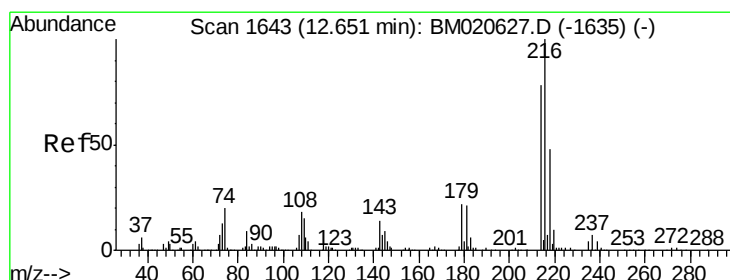
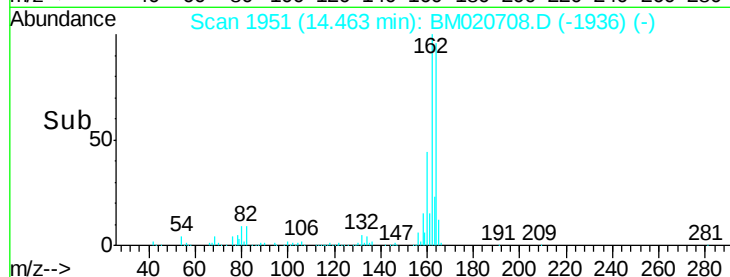
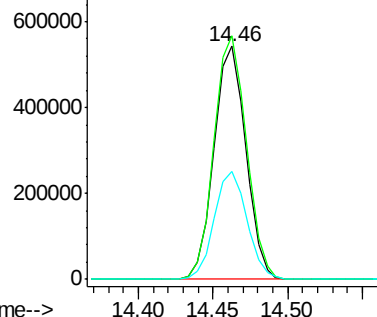
Tgt Ion:	164	Resp:	801159
Ion Ratio	Lower	Upper	
164	100		
162	104.5	83.2	124.8
160	46.4	37.5	56.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.726 ng

RT: 12.65 min Scan# 1642

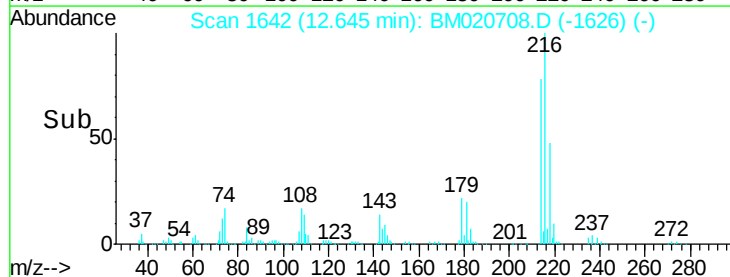
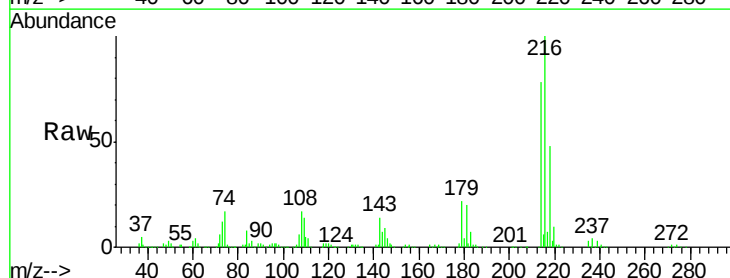
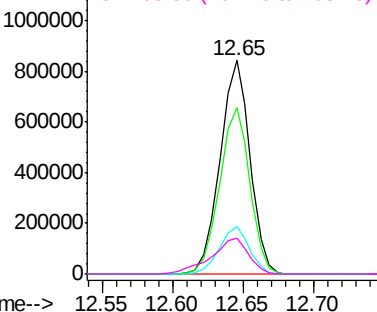
Delta R.T. -0.01 min

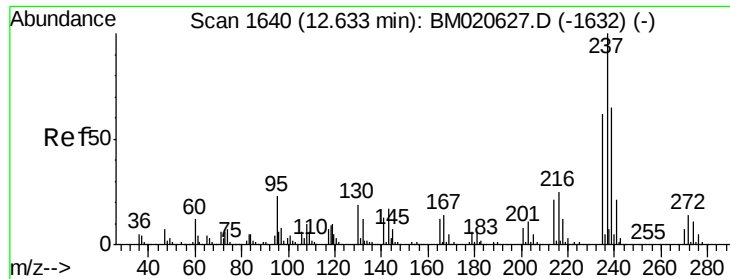
Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	216	Resp:	1253037
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	21.9	17.9	26.9
108	20.9	16.2	24.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





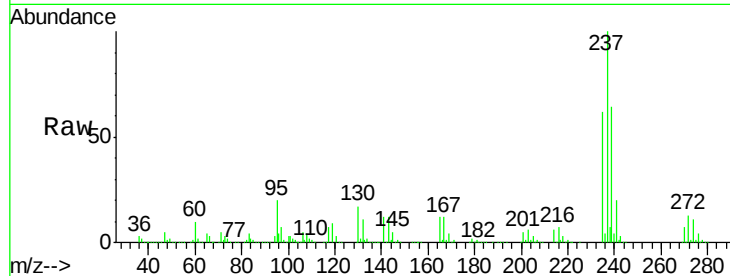
#41
Hexachlorocyclopentadiene
Concen: 102.170 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

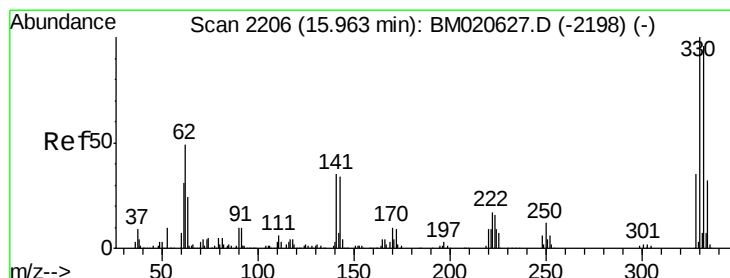
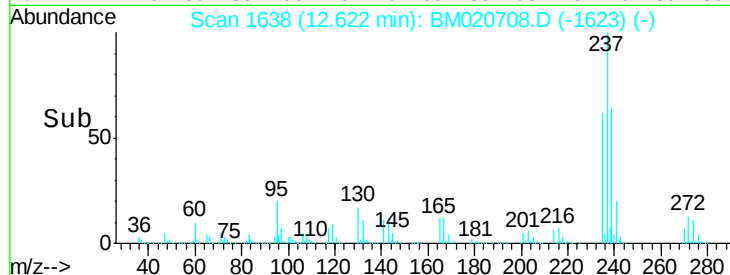
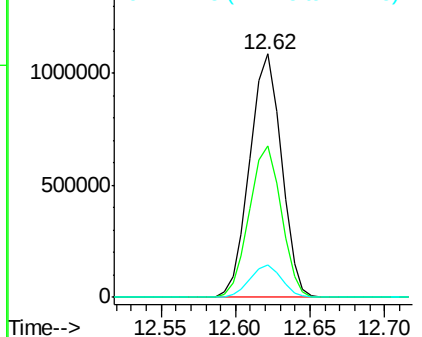
Tgt Ion: 237 Resp: 1604299
Ion Ratio Lower Upper
237 100
235 62.1 42.1 82.1
272 13.3 0.0 33.5

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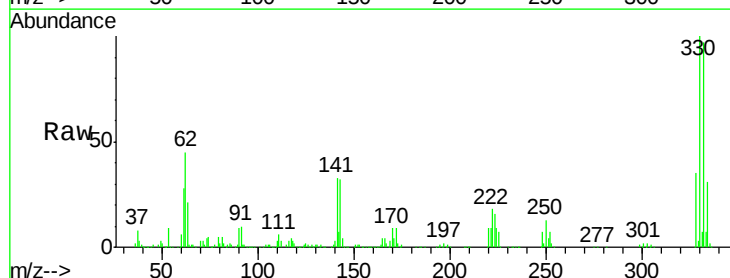


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

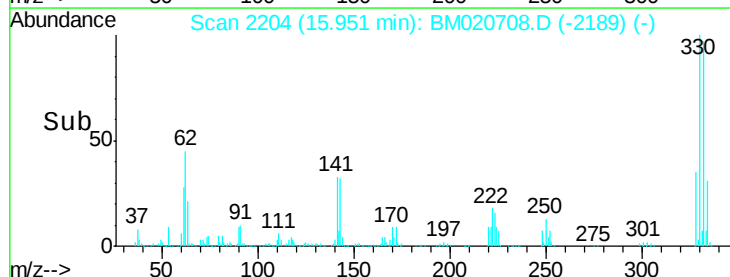
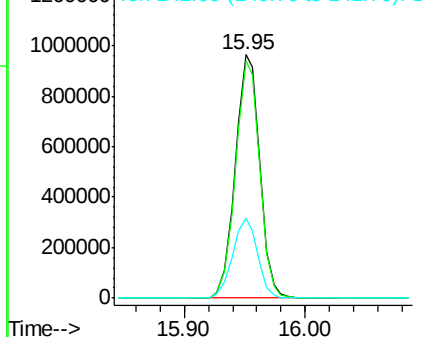


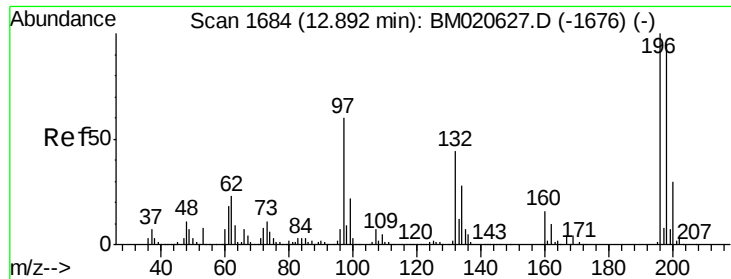
#42
2,4,6-Tribromophenol
Concen: 137.031 ng
RT: 15.95 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion: 330 Resp: 1360208
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 33.5 30.4 45.6



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





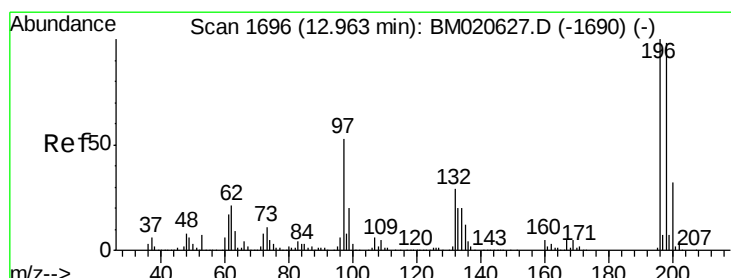
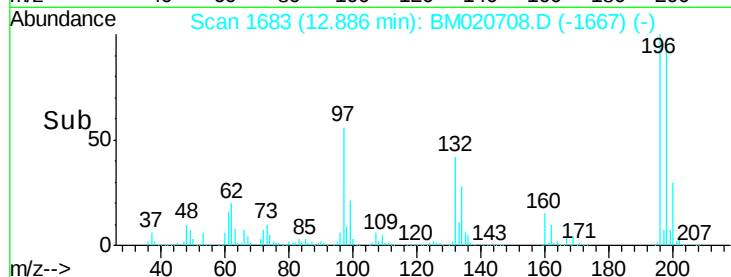
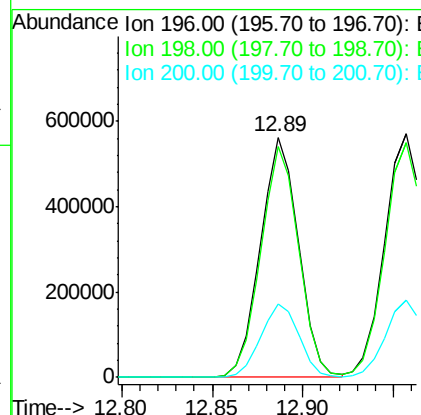
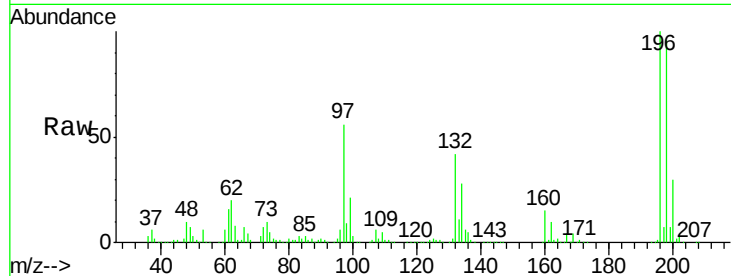
#43
 2,4,6-Trichlorophenol
 Concen: 48.433 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	818506		
198	96.5	75.7	113.5	
200	30.4	23.9	35.9	

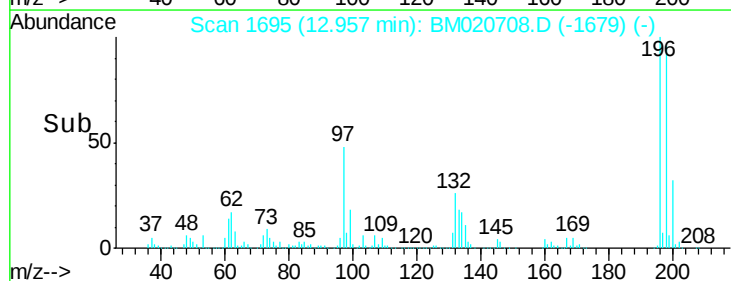
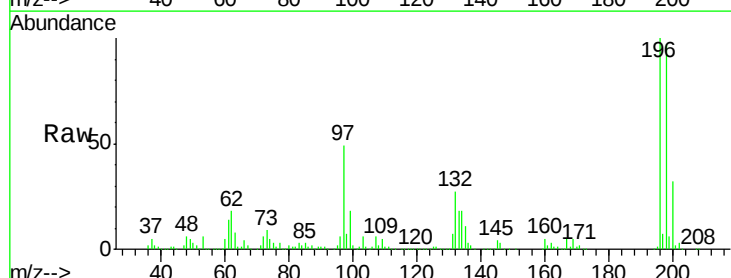
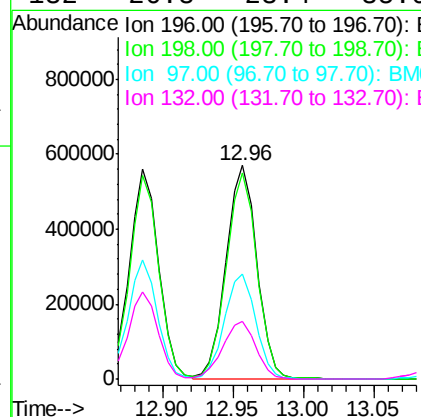
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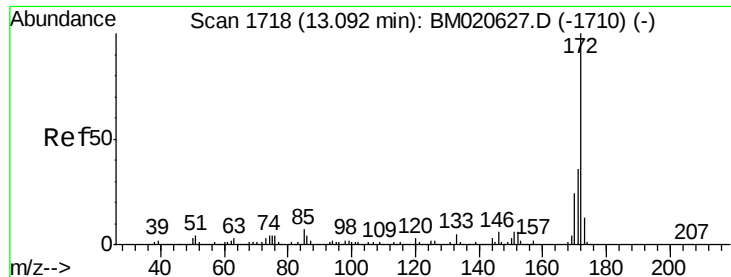
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.343 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	860898		
198	96.5	78.6	117.8	
97	49.2	42.7	64.1	
132	26.8	23.4	35.0	





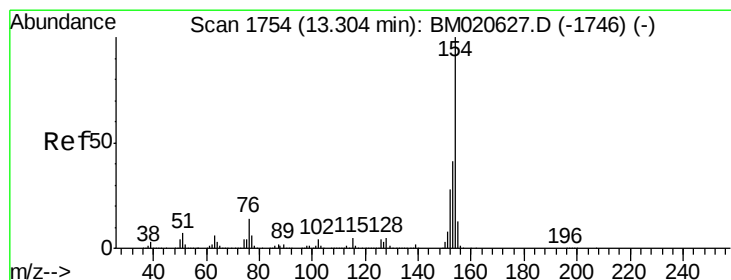
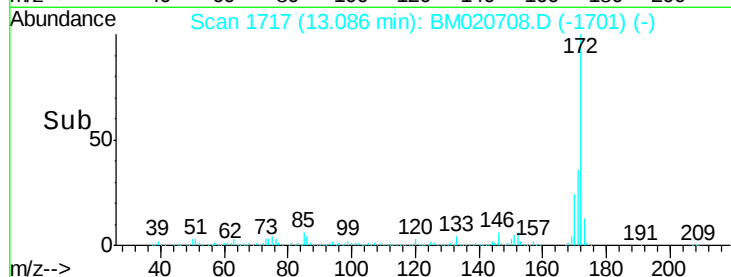
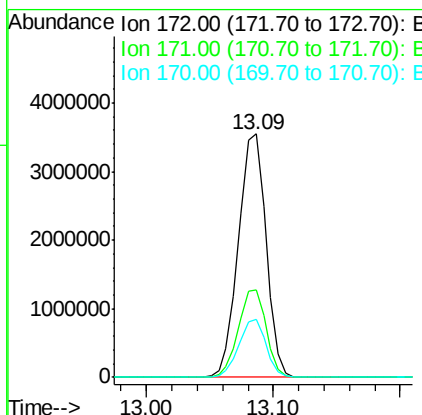
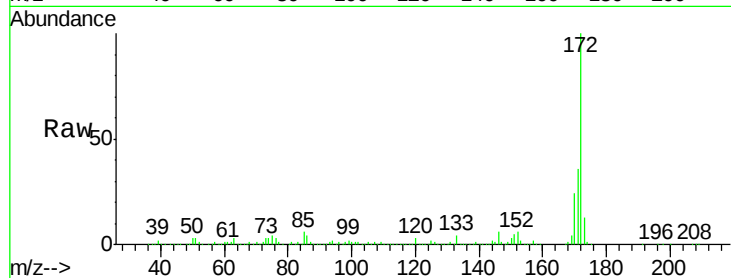
#45
 2-Fluorobiphenyl
 Concen: 89.003 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.7	18.9	28.3

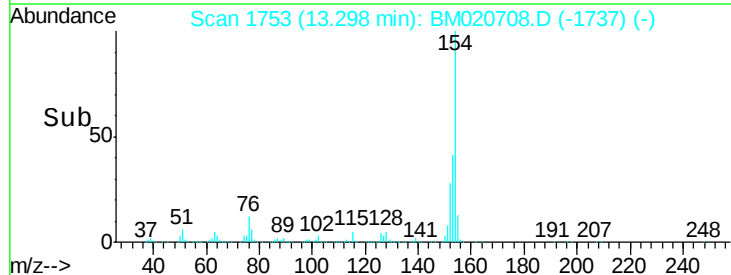
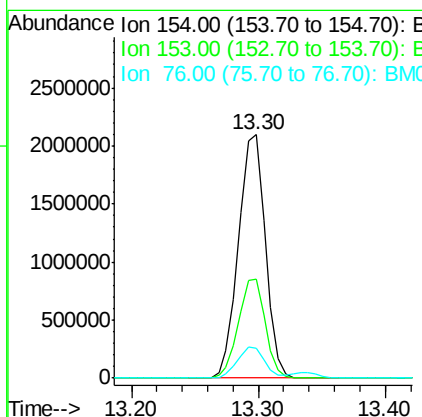
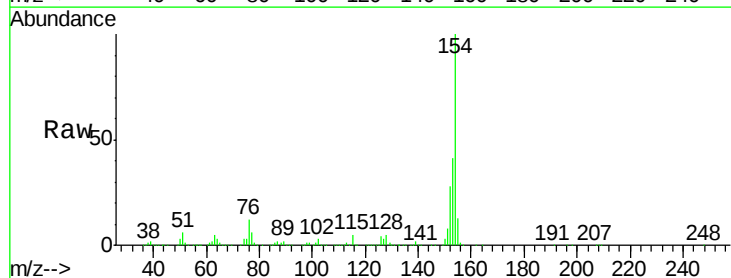
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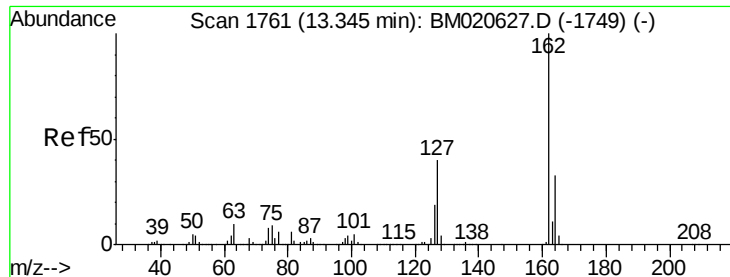
mohammad
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#46
 1,1'-Biphenyl
 Concen: 46.019 ng
 RT: 13.30 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.1	0.0	34.0





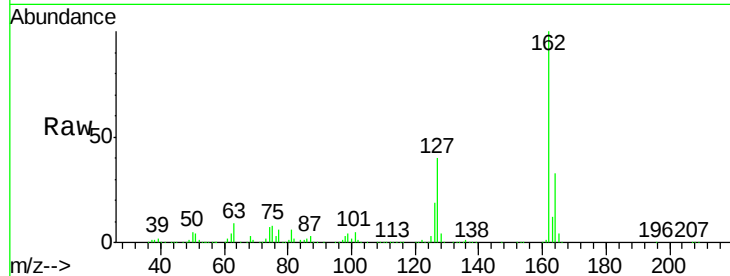
#47
2-Chloronaphthalene
Concen: 43.597 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.1	48.1
164	32.6	26.6	39.8

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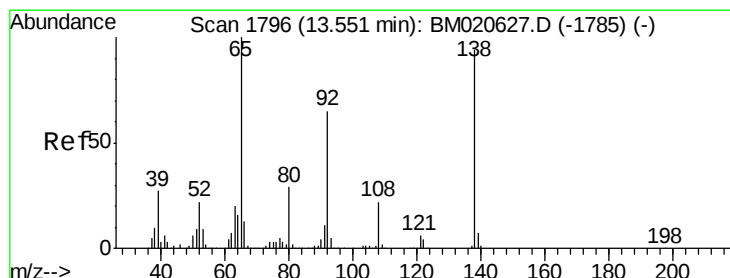
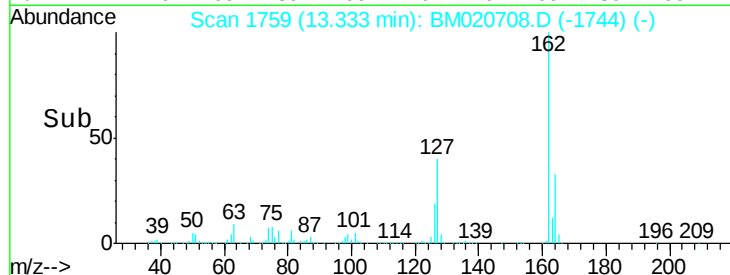
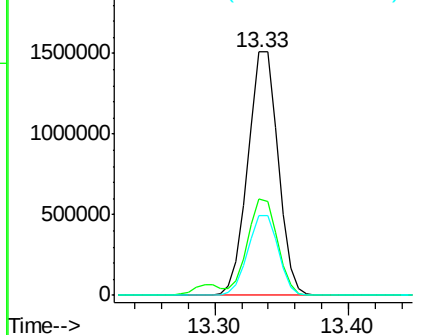


Abundance

Ion 162.00 (161.70 to 162.70): E

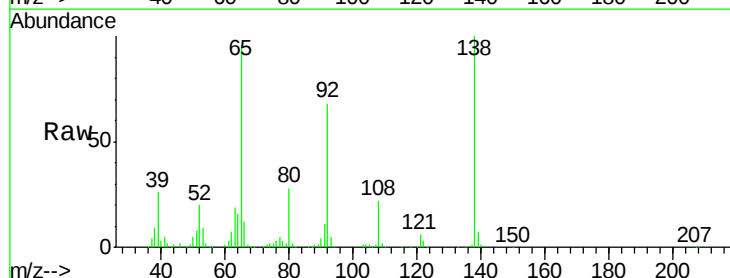
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.477 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	52.2	78.4
138	104.3	75.4	113.0

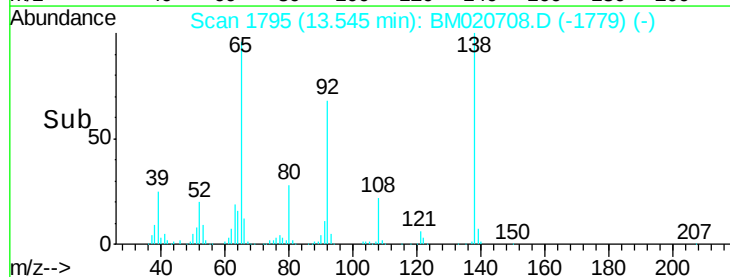
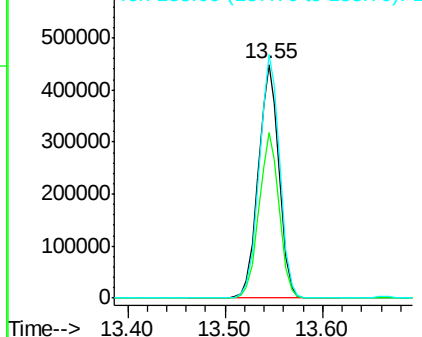


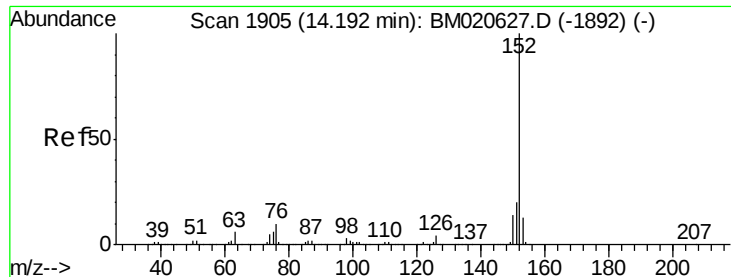
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.149 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion:152 Resp: 3720038

Ion Ratio Lower Upper

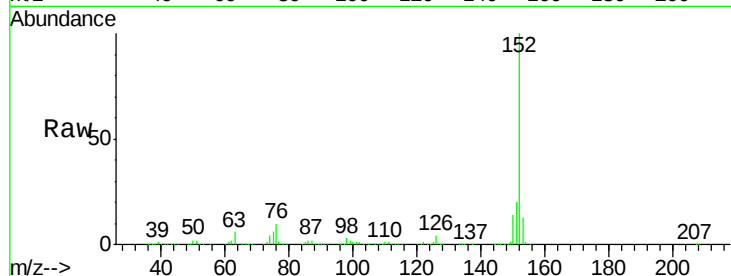
152 100

151 20.1 16.2 24.2

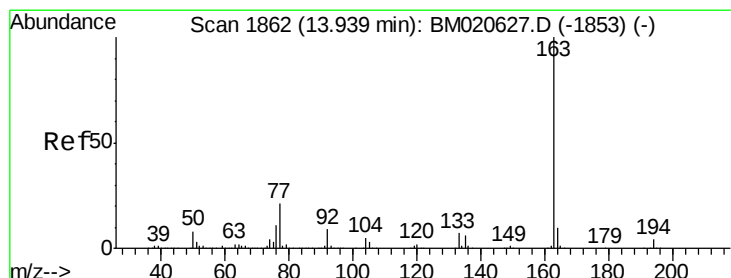
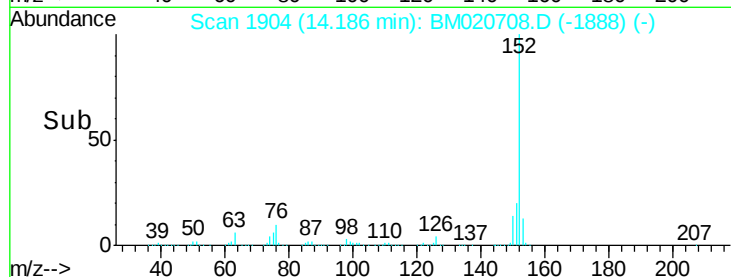
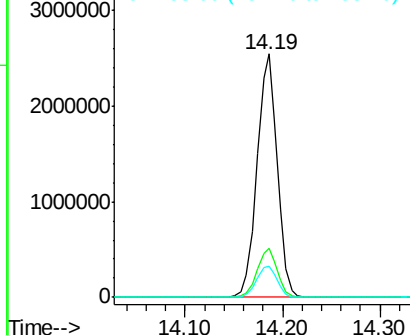
153 12.9 10.6 15.8

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



#50

Dimethylphthalate

Concen: 41.420 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

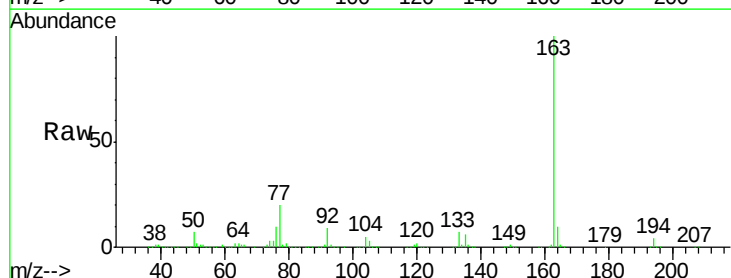
Tgt Ion:163 Resp: 2835110

Ion Ratio Lower Upper

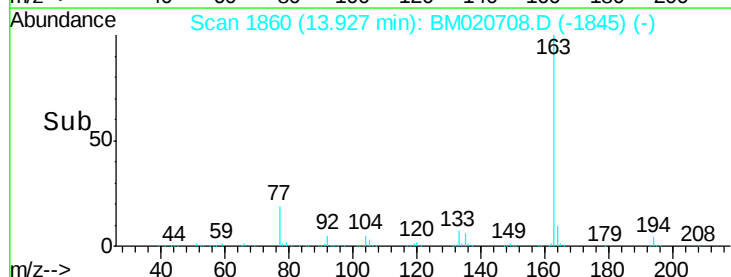
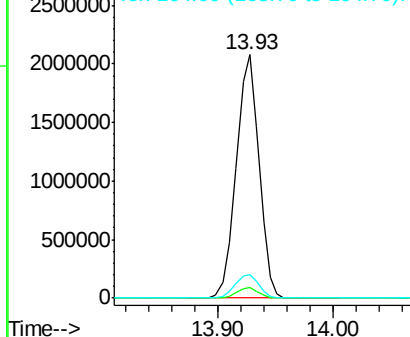
163 100

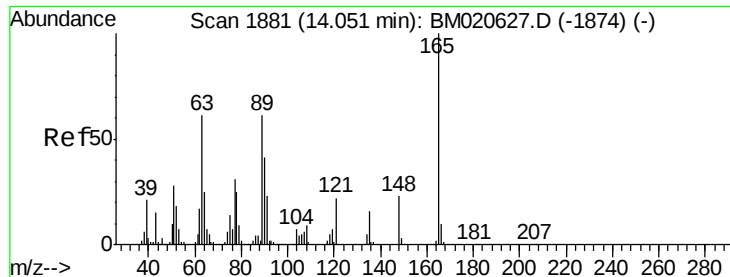
194 4.1 3.2 4.8

164 9.8 7.9 11.9



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





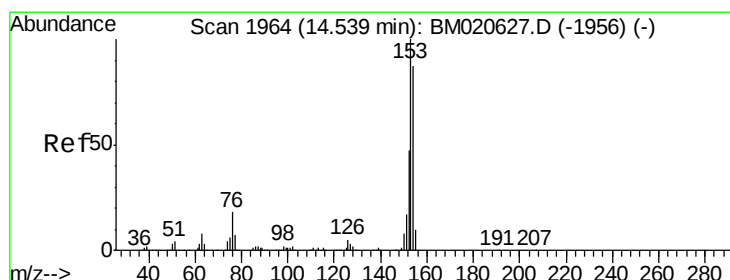
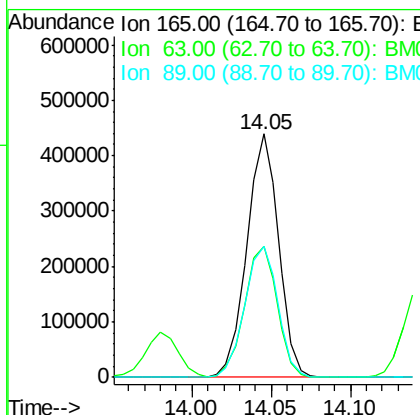
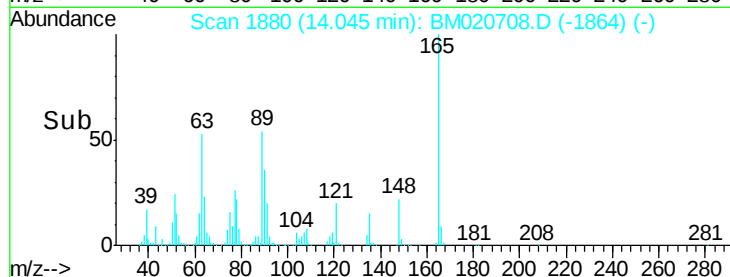
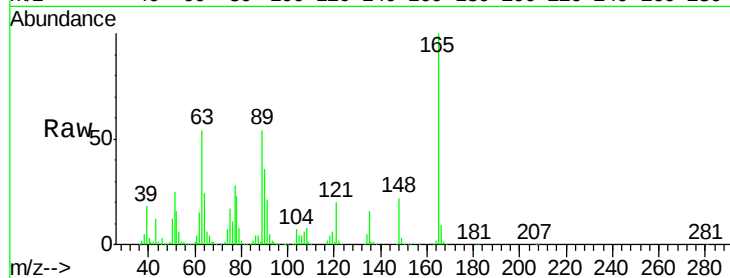
#51
2,6-Dinitrotoluene
Concen: 43.880 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	609846		
63	53.8	50.4	75.6	
89	53.6	49.1	73.7	

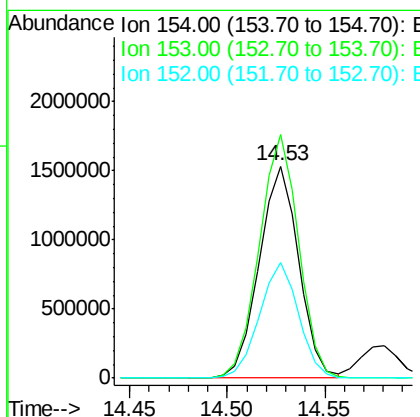
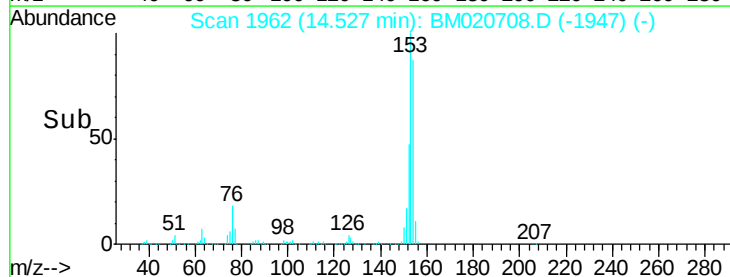
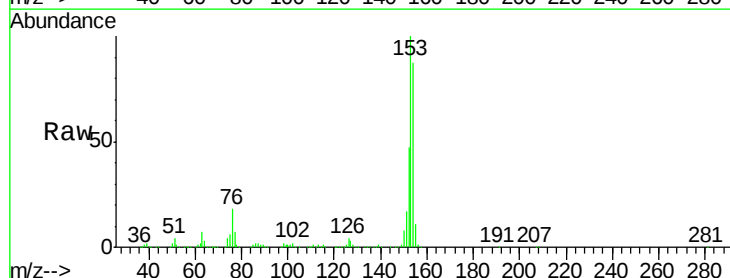
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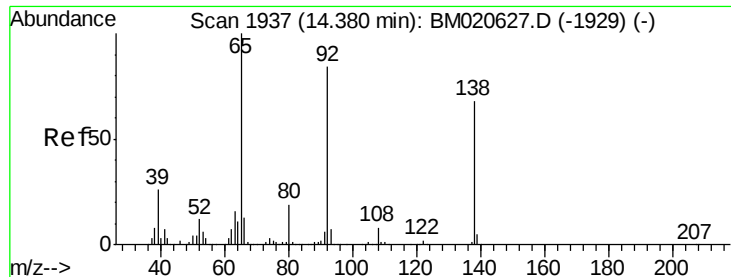
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6/5/2019 3:41:30 PM



#52
Acenaphthene
Concen: 42.743 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2146306		
153	114.9	92.4	138.6	
152	54.3	43.4	65.0	





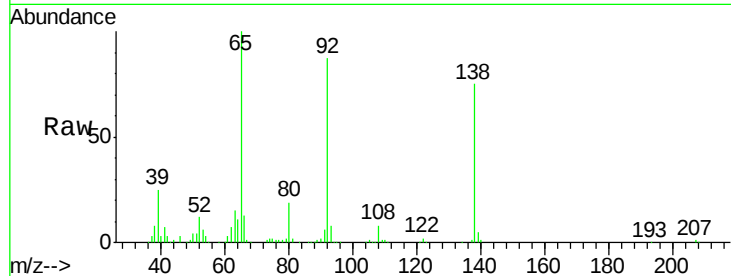
#53
3-Nitroaniline
Concen: 23.208 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

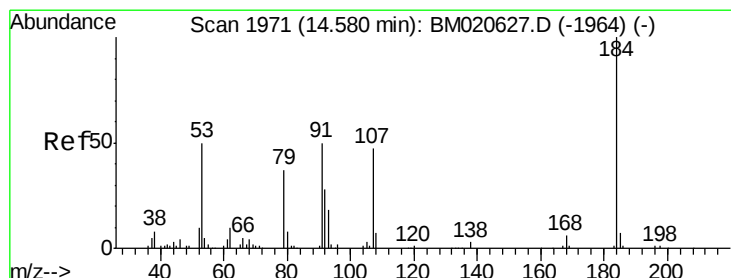
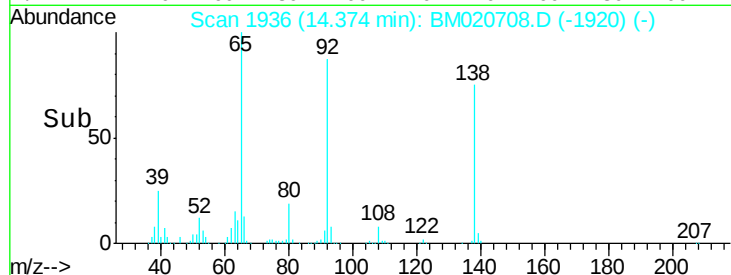
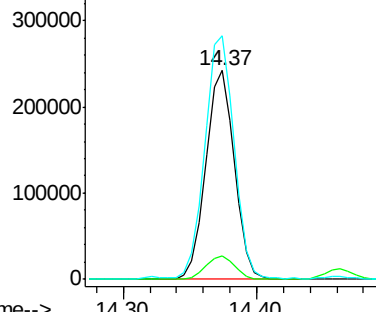
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	360026		
108	11.3	9.5	14.3	
92	116.6	99.6	149.4	

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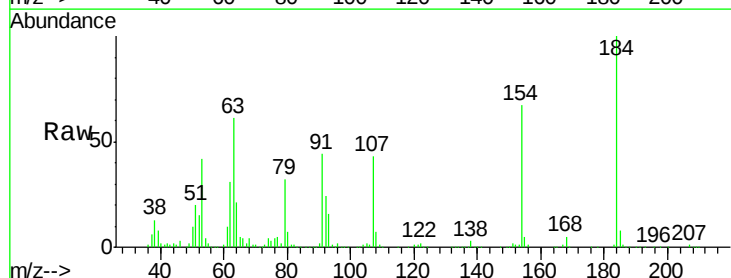


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

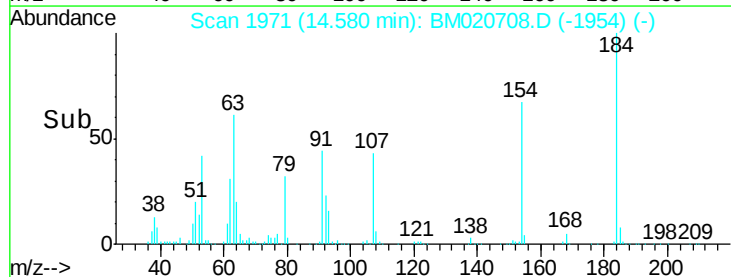
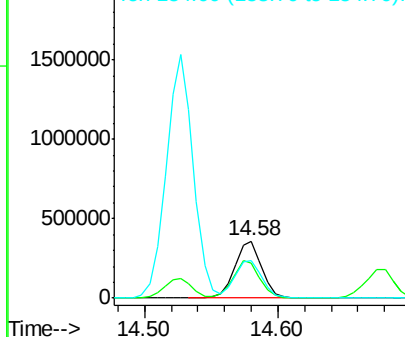


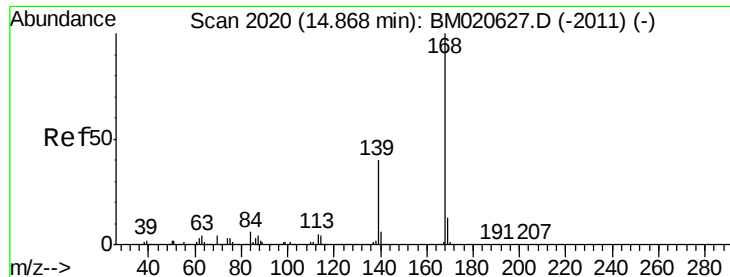
#54
2,4-Dinitrophenol
Concen: 83.596 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	501971		
63	61.3	59.3	88.9	
154	66.9	56.5	84.7	



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





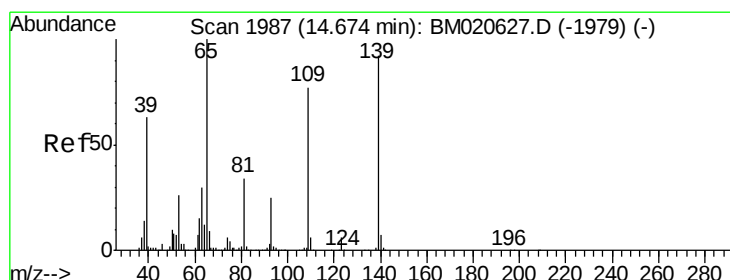
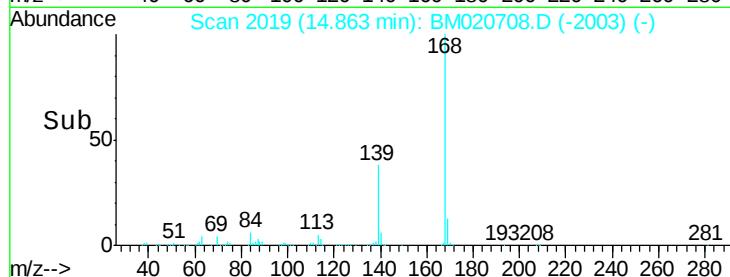
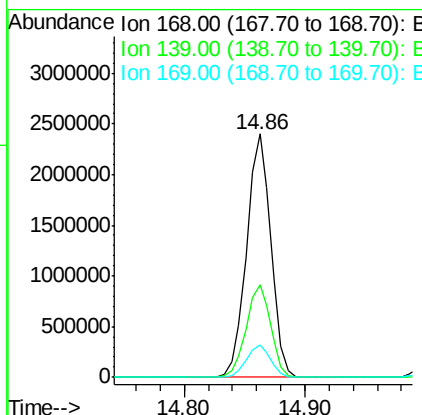
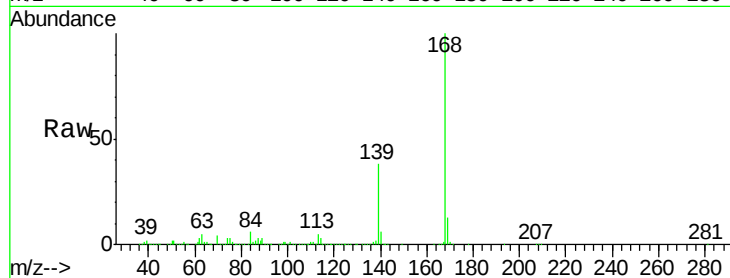
#55
Dibenzenofuran
Concen: 43.067 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.9	47.9
169	13.2	10.7	16.1

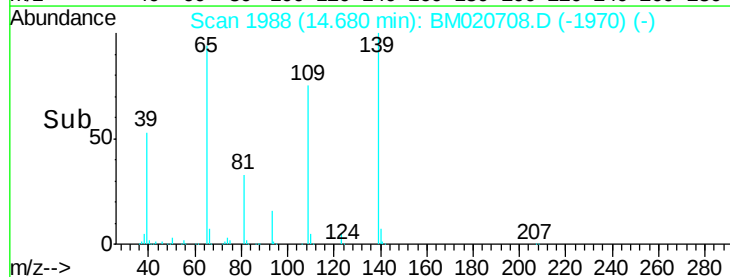
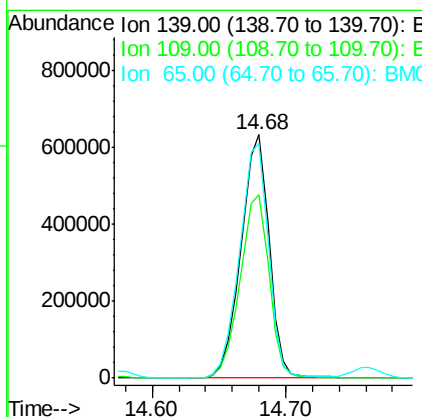
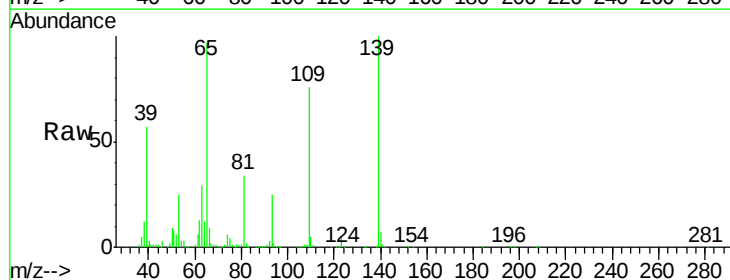
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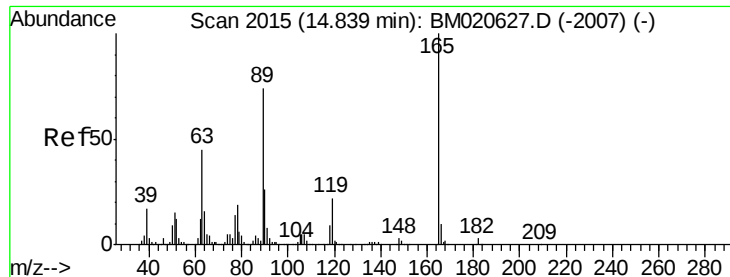
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#56
4-Nitrophenol
Concen: 80.666 ng
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	62.7	102.7
65	96.5	88.3	128.3





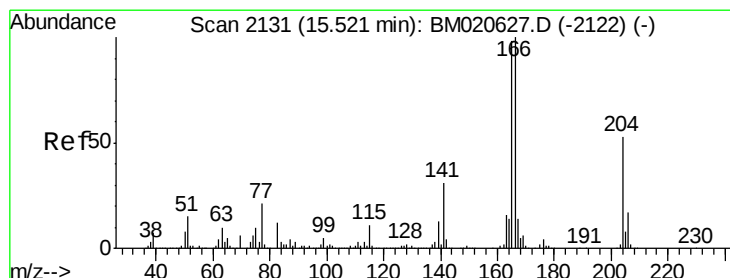
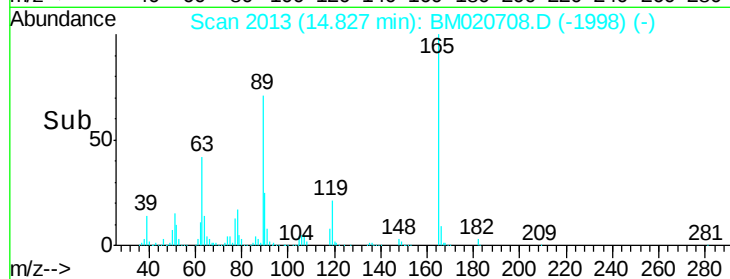
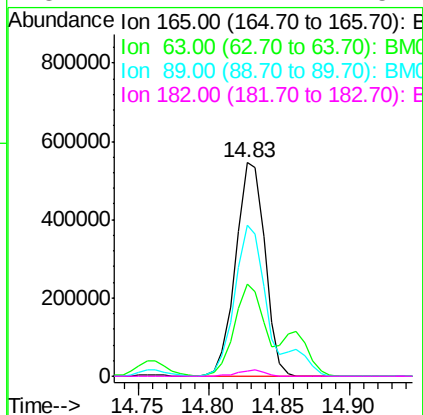
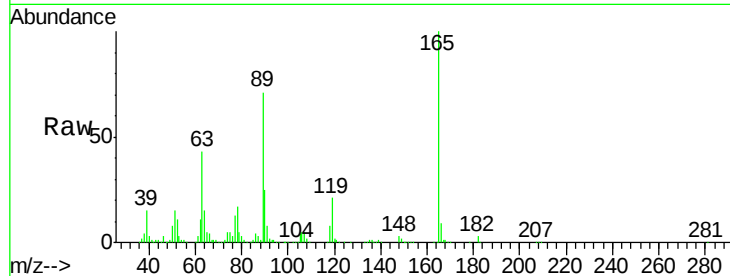
#57
2,4-Dinitrotoluene
Concen: 42.493 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	790753		
63	43.0	36.3	54.5	
89	70.8	59.0	88.6	
182	2.7	2.2	3.4	

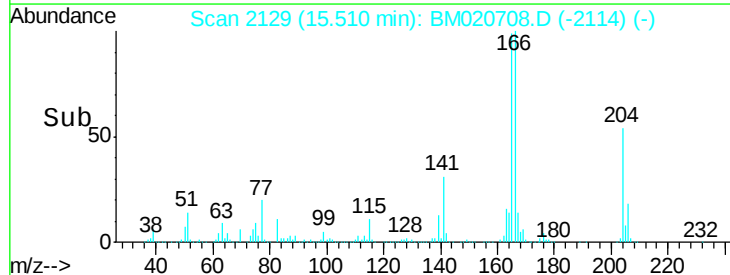
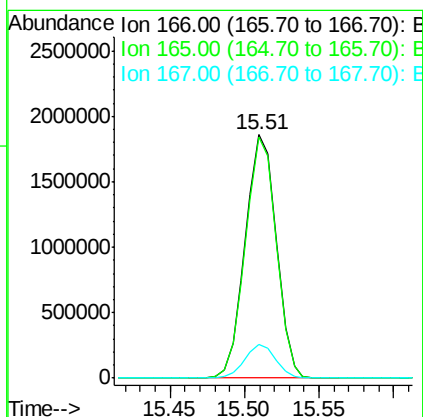
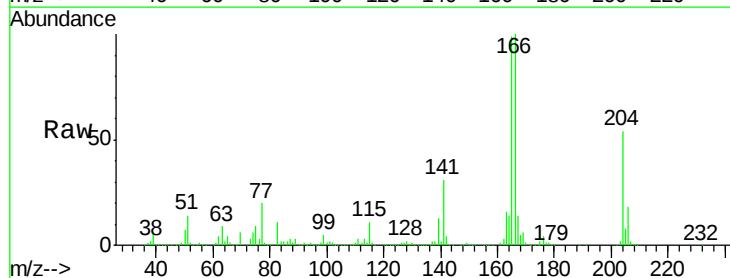
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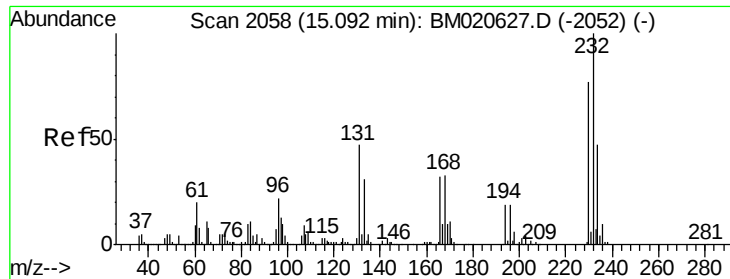
mohammad
6/5/2019 3:41:30 PM



#58
Fluorene
Concen: 41.736 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2676710		
165	98.8	78.6	117.8	
167	13.6	11.0	16.4	





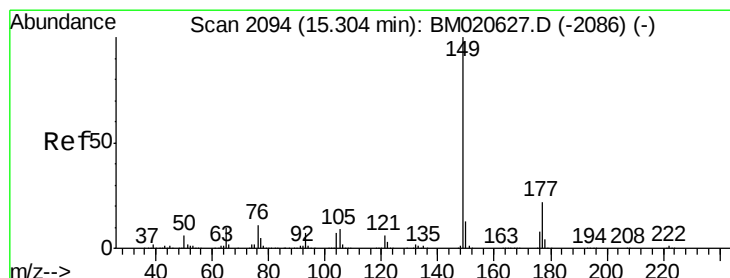
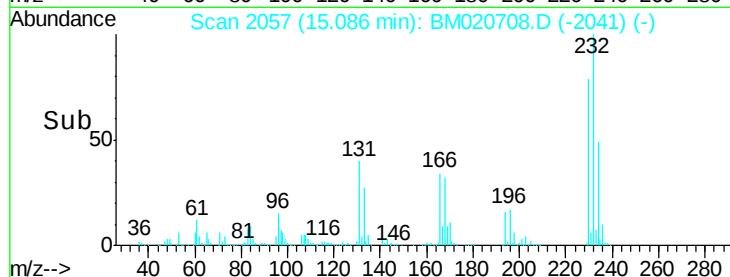
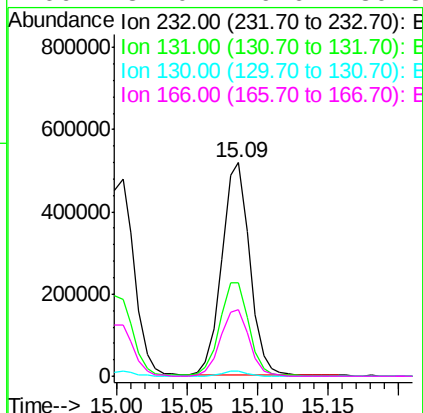
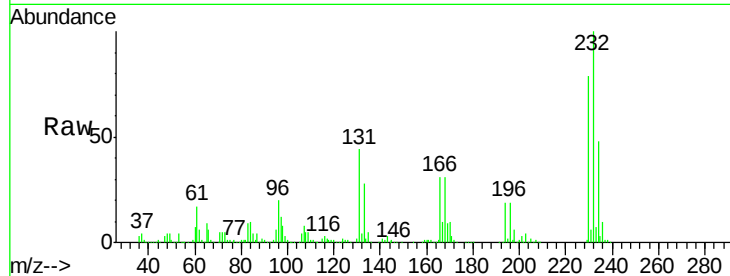
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.923 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	713377		
131	45.6	38.6	57.8	
130	2.5	2.2	3.2	
166	32.0	26.6	39.8	

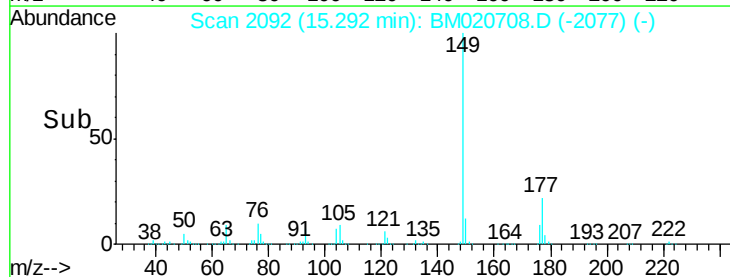
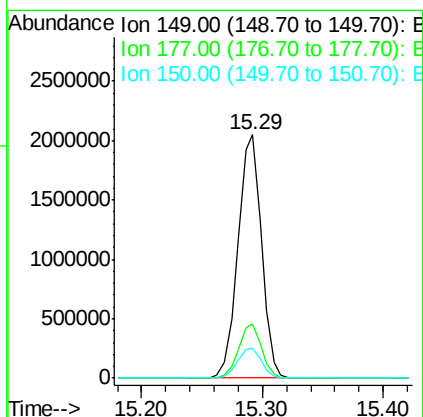
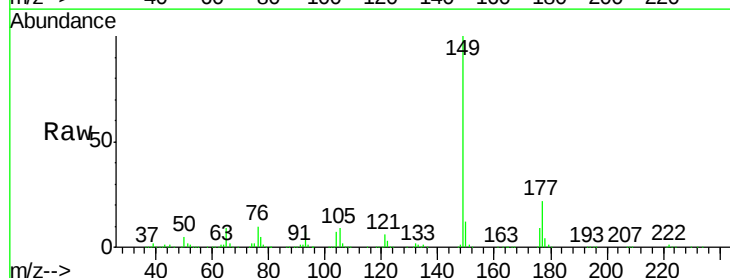
Manual Integrations
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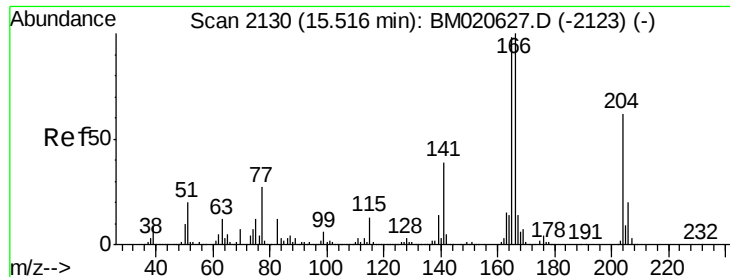
mohammad
6/5/2019 3:41:30 PM



#60
Diethylphthalate
Concen: 39.440 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2784217		
177	22.1	17.2	25.8	
150	12.3	10.1	15.1	





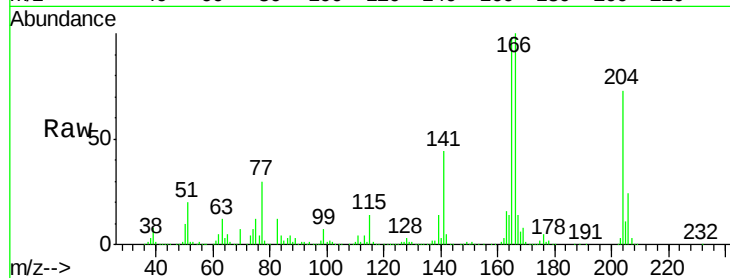
#61
 4-Chlorophenyl-phenylether
 Concen: 41.718 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

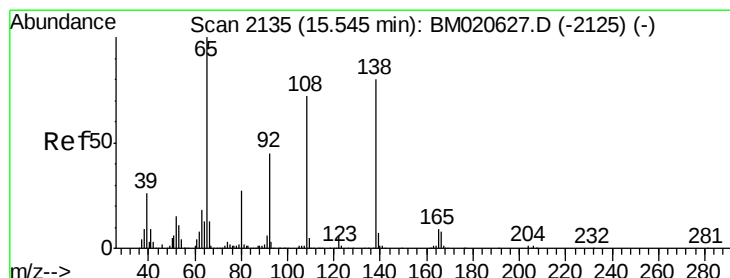
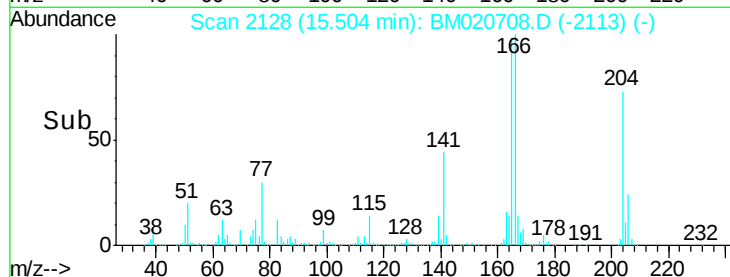
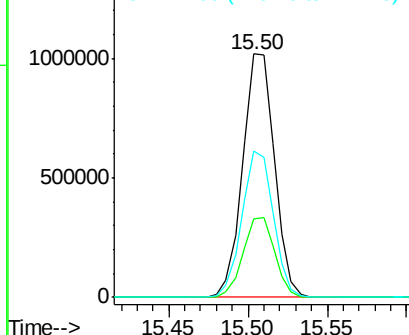
Tgt Ion:204 Resp: 1416640
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.8 38.8
 141 59.9 50.2 75.4

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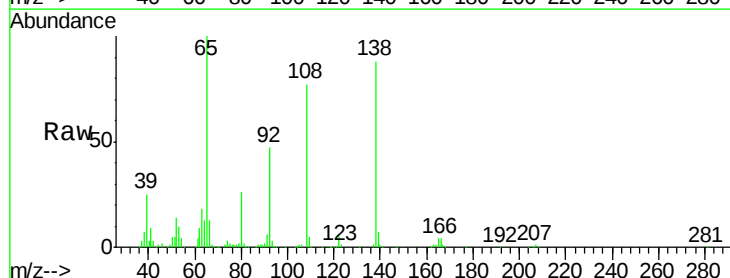


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

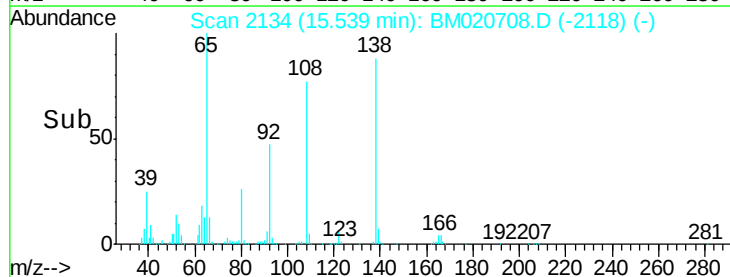
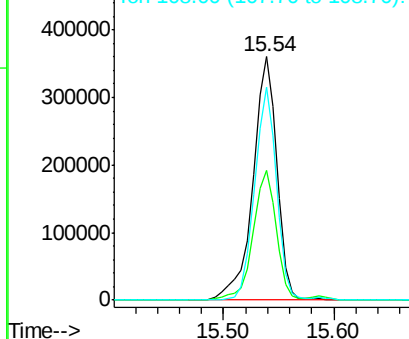


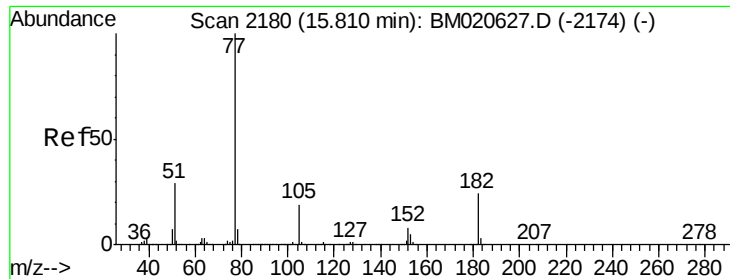
#62
 4-Nitroaniline
 Concen: 33.541 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion:138 Resp: 551825
 Ion Ratio Lower Upper
 138 100
 92 53.5 36.7 76.7
 108 87.3 70.3 110.3



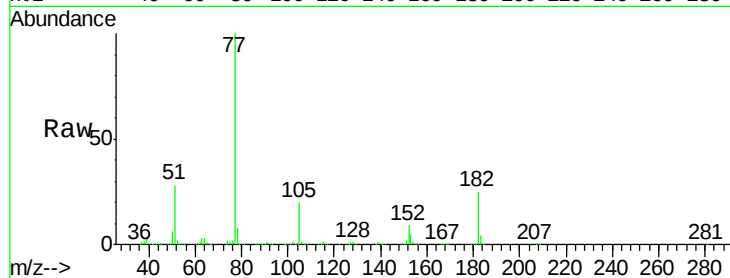
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM
 Ion 108.00 (107.70 to 108.70): E





#63
Azobenzene
Concen: 38.537 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

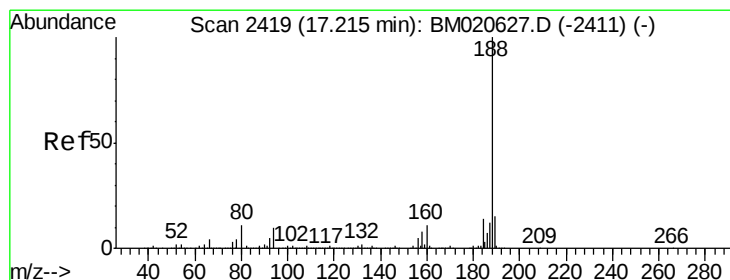
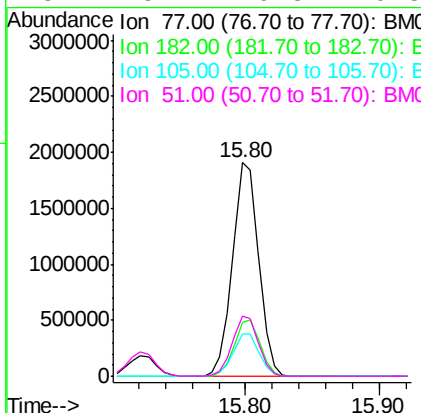
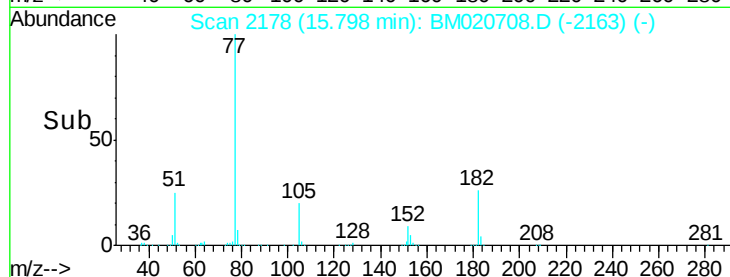
Instrument :
BNA_M
ClientSampleId :
PB120211BS



Tgt Ion: 77 Resp: 2608104
Ion Ratio Lower Upper
77 100
182 25.0 3.6 43.6
105 19.7 0.0 39.4
51 28.4 9.5 49.5

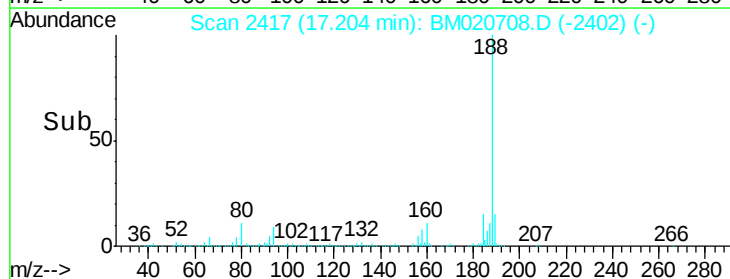
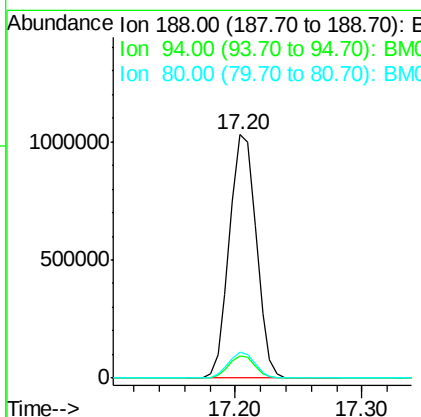
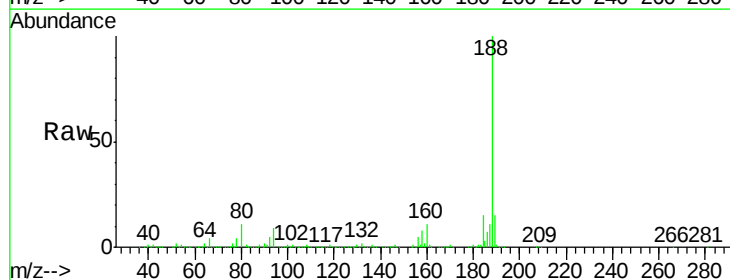
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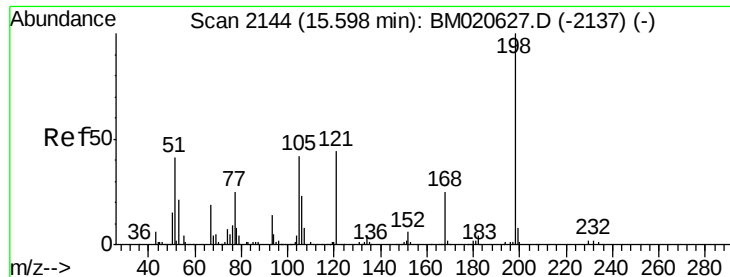
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion: 188 Resp: 1507995
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 10.7 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.378 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion:198 Resp: 307313

Ion Ratio Lower Upper

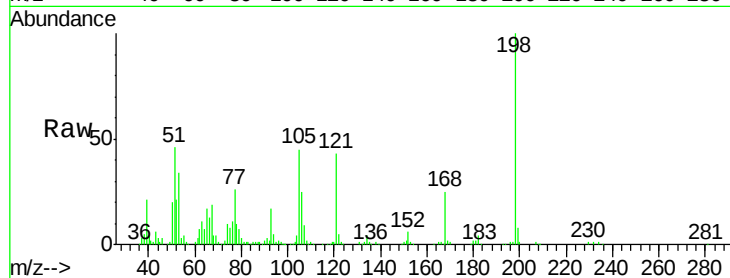
198 100

51 46.1 27.7 67.7

105 44.6 23.8 63.8

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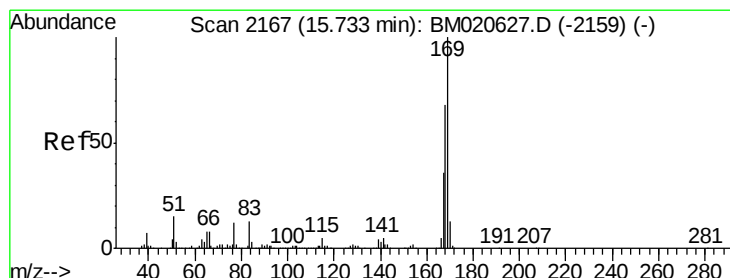
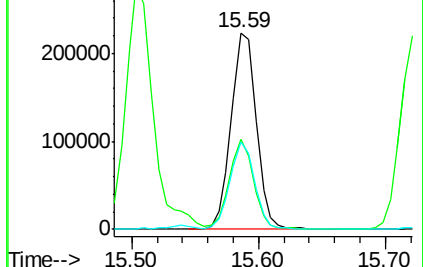
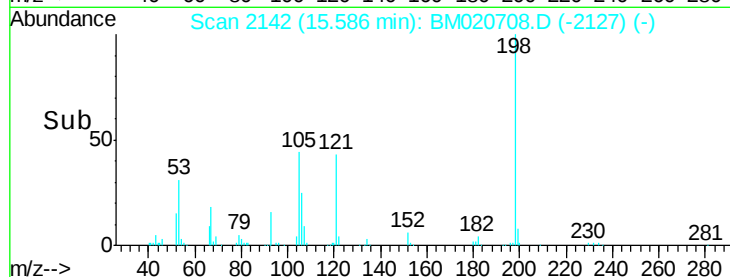
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.167 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

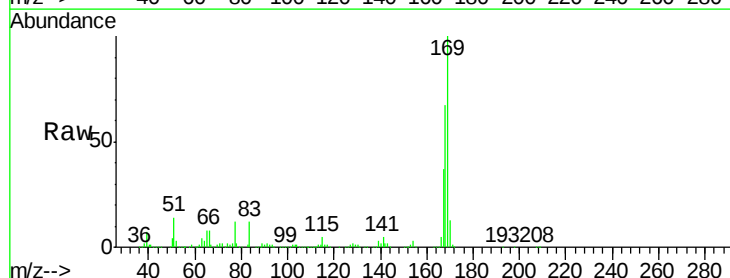
Tgt Ion:169 Resp: 2276982

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.4

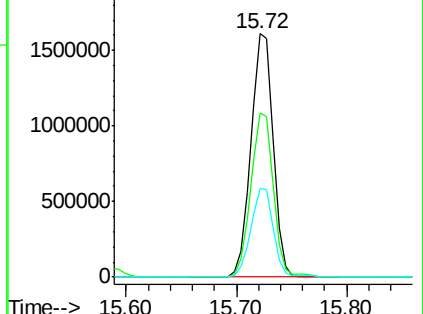
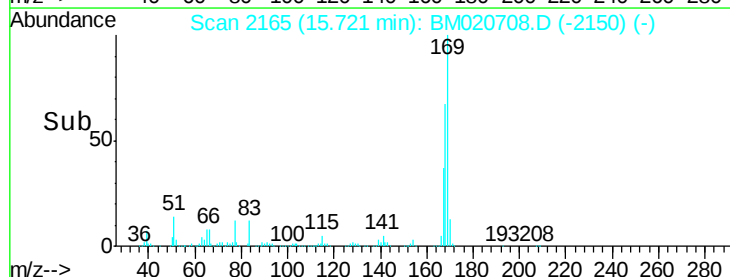
167 36.5 29.1 43.7

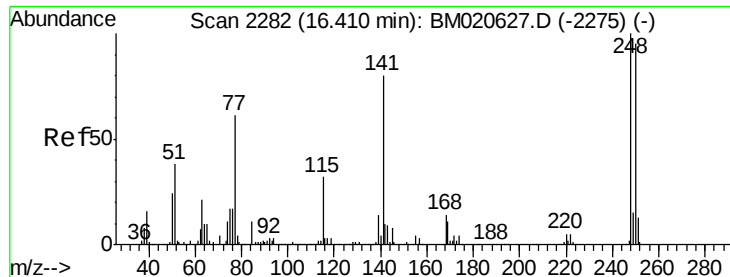


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





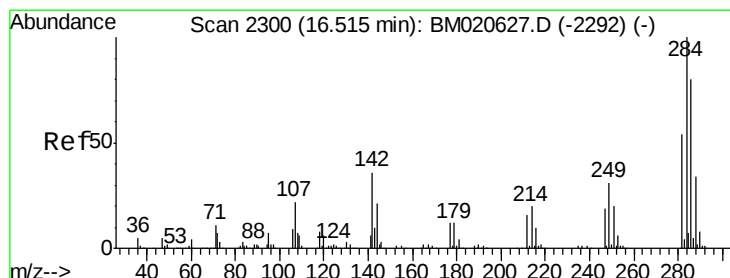
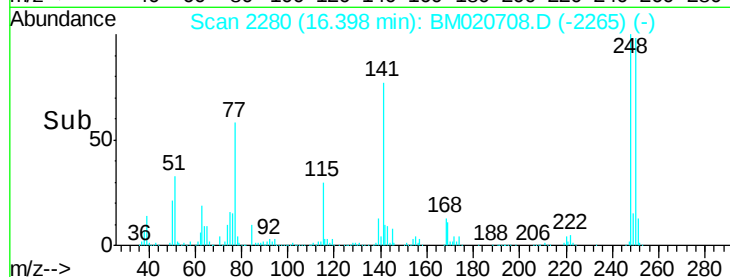
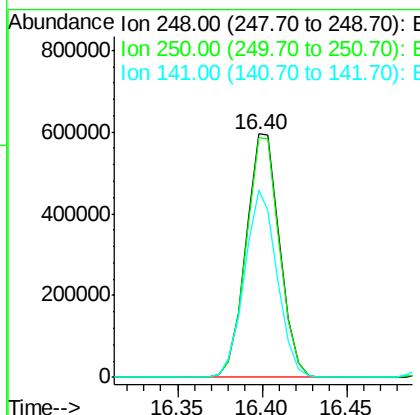
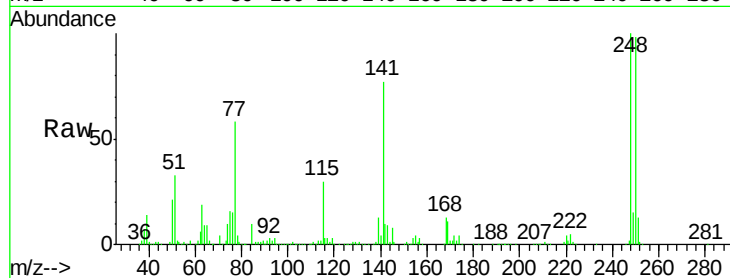
#67
 4-Bromophenyl-phenylether
 Concen: 46.221 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	76.3	114.5
141	76.8	64.2	96.2

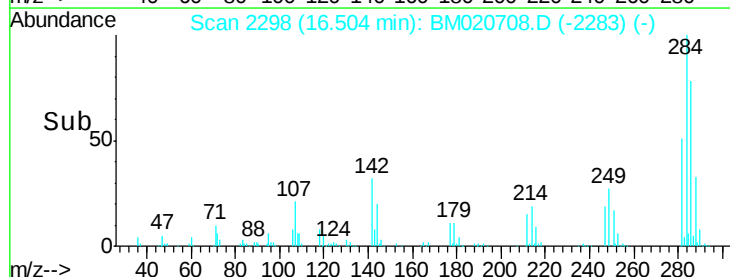
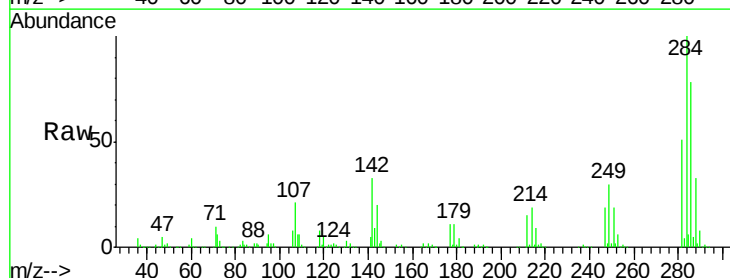
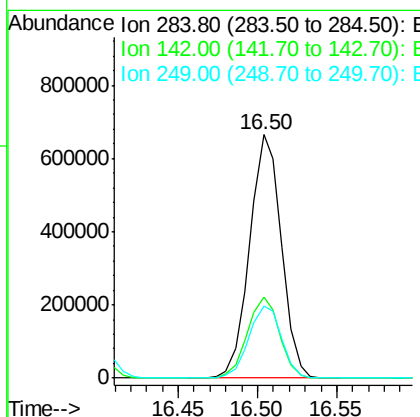
Manual Integrations
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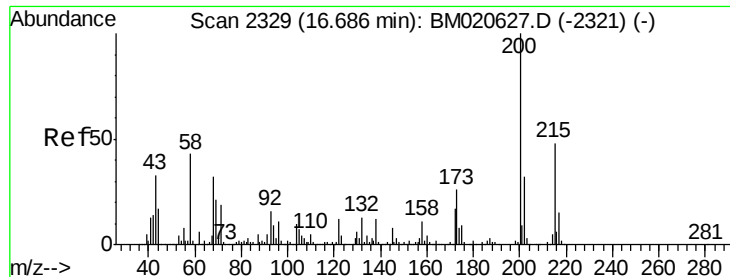
mohammad
 6/5/2019 3:41:30 PM



#68
 Hexachlorobenzene
 Concen: 44.641 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.6	42.8
249	29.8	25.0	37.4





#69

Atrazine

Concen: 49.826 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

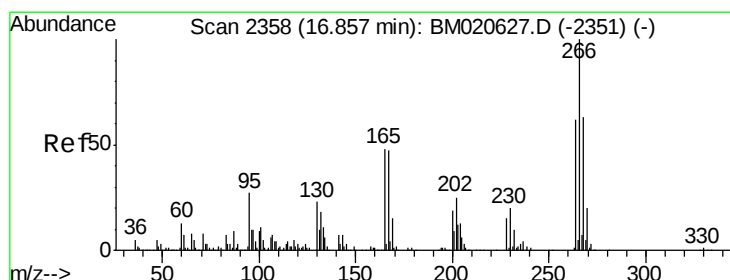
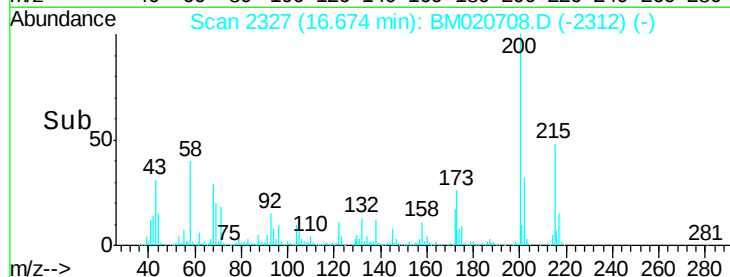
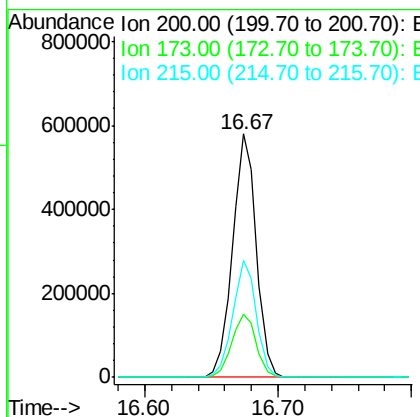
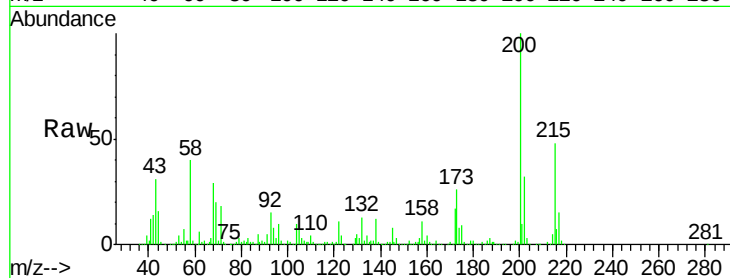
ClientSampleId :

PB120211BS

Tgt Ion:	200	Resp:	717887
Ion Ratio	Lower	Upper	
200	100		
173	25.8	6.2	46.2
215	48.2	27.7	67.7

Manual Integrations
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#70

Pentachlorophenol

Concen: 103.579 ng

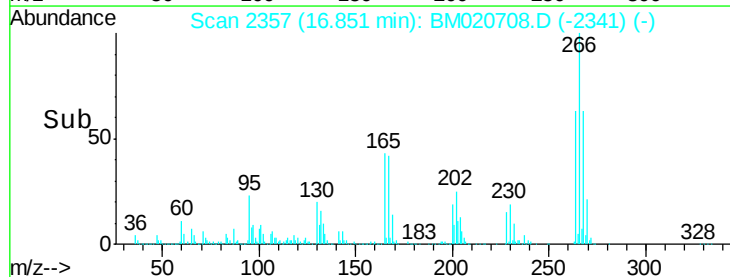
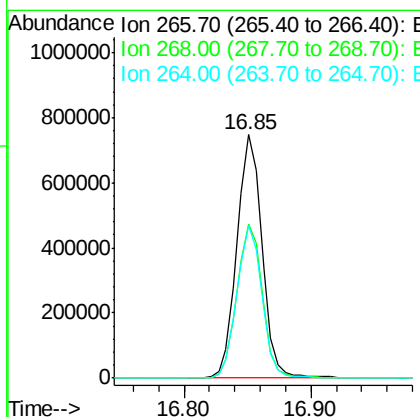
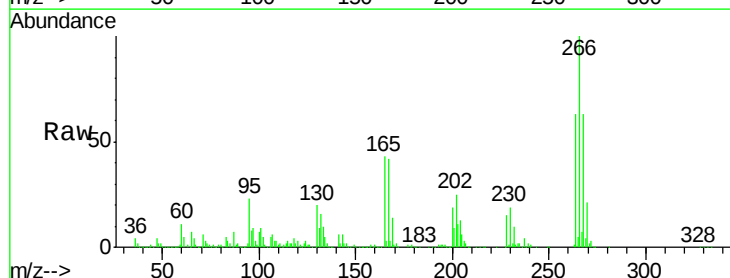
RT: 16.85 min Scan# 2357

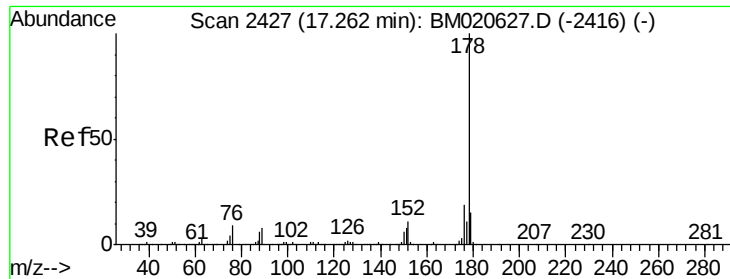
Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	266	Resp:	1024486
Ion Ratio	Lower	Upper	
266	100		
268	63.4	50.6	75.8
264	62.5	49.6	74.4





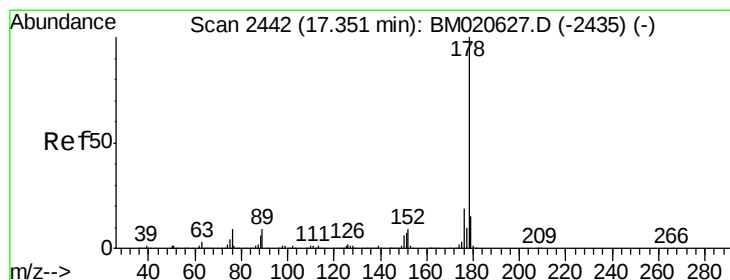
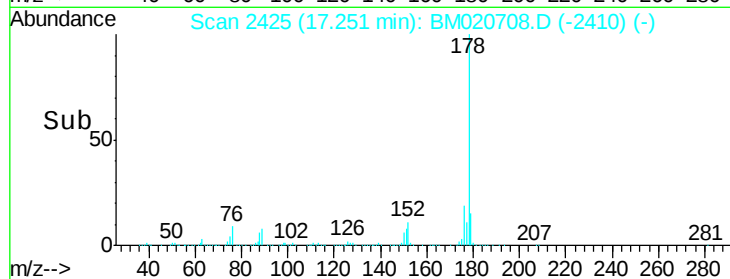
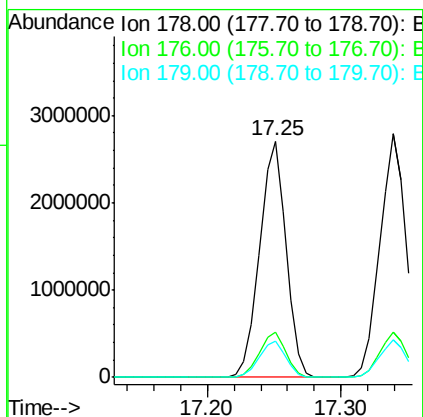
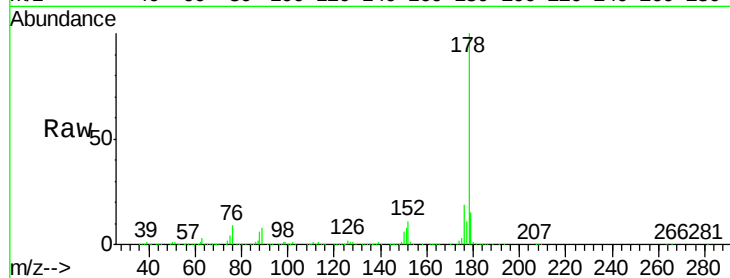
#71
Phenanthrene
Concen: 43.079 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion:178 Resp: 3682275
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.2 18.4

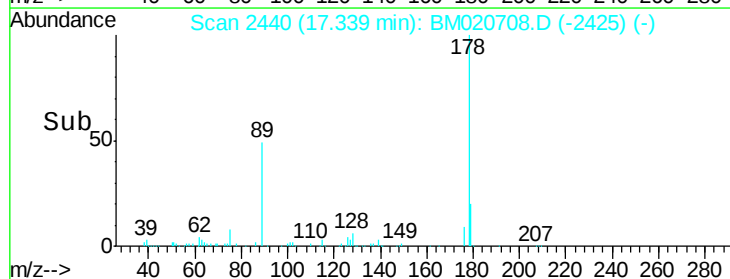
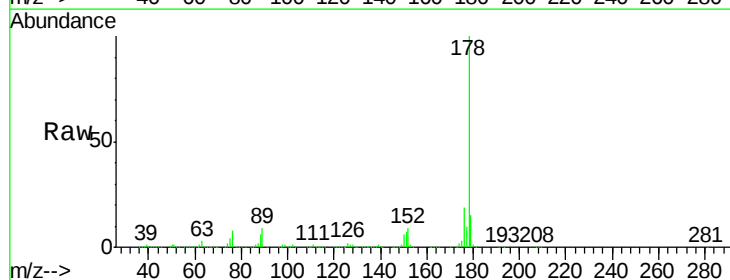
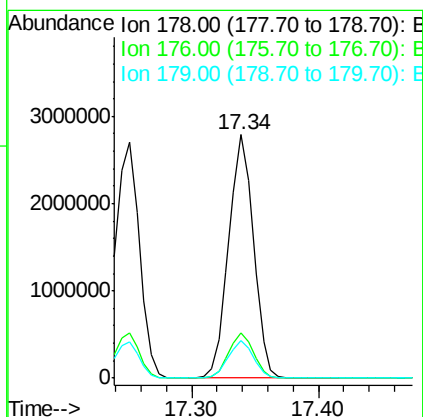
Manual Integrations
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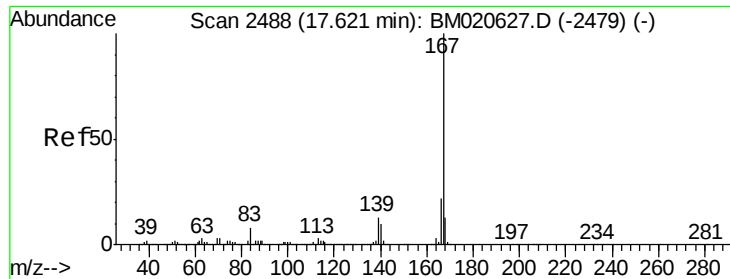
mohammad
6/5/2019 3:41:30 PM



#72
Anthracene
Concen: 44.158 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion:178 Resp: 3777814
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.3 18.5





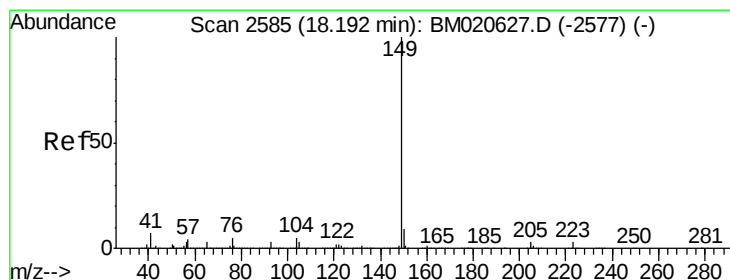
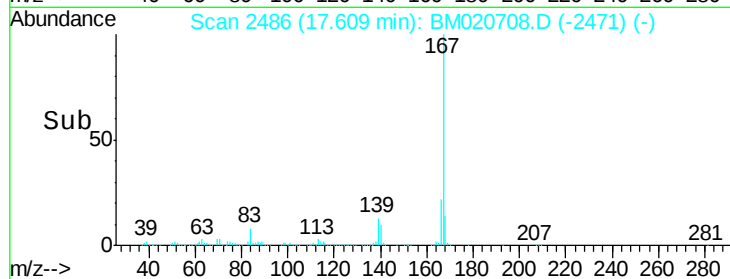
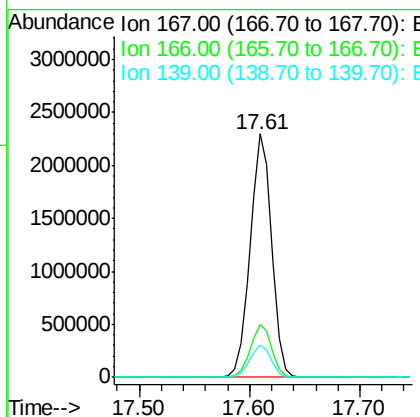
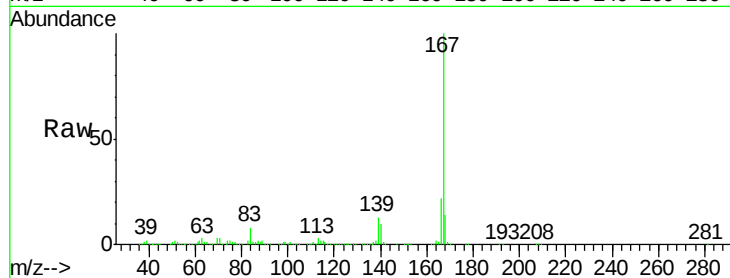
#73
 Carbazole
 Concen: 40.348 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion:167 Resp: 3132481
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 13.1 10.6 15.8

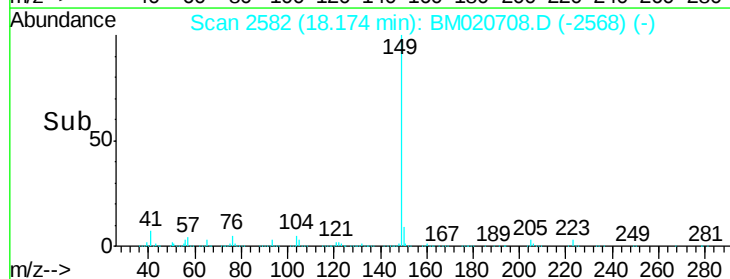
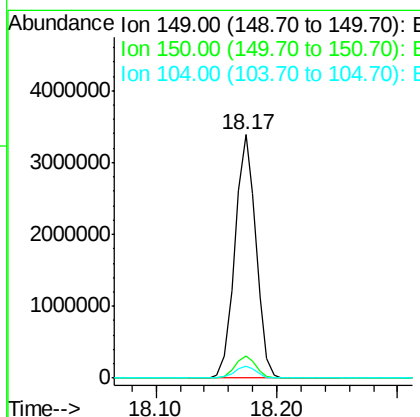
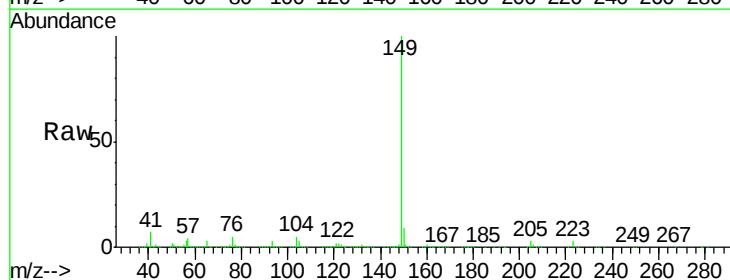
Manual Integrations
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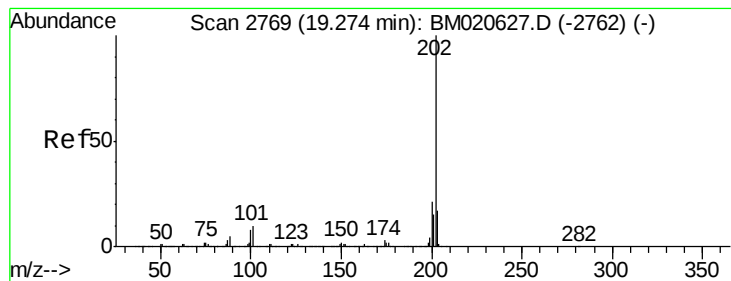
mohammad
 6/5/2019 3:41:30 PM



#74
 Di-n-butylphthalate
 Concen: 40.605 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion:149 Resp: 4092276
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 38.699 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

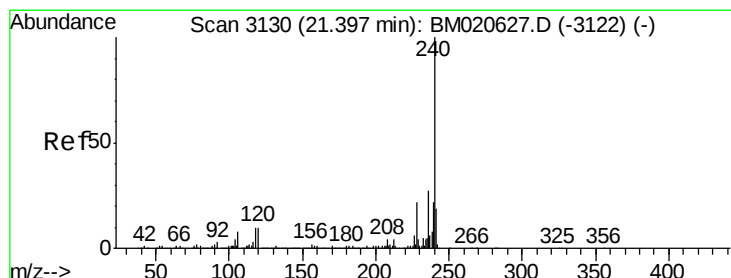
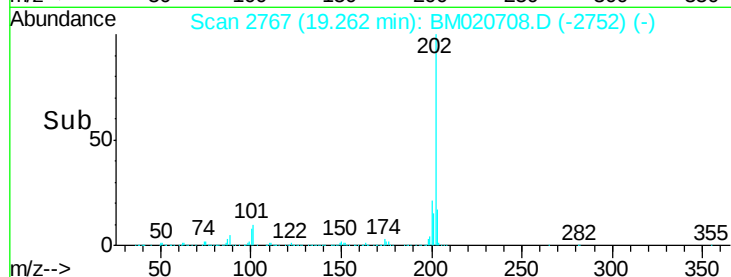
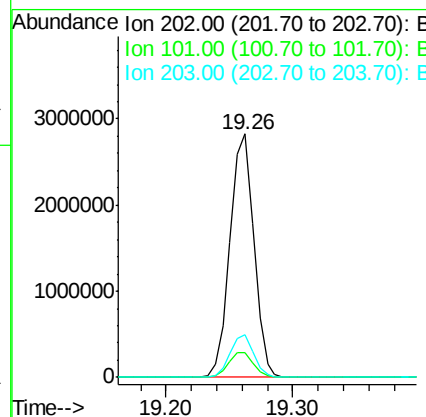
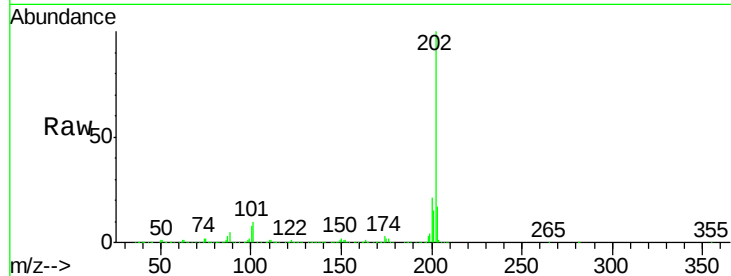
ClientSampleId :

PB120211BS

Tgt Ion:	202	Resp:	3678687
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.4
203	17.5	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

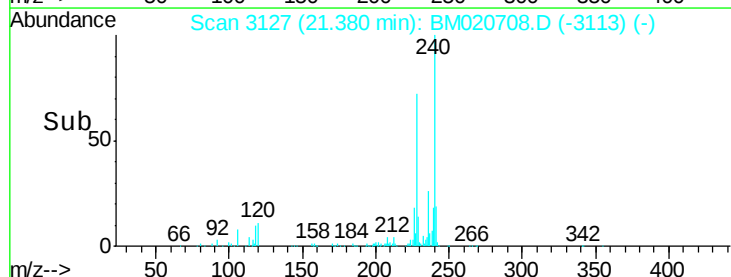
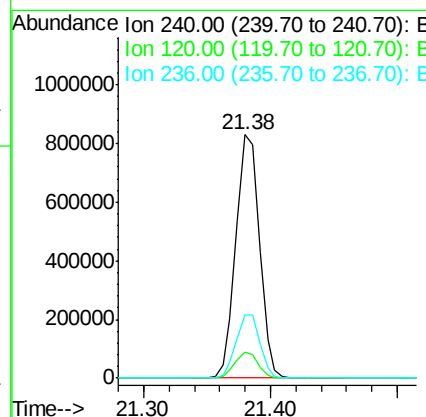
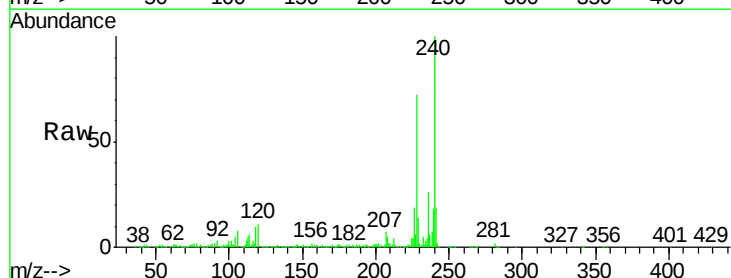
RT: 21.38 min Scan# 3127

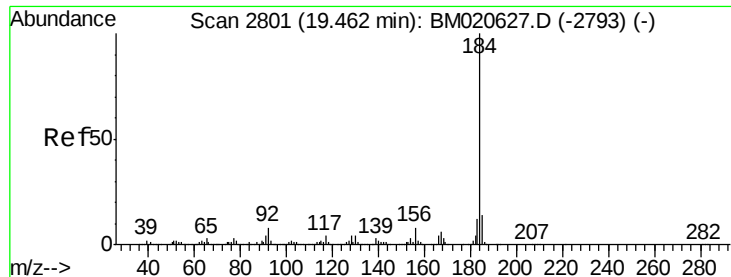
Delta R.T. -0.02 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Tgt Ion:	240	Resp:	1065969
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	25.7	21.2	31.8





#77

Benzidine

Concen: 48.390 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion:184 Resp: 1562992

Ion Ratio Lower Upper

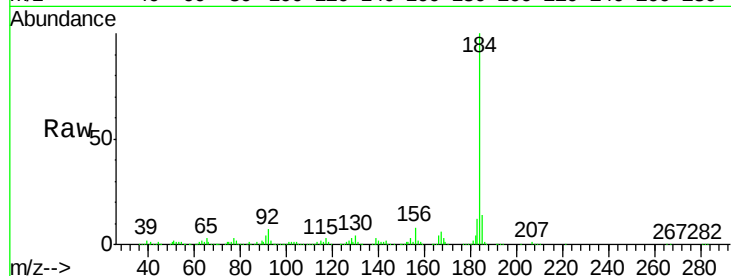
184 100

185 14.4 11.3 16.9

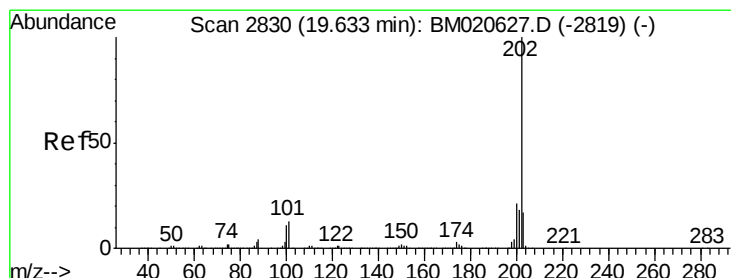
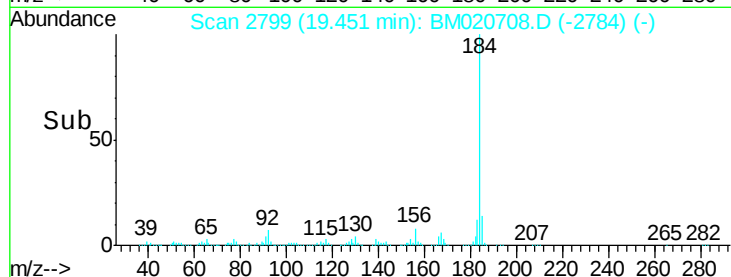
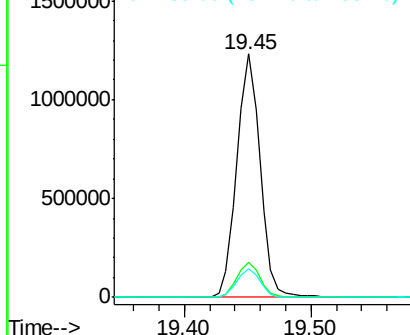
183 12.0 9.8 14.6

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



#78

Pyrene

Concen: 44.844 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

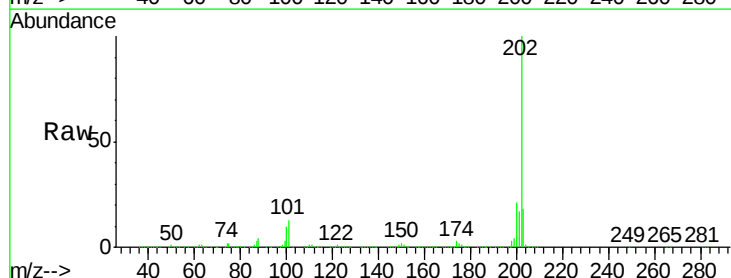
Tgt Ion:202 Resp: 3668261

Ion Ratio Lower Upper

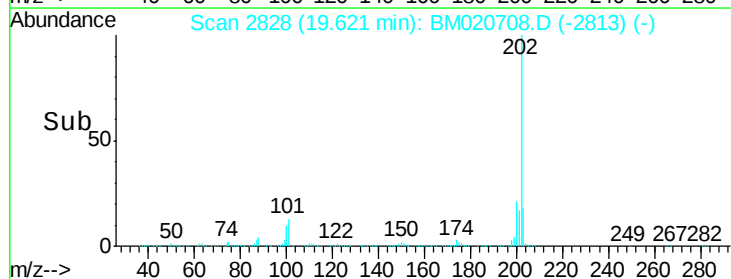
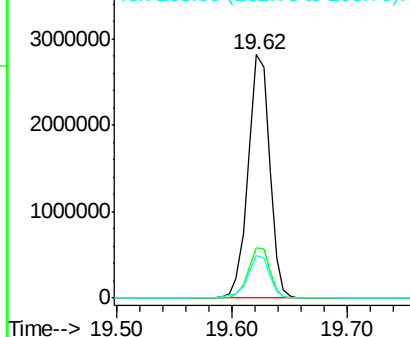
202 100

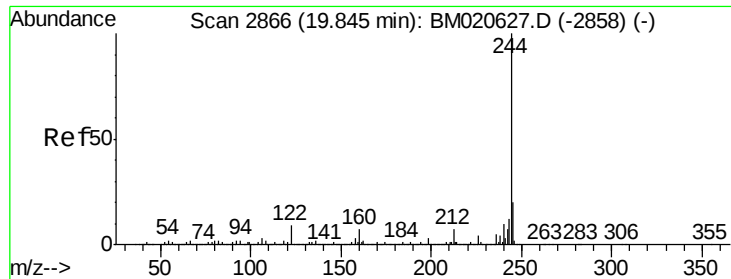
200 20.7 16.8 25.2

203 17.6 13.9 20.9



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





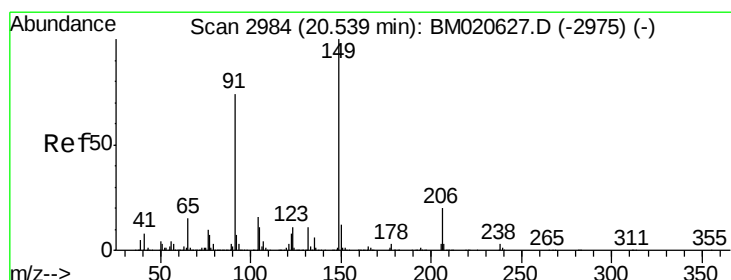
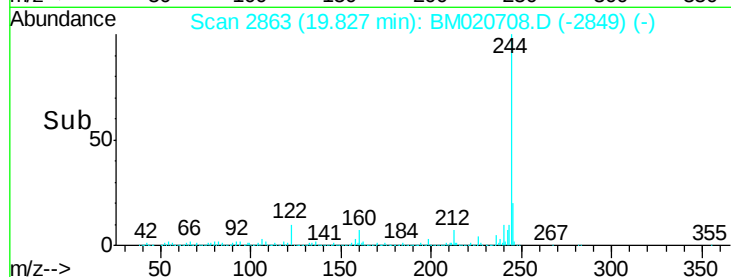
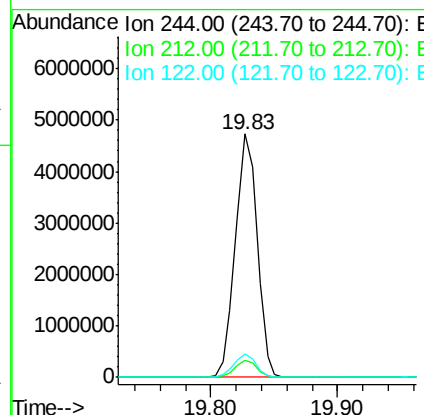
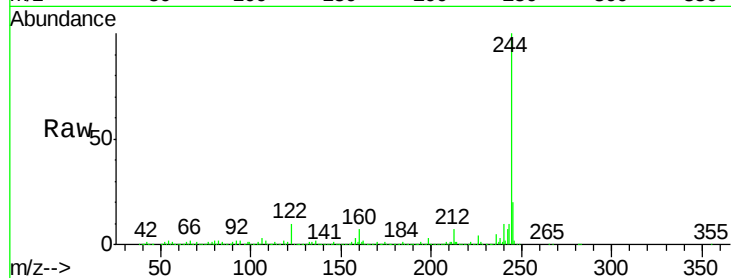
#79
 Terphenyl-d14
 Concen: 88.120 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion:244 Resp: 5615857
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.6 7.2 10.8

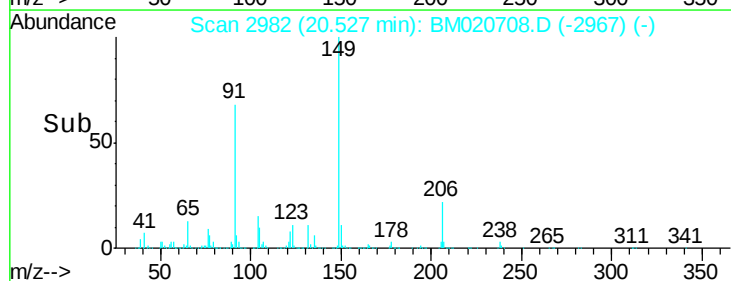
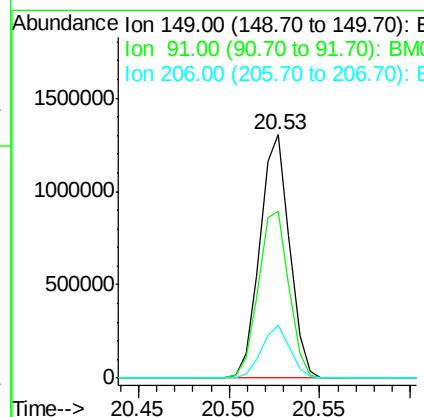
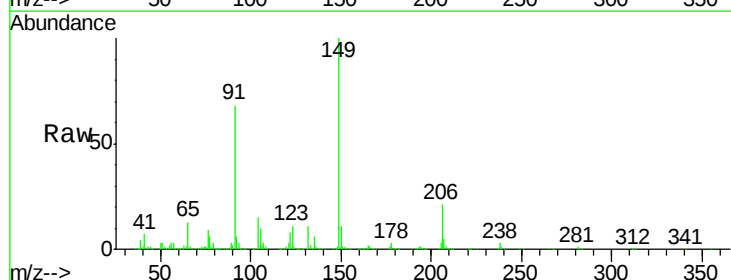
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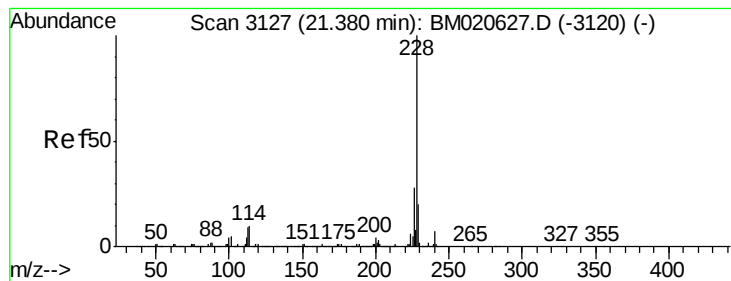
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.848 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion:149 Resp: 1481204
 Ion Ratio Lower Upper
 149 100
 91 68.3 59.6 89.4
 206 21.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.846 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

Instrument :

BNA_M

ClientSampleId :

PB120211BS

Tgt Ion:228 Resp: 3106349

Ion Ratio Lower Upper

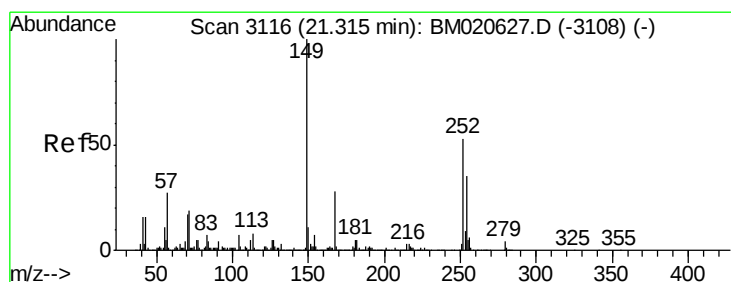
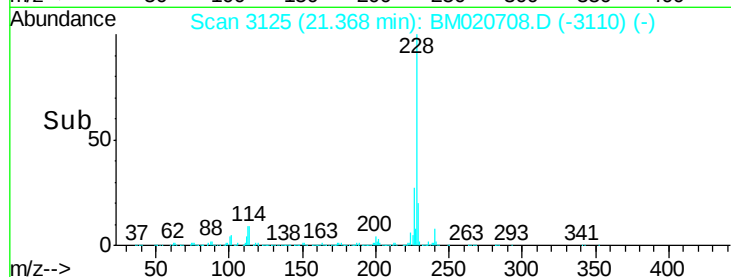
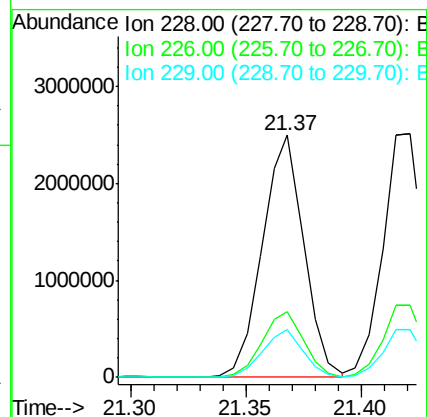
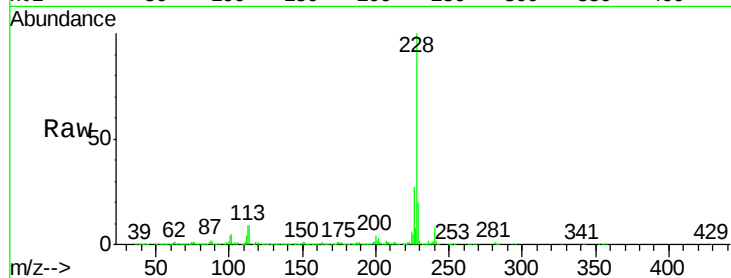
228 100

226 27.0 22.3 33.5

229 19.7 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 33.442 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020708.D

Acq: 04 Jun 2019 18:12

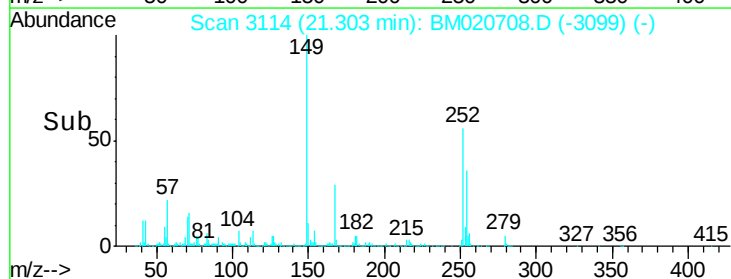
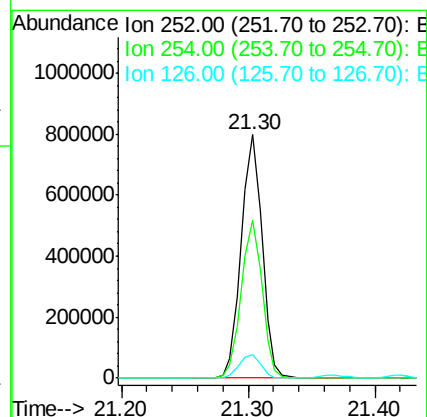
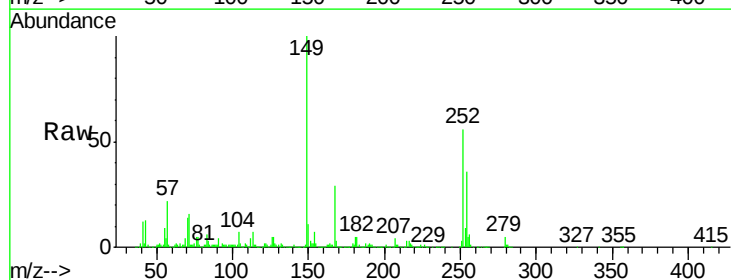
Tgt Ion:252 Resp: 909062

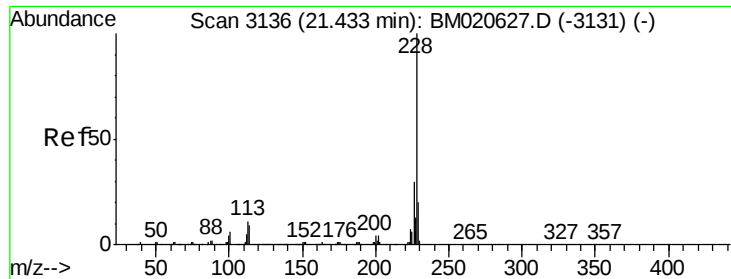
Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

126 9.5 8.0 12.0





#83
Chrysene
 Concen: 43.835 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

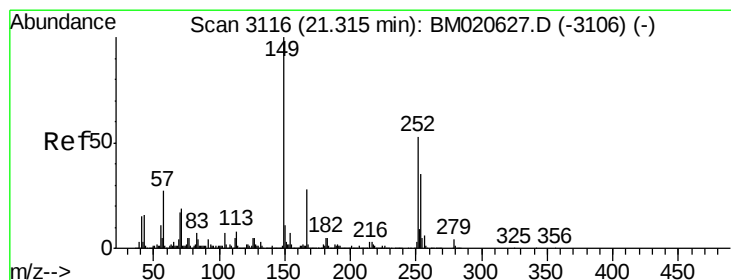
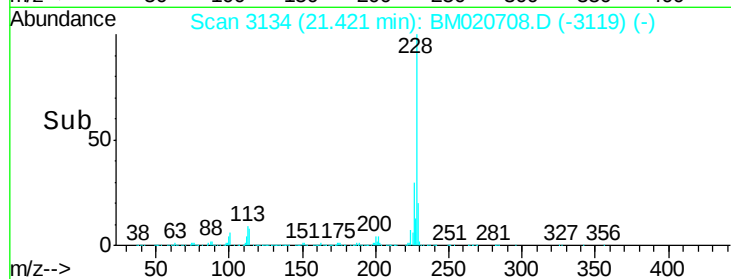
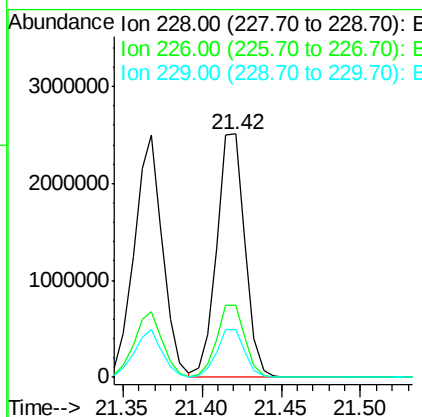
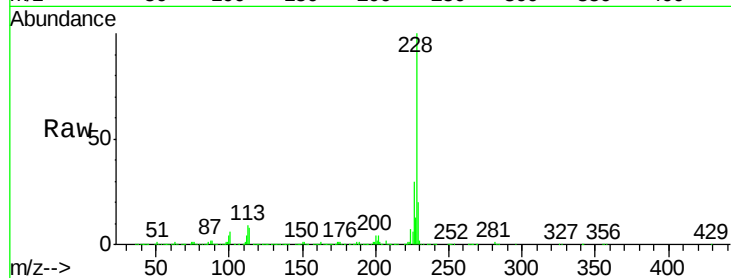
Instrument :
 BNA_M
 ClientSampleId :
 PB120211BS

Tgt Ion: 228 Resp: 3093155

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.7	15.8	23.6

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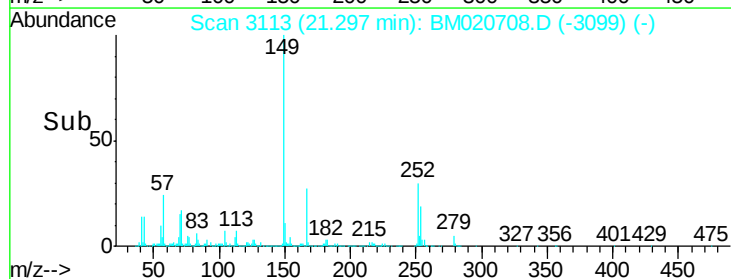
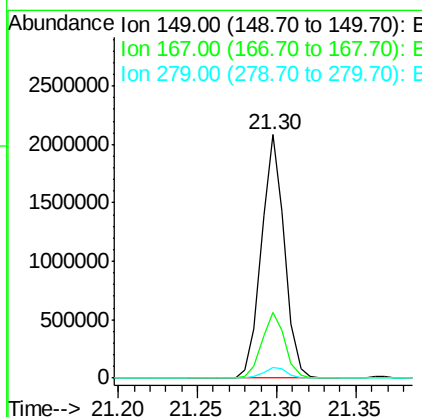
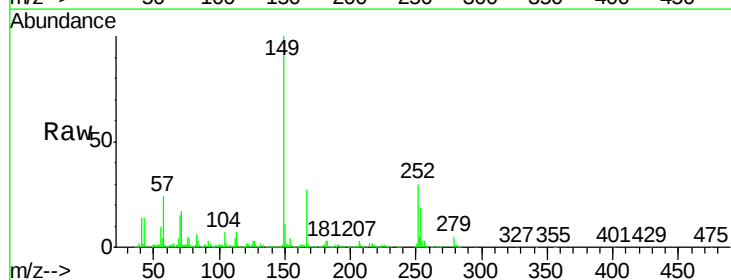
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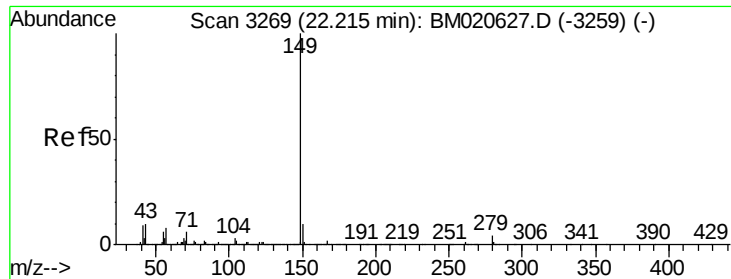


#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.912 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020708.D
 Acq: 04 Jun 2019 18:12

Tgt Ion: 149 Resp: 2105740

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.6	3.4	5.0





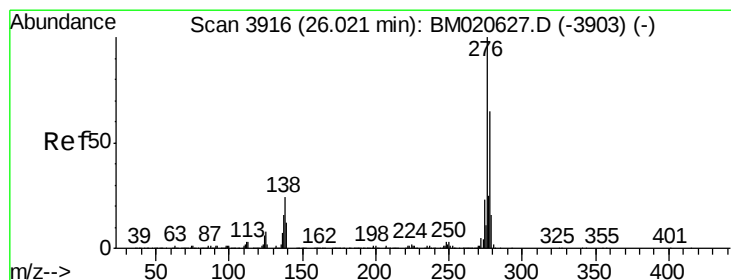
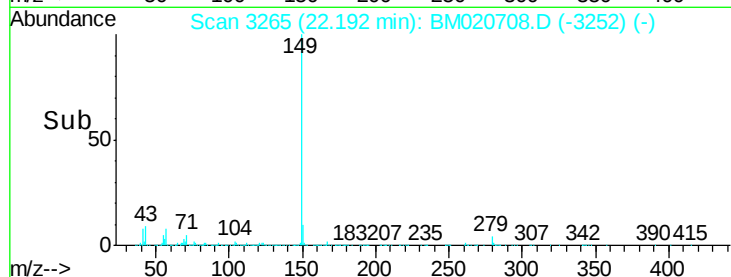
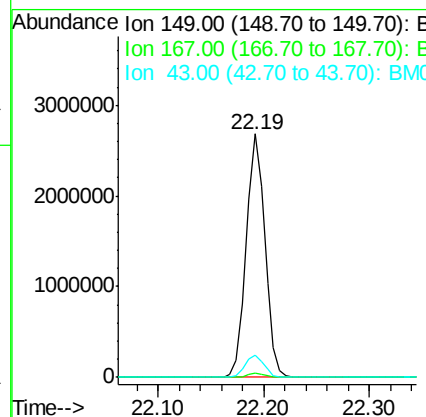
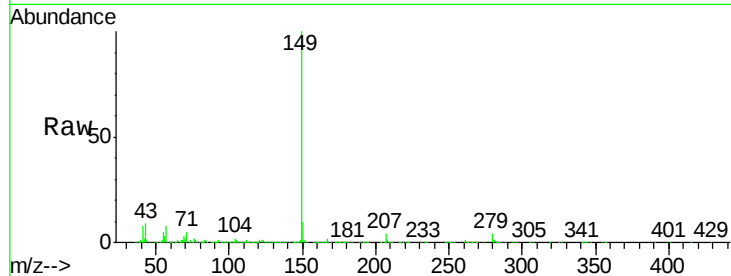
#85
Di-n-octyl phthalate
Concen: 41.018 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	8.2	12.4

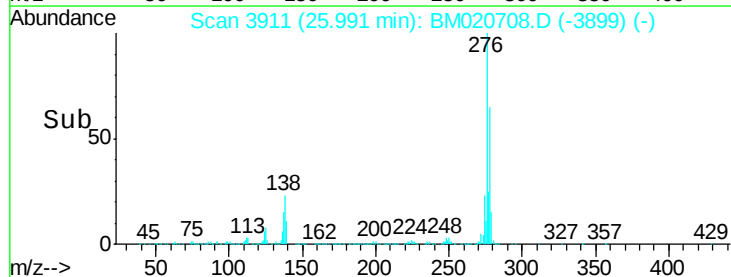
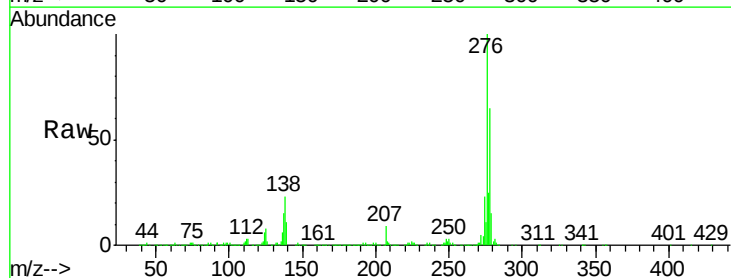
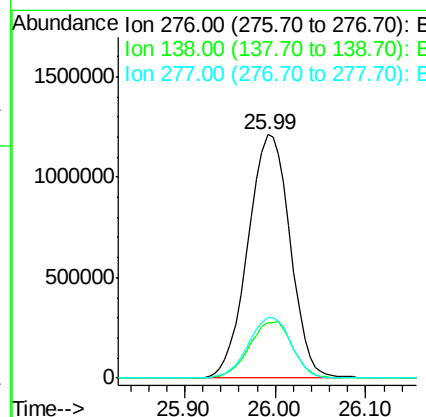
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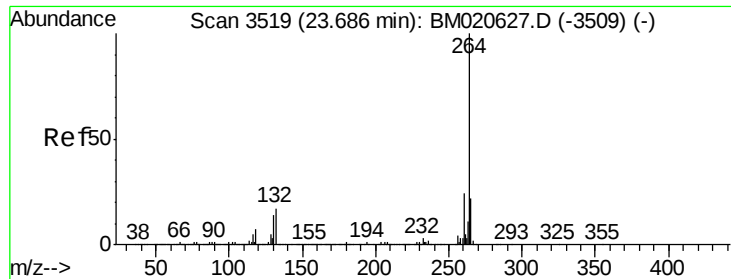
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.190 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.8	29.8
277	25.4	20.2	30.4





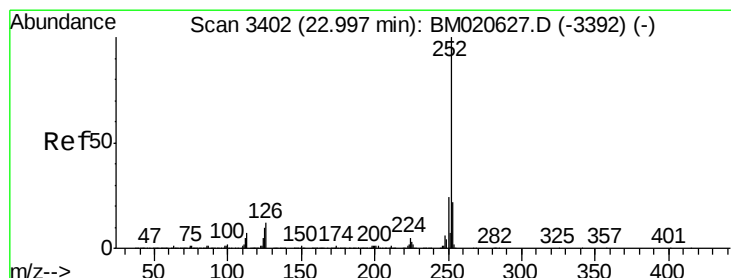
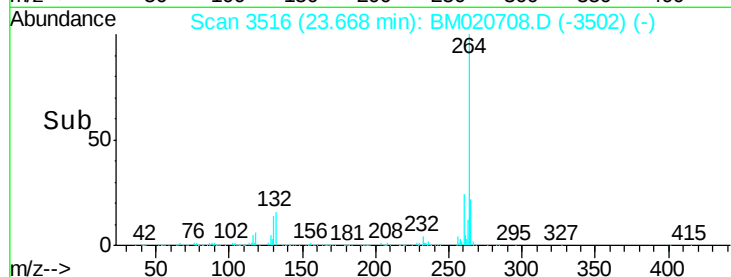
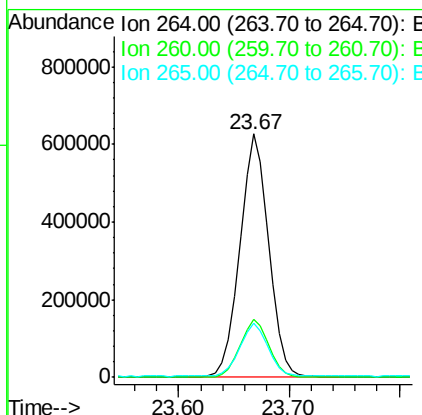
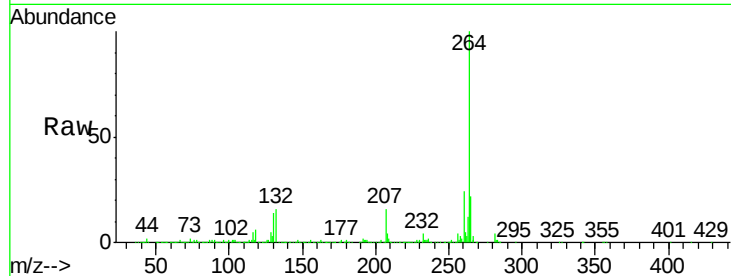
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.6	26.4

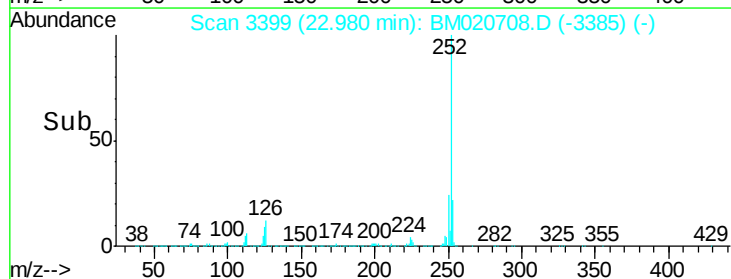
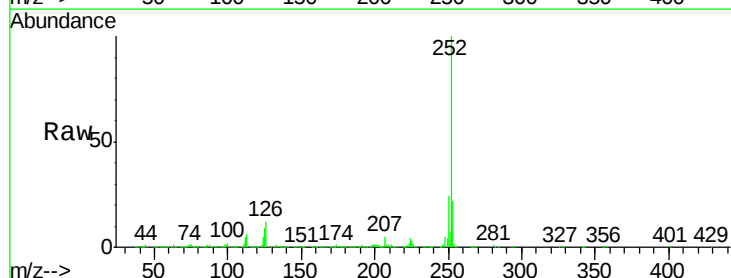
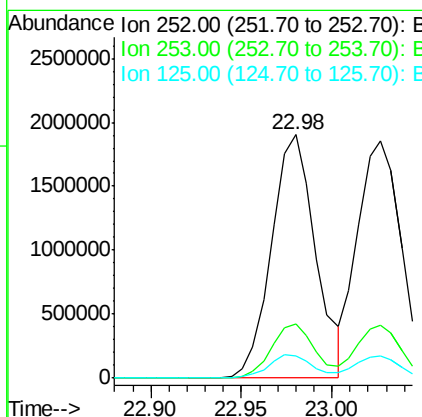
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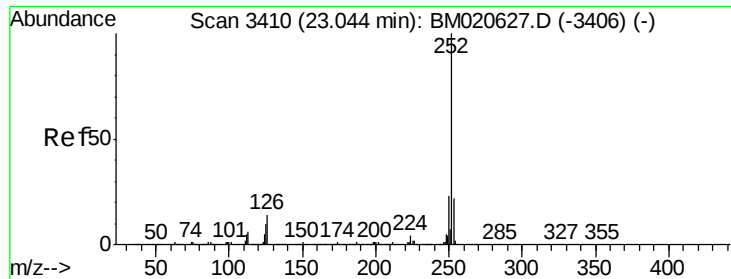
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.402 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.3	7.8	11.8





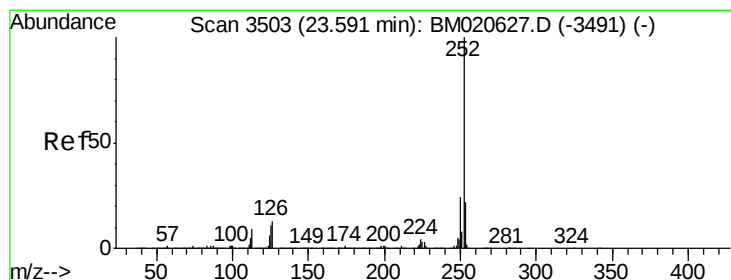
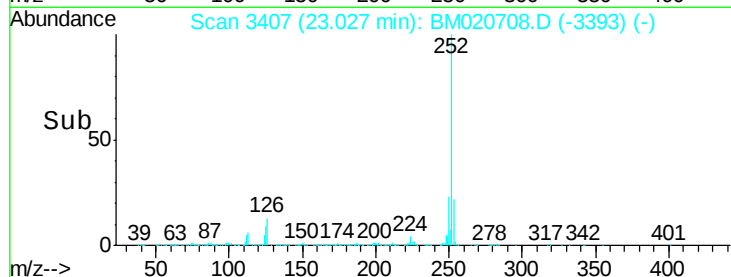
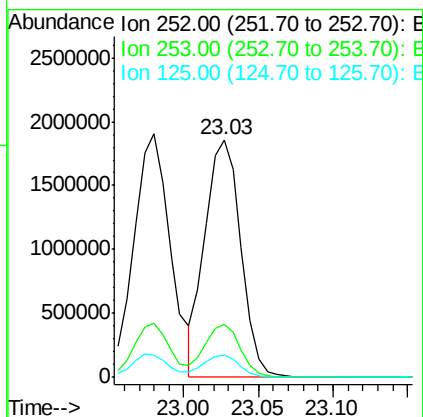
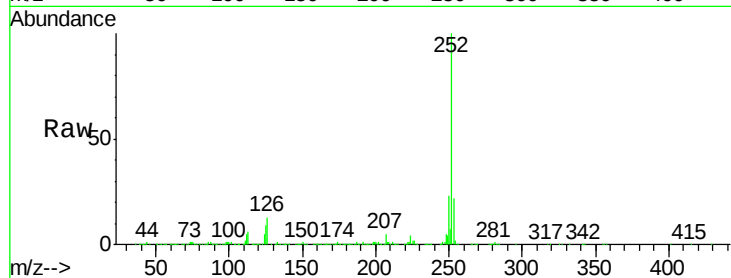
#89
Benzo(k)fluoranthene
Concen: 41.535 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion: 252 Resp: 3091829
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.5 7.8 11.8

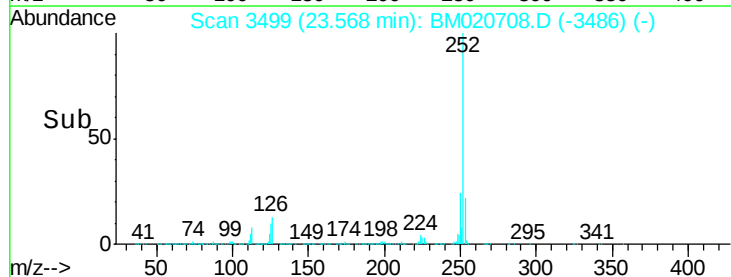
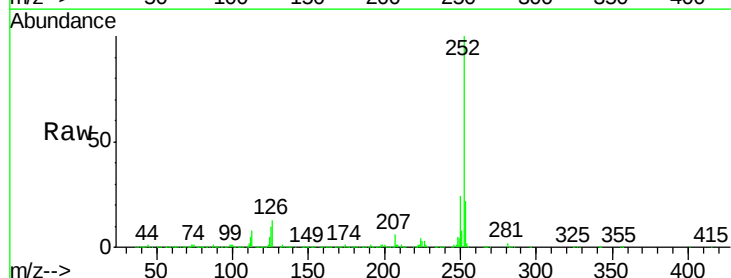
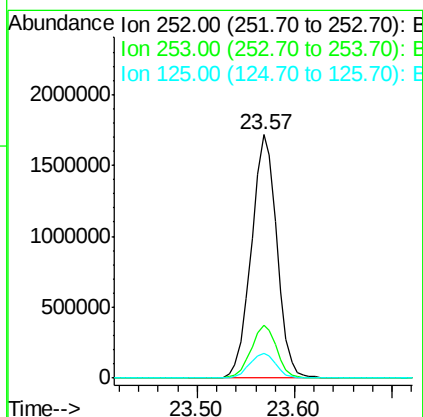
Manual Integrations
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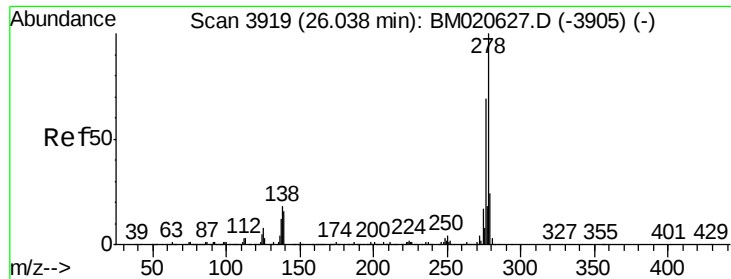
mohammad
6/5/2019 3:41:30 PM



#90
Benzo(a)pyrene
Concen: 45.234 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion: 252 Resp: 3125289
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.4 8.6 13.0





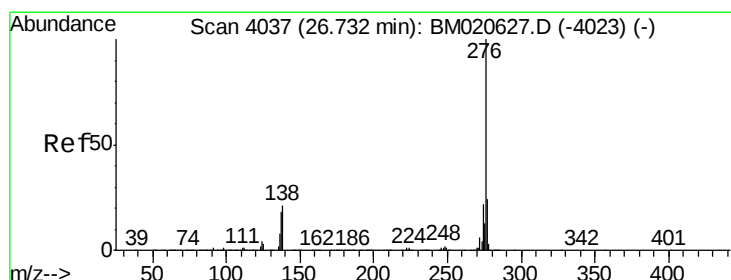
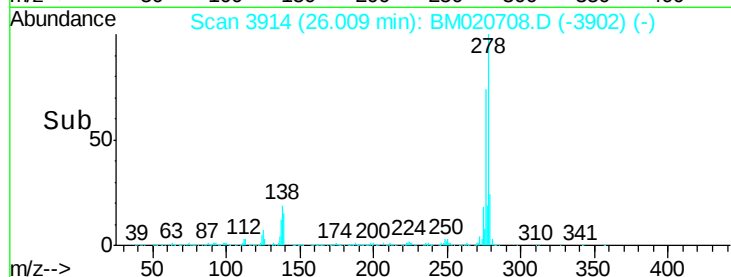
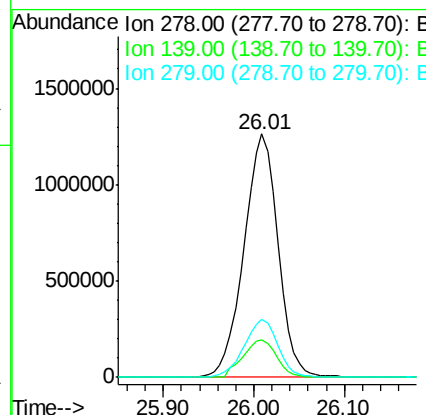
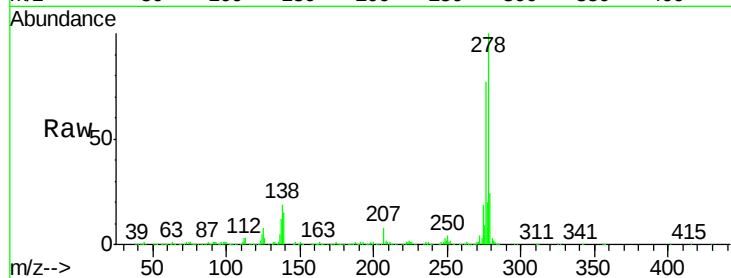
#91
Dibenzo(a,h)anthracene
Concen: 49.158 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.03 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Instrument :
BNA_M
ClientSampleId :
PB120211BS

Tgt Ion:278 Resp: 3295057
Ion Ratio Lower Upper
278 100
139 15.4 12.6 18.8
279 23.7 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:30 PM



#92
Benzo(g,h,i)perylene
Concen: 51.347 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020708.D
Acq: 04 Jun 2019 18:12

Tgt Ion:276 Resp: 3196900
Ion Ratio Lower Upper
276 100
277 23.2 19.2 28.8
138 20.7 17.0 25.4

