

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020720.D
 Acq On : 05 Jun 2019 03:18
 Operator : HP/JU
 Sample : PB120082BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:41:48 PM

Quant Time: Jun 05 07:07:17 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	7.82	152	349141	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1475479	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	783592	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1505711	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1388836	20.00	ng	-0.02
87) Perylene-d12	23.67	264	738724	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1813865	91.39	ng	0.00
7) Phenol-d6	6.99	99	2393011	81.88	ng	0.00
23) Nitrobenzene-d5	8.99	82	2057618	72.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	765725	78.87	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4477234	75.96	ng	-0.01
79) Terphenyl-d14	19.83	244	5286117	63.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	310479	38.207	ng	97
3) Pyridine	3.74	79	749090	28.973	ng	98
4) n-Nitrosodimethylamine	3.66	42	399894	35.880	ng	96
6) Aniline	7.16	93	639864	15.131	ng	96
8) 2-Chlorophenol	7.39	128	1096042	44.389	ng	99
10) Phenol	7.02	94	1353582	42.977	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	997913	39.757	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1042440	36.734	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1073419	37.208	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1041734	37.105	ng	99
15) Benzyl Alcohol	8.06	79	973445	37.650	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1371717	35.397	ng	99
17) 2-Methylphenol	8.26	107	895005	40.412	ng	98
18) Hexachloroethane	8.90	117	396229	35.873	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	812602	34.589	ng	96
20) 3+4-Methylphenols	8.59	107	1177372	39.074	ng	99
22) Acetophenone	8.65	105	1519483	40.539	ng	98
24) Nitrobenzene	9.03	77	1183834	40.721	ng	98
25) Isophorone	9.55	82	2128610	37.577	ng	99
26) 2-Nitrophenol	9.73	139	513634	47.405	ng	97
27) 2,4-Dimethylphenol	9.79	122	943734	46.483	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1330703	38.852	ng	100
29) 2,4-Dichlorophenol	10.26	162	974033	43.362	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	1057904	40.958	ng	98
31) Naphthalene	10.67	128	3091097	40.740	ng	99
32) Benzoic acid	9.93	122	535687m	42.569	ng	
33) 4-Chloroaniline	10.78	127	553195	15.666	ng	97
34) Hexachlorobutadiene	10.94	225	619319	39.962	ng	100
35) Caprolactam	11.57	113	268208m	34.370	ng	
36) 4-Chloro-3-methylphenol	11.90	107	999134	38.257	ng	98
37) 2-Methylnaphthalene	12.27	142	2262533	40.230	ng	100
38) 1-Methylnaphthalene	12.50	142	2134479	39.859	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1152983	44.900	ng	99
41) Hexachlorocyclopentadiene	12.62	237	528270	34.397	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	734498	44.437	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	778881	45.643	ng	97
46) 1,1'-Biphenyl	13.29	154	2824427	43.159	ng	99
47) 2-Chloronaphthalene	13.33	162	2174135	41.162	ng	99
48) 2-Nitroaniline	13.55	65	612144	36.926	ng	90
49) Acenaphthylene	14.18	152	3289918	39.920	ng	100
50) Dimethylphthalate	13.92	163	2604344	38.902	ng	99
51) 2,6-Dinitrotoluene	14.05	165	558566	41.091	ng	92
52) Acenaphthene	14.53	154	1982610	40.369	ng	99
53) 3-Nitroaniline	14.37	138	410125	27.031	ng	94
54) 2,4-Dinitrophenol	14.58	184	461112	78.954	ng	90
55) Dibenzofuran	14.86	168	3093218	40.552	ng	98
56) 4-Nitrophenol	14.67	139	867085	77.551	ng	95
57) 2,4-Dinitrotoluene	14.83	165	723642	39.758	ng	95
58) Fluorene	15.51	166	2457972	39.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	648008	43.579	ng	97
60) Diethylphthalate	15.29	149	2545408	36.866	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1304185	39.267	ng	96
62) 4-Nitroaniline	15.54	138	500306	31.091	ng	95
63) Azobenzene	15.80	77	2393949	36.166	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	285285	42.807	ng	96
66) n-Nitrosodiphenylamine	15.72	169	2079535	43.143	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	757602	42.734	ng	95
68) Hexachlorobenzene	16.50	284	857272	41.411	ng	98
69) Atrazine	16.67	200	255269	17.744	ng	100
70) Pentachlorophenol	16.85	266	962057	97.415	ng	99
71) Phenanthrene	17.25	178	3495016	40.950	ng	99
72) Anthracene	17.34	178	3385796	39.635	ng	100
73) Carbazole	17.61	167	3004251	38.755	ng	99
74) Di-n-butylphthalate	18.17	149	3851354	38.273	ng	100
75) Fluoranthene	19.26	202	3657445	38.534	ng	100
77) Benzidine	19.45	184	216439	5.143	ng	100
78) Pyrene	19.62	202	3682943	34.557	ng	100
80) Butylbenzylphthalate	20.52	149	1532202	34.019	ng	96
81) Benzo(a)anthracene	21.36	228	3375528	34.901	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1059785	29.923	ng	98
83) Chrysene	21.42	228	3343179	36.364	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	2136778	32.643	ng	99
85) Di-n-octyl phthalate	22.19	149	3457403	33.268	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	4519892	48.056	ng	98
88) Benzo(b)fluoranthene	22.97	252	3680247	75.375	ng	99
89) Benzo(k)fluoranthene	23.02	252	3629014	76.057	ng	100
90) Benzo(a)pyrene	23.57	252	3532459	79.763	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3928630	91.436	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3781205	94.746	ng	99

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

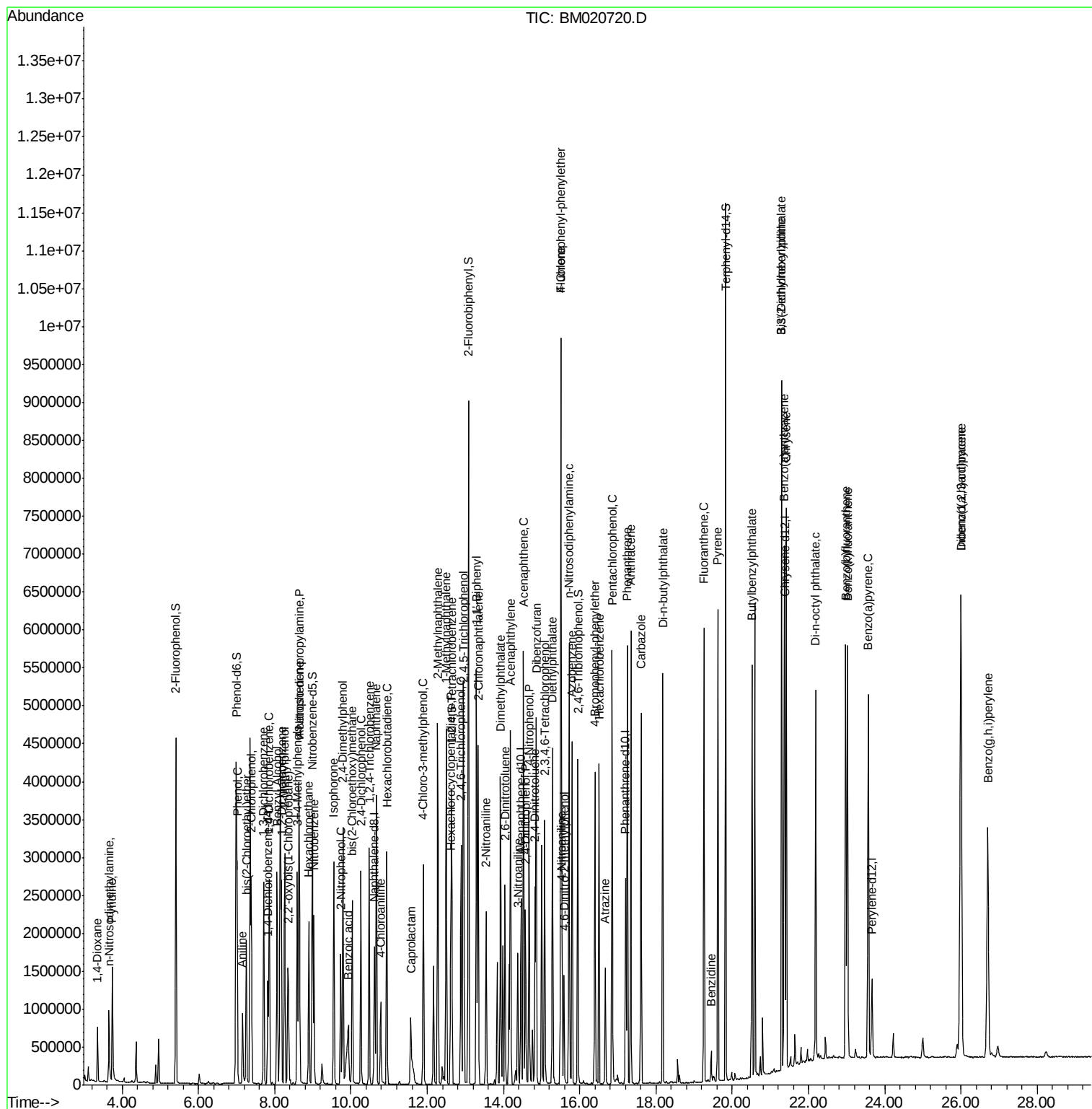
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
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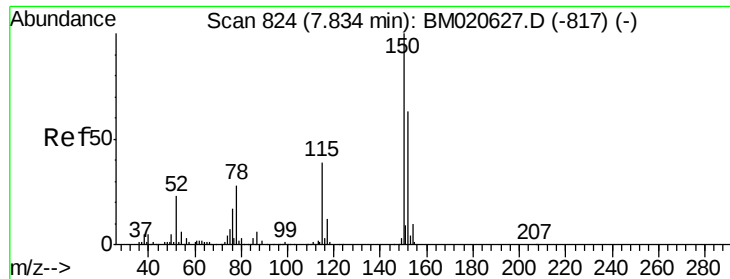
Instrument :
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#1

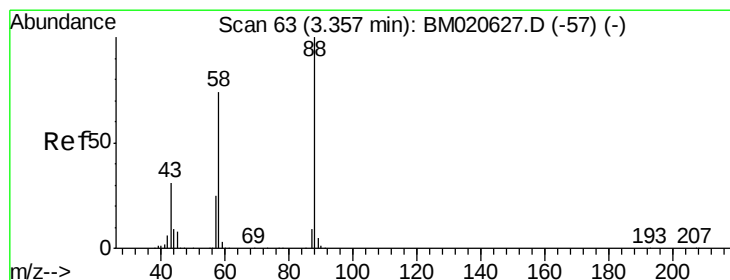
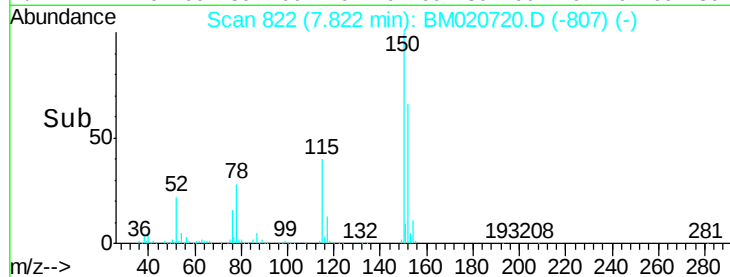
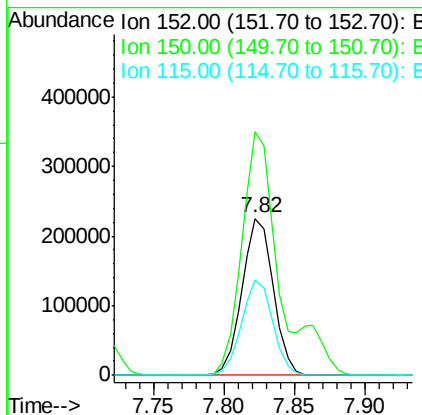
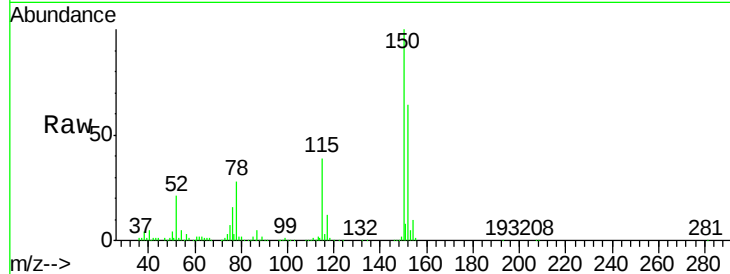
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.0	189.0
115	61.1	49.6	74.4

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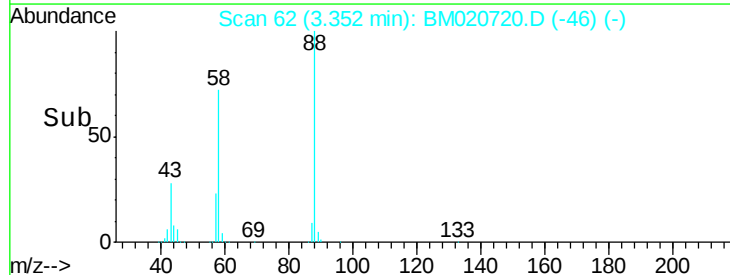
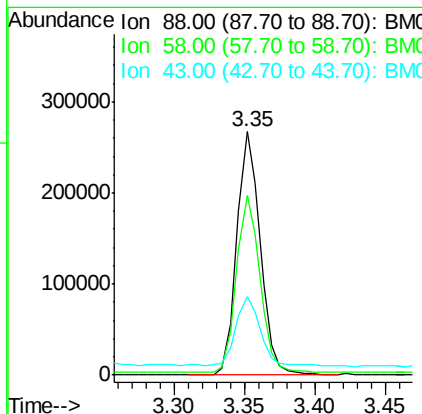
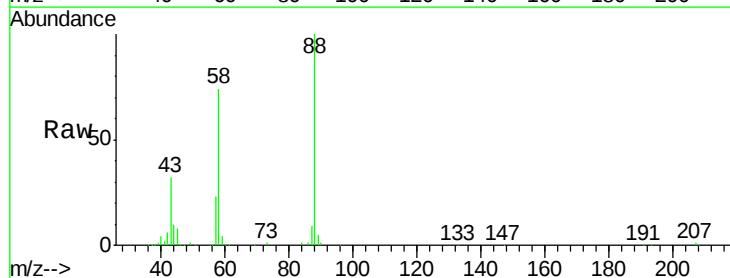
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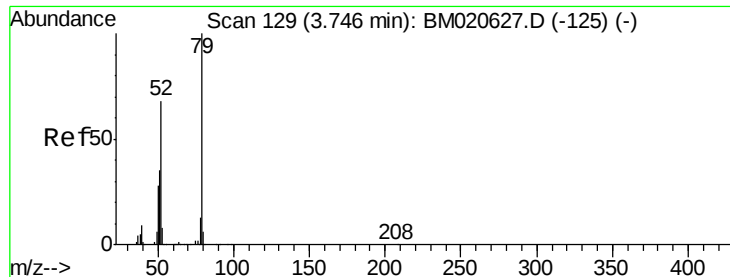


#2

1,4-Dioxane
Concen: 38.207 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	60.2	90.4
43	30.8	25.3	37.9





#3

Pyridine

Concen: 28.973 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

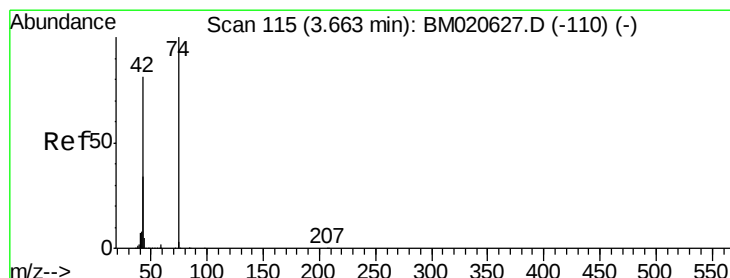
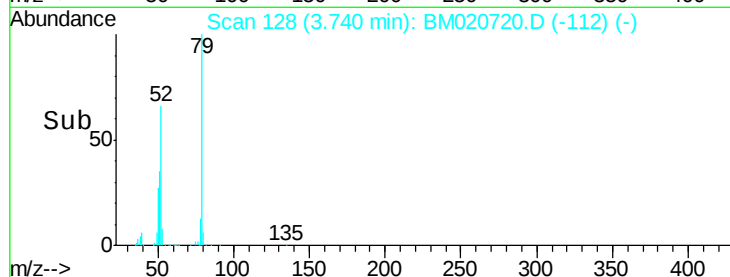
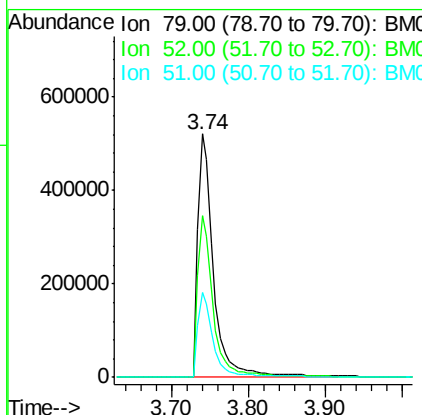
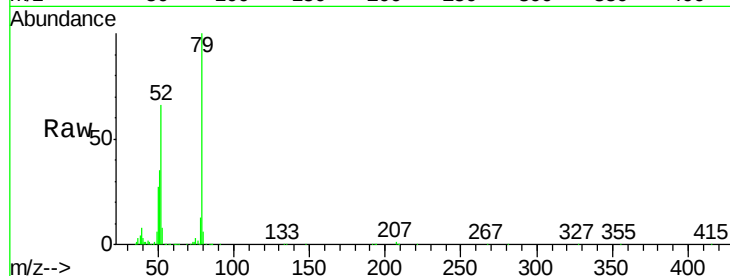
ClientSampleId :

PB120082BS

Tgt Ion:	79	Resp:	749090
Ion Ratio	Lower	Upper	
79	100		
52	66.3	54.1	81.1
51	34.9	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 35.880 ng

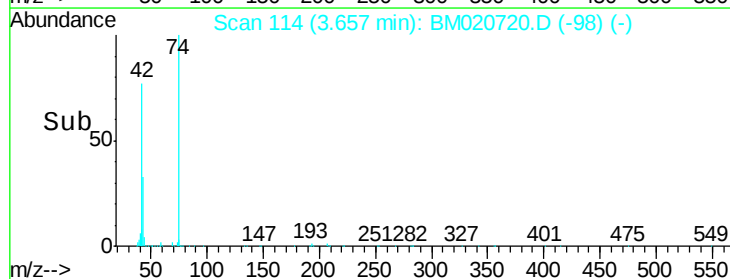
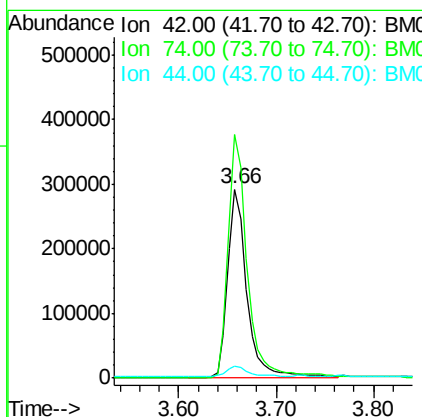
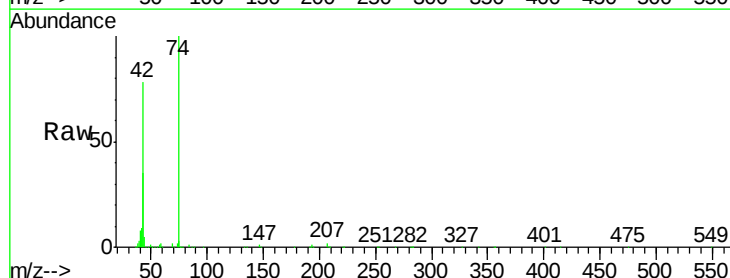
RT: 3.66 min Scan# 114

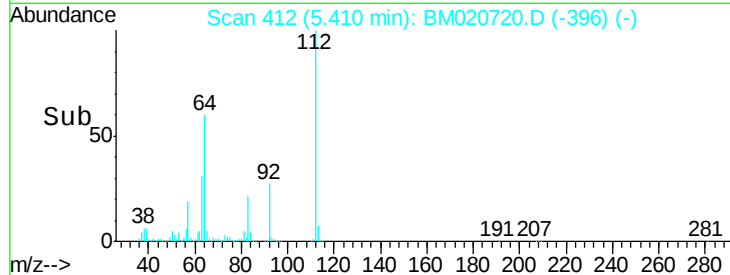
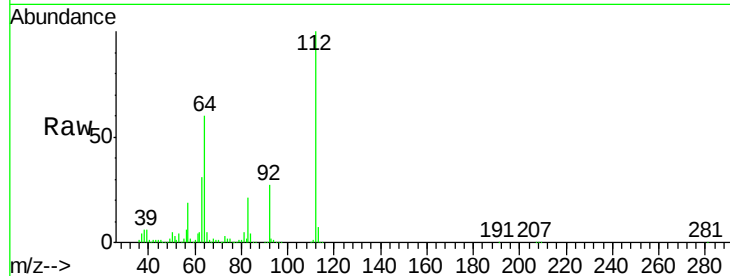
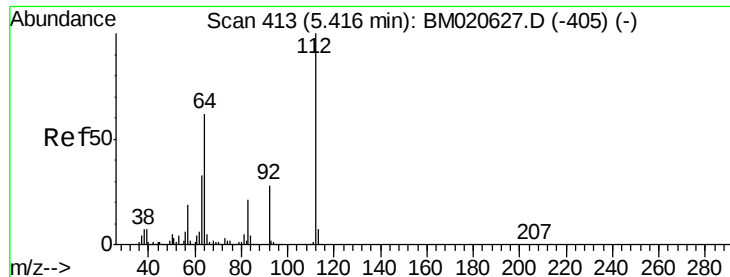
Delta R.T. -0.01 min

Lab File: BM020720.D

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Tgt Ion:	42	Resp:	399894
Ion Ratio	Lower	Upper	
42	100		
74	128.9	99.4	149.0
44	6.5	5.8	8.8





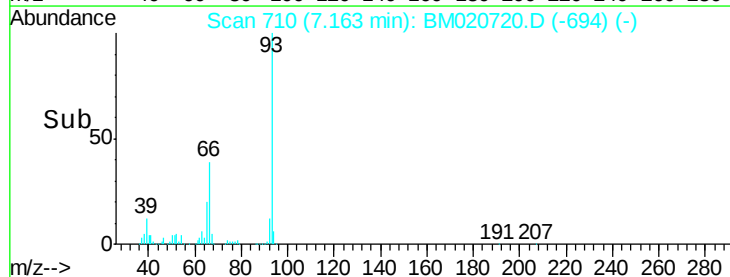
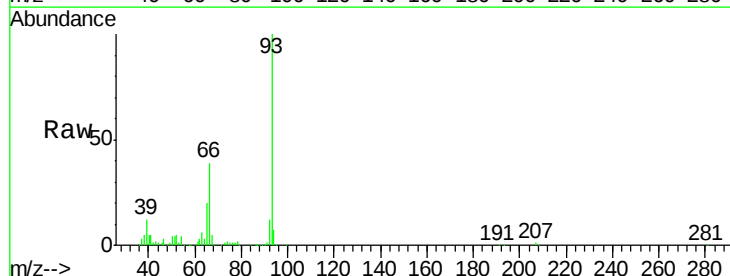
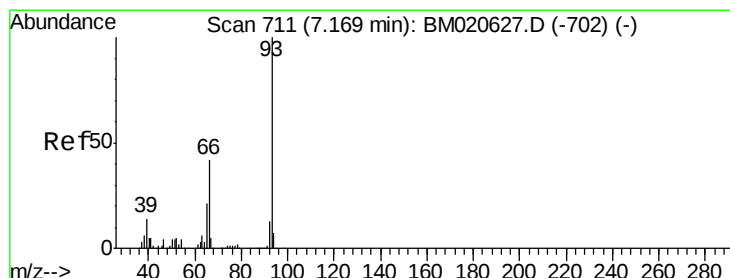
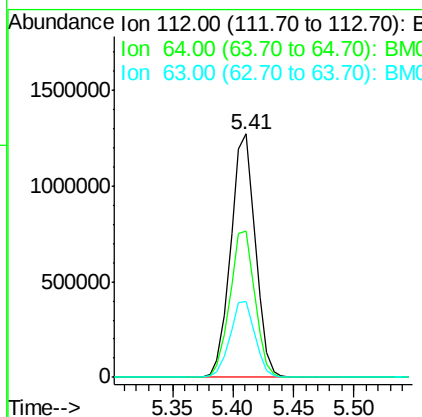
#5
2-Fluorophenol
Concen: 91.387 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion: 112 Resp: 1813865
Ion Ratio Lower Upper
112 100
64 60.3 49.7 74.5
63 31.3 26.4 39.6

Instrument :
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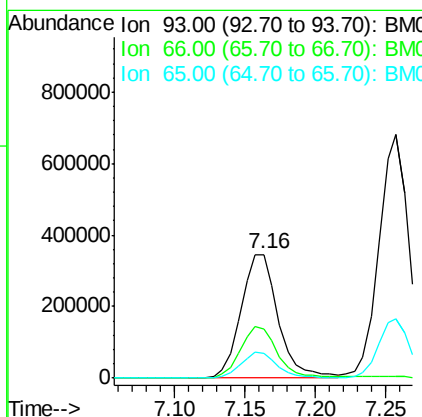
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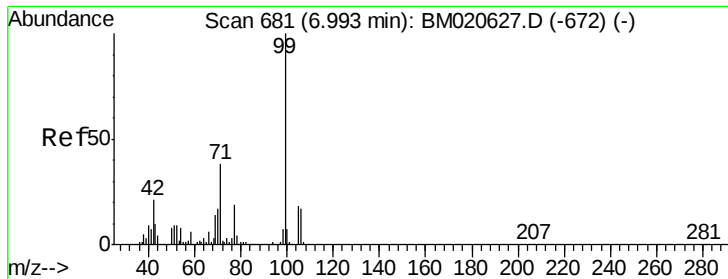
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#6
Aniline
Concen: 15.131 ng
RT: 7.16 min Scan# 710
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion: 93 Resp: 639864
Ion Ratio Lower Upper
93 100
66 39.2 33.6 50.4
65 19.8 16.7 25.1





#7

Phenol-d6

Concen: 81.881 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Tgt Ion: 99 Resp: 2393011

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

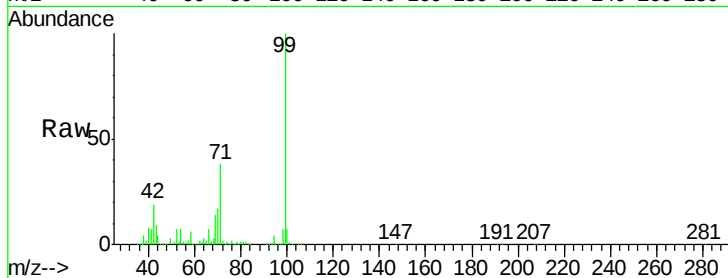
71 37.6 30.7 46.1

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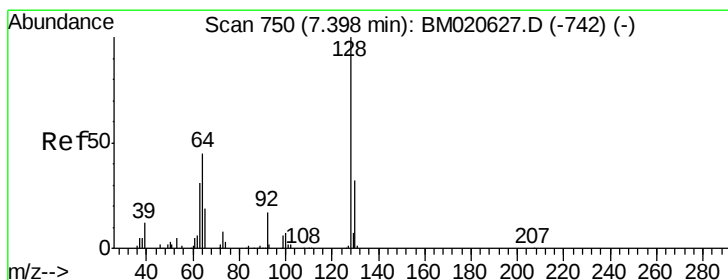
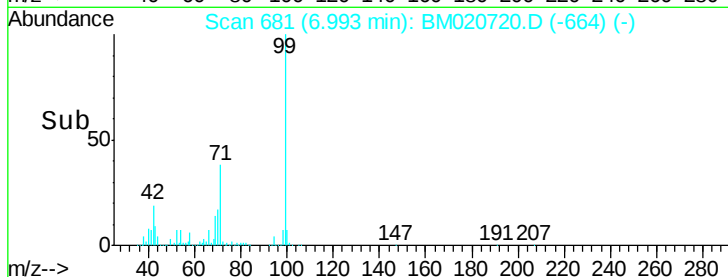
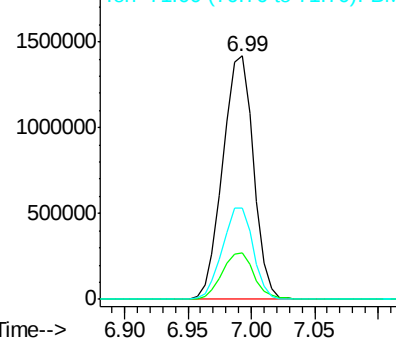
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Abundance Ion 99.00 (98.70 to 99.70): BM020720.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020720.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020720.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.389 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

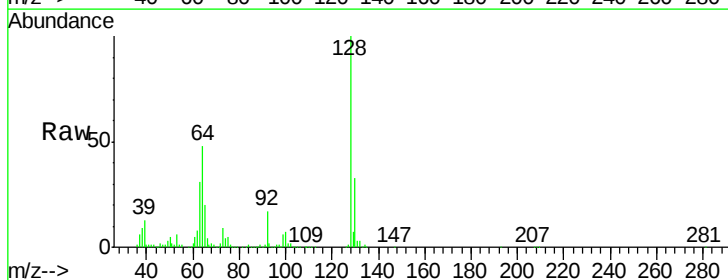
Tgt Ion: 128 Resp: 1096042

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

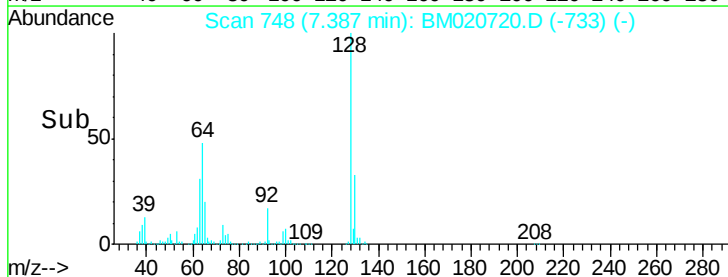
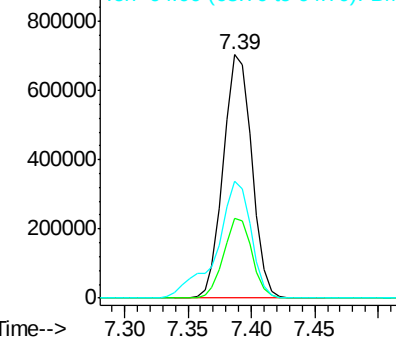
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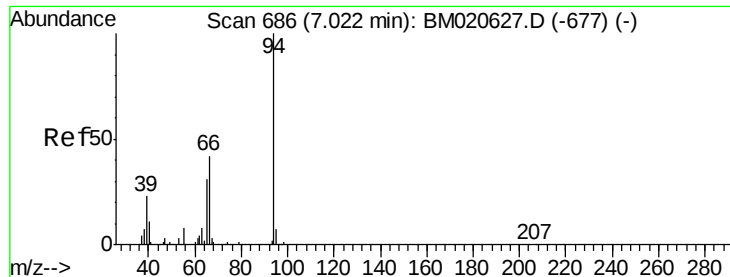


Abundance Ion 128.00 (127.70 to 128.70): BM020720.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020720.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020720.D (-733) (-)





#10

Phenol

Concen: 42.977 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Tgt Ion: 94 Resp: 1353582

Ion Ratio Lower Upper

94 100

65 29.5 10.7 50.7

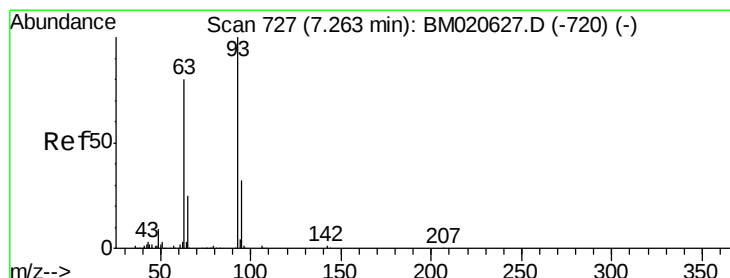
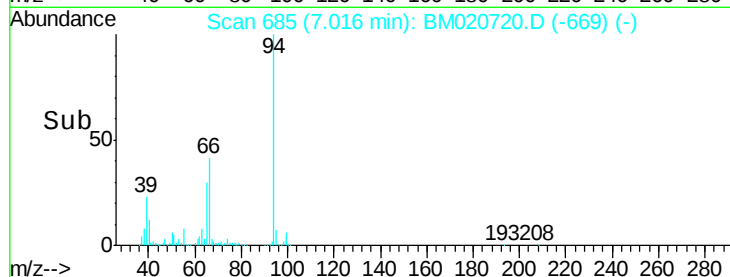
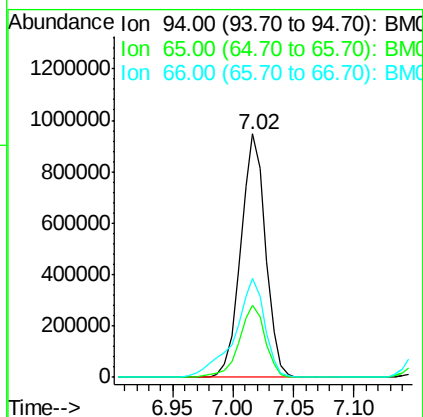
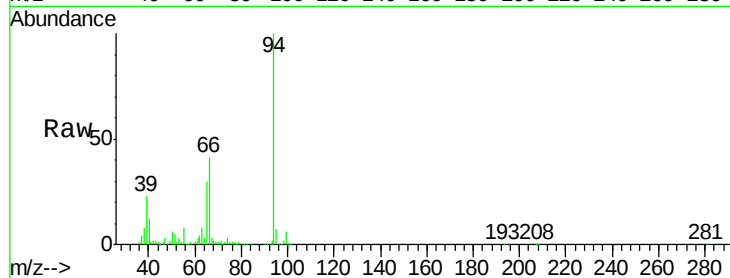
66 40.9 22.3 62.3

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 39.757 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

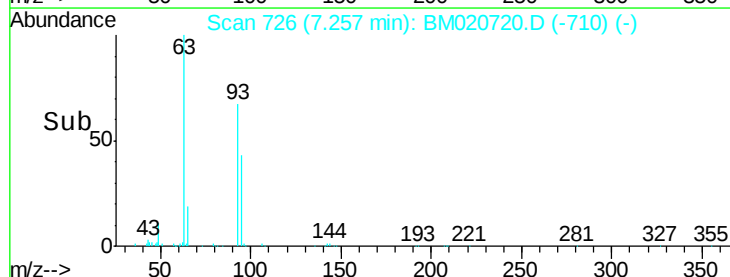
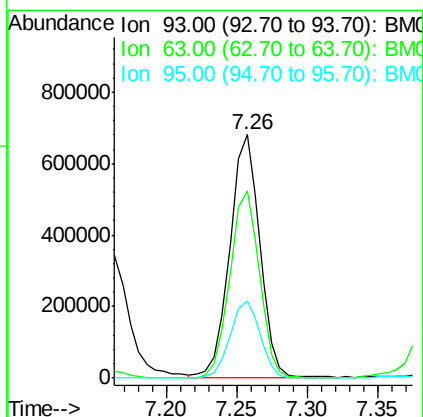
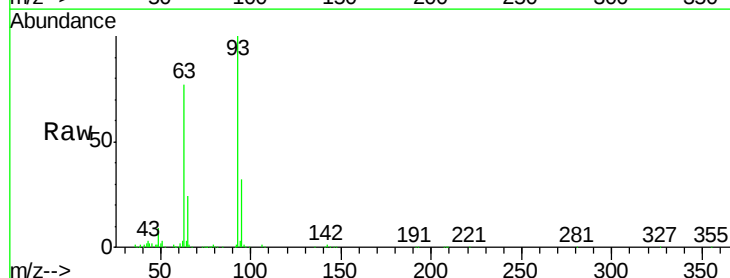
Tgt Ion: 93 Resp: 997913

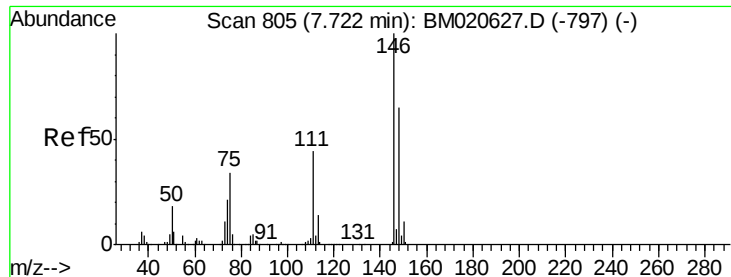
Ion Ratio Lower Upper

93 100

63 76.8 60.0 100.0

95 31.9 12.2 52.2





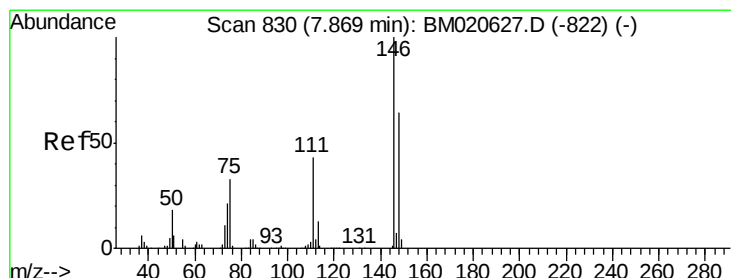
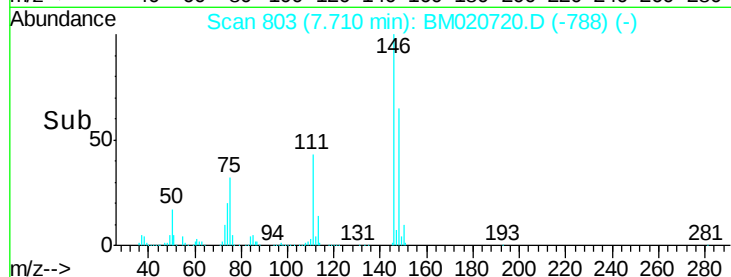
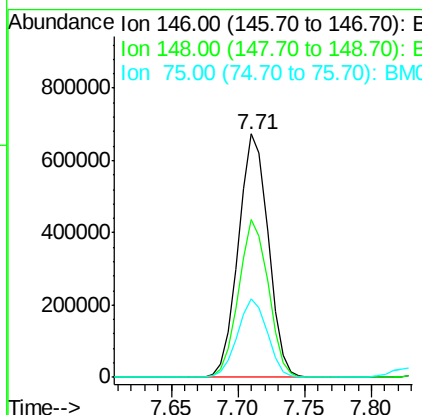
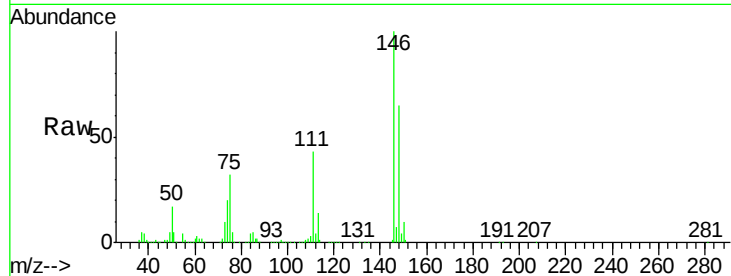
#12
 1,3-Dichlorobenzene
 Concen: 36.734 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion:146 Resp: 1042440
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 75 32.2 27.0 40.4

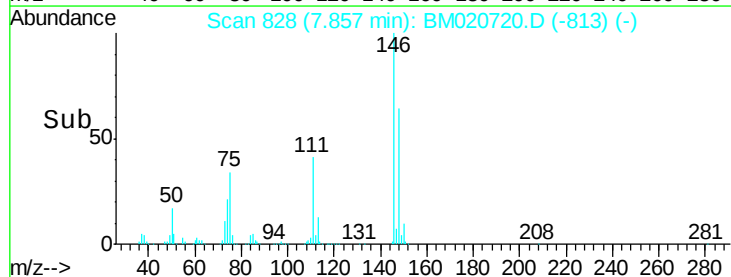
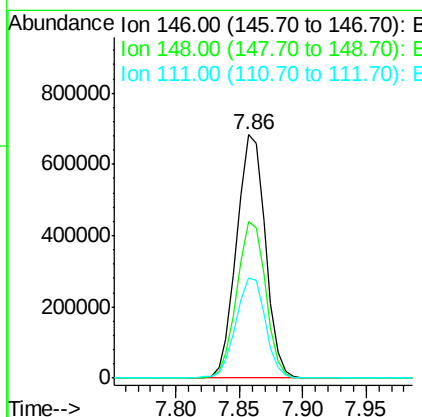
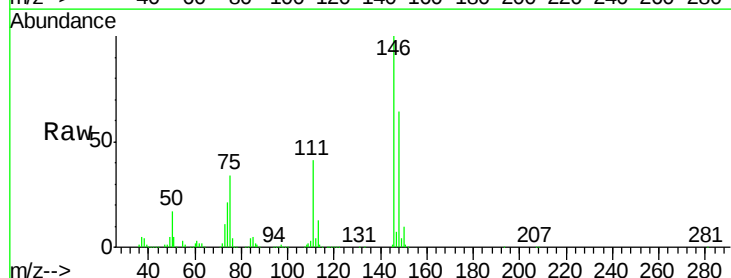
Manual Integrations
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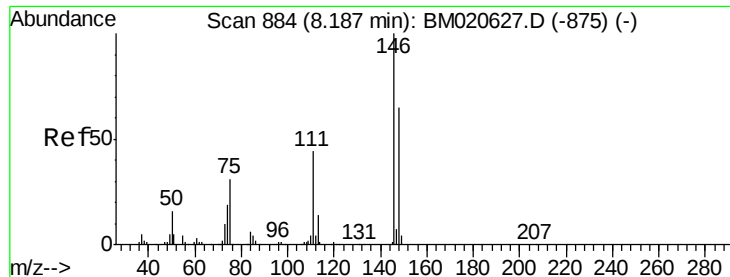
mohammad
 6/5/2019 3:41:48 PM



#13
 1,4-Dichlorobenzene
 Concen: 37.208 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion:146 Resp: 1073419
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.4
 111 41.0 34.4 51.6





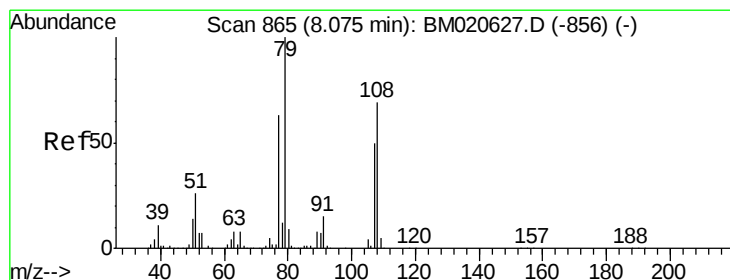
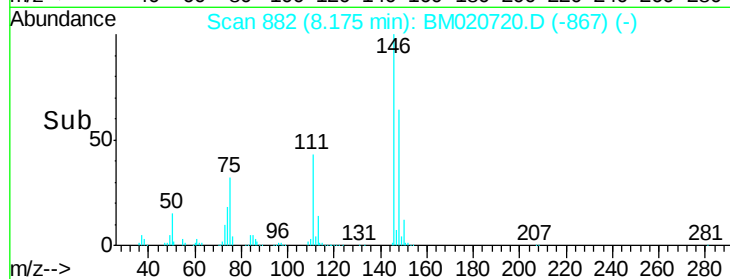
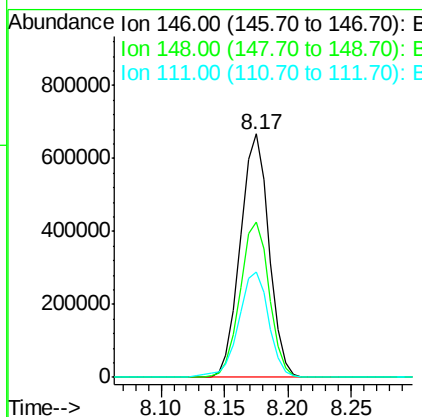
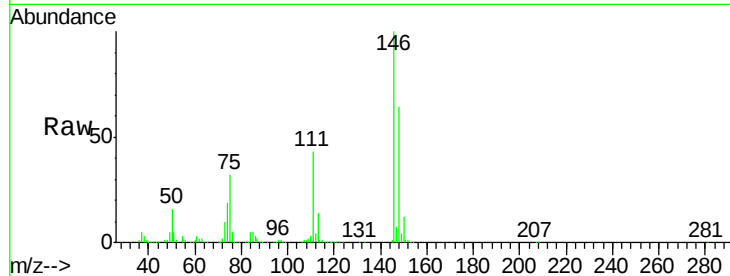
#14
1,2-Dichlorobenzene
Concen: 37.105 ng
RT: 8.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
111	43.5	35.1	52.7

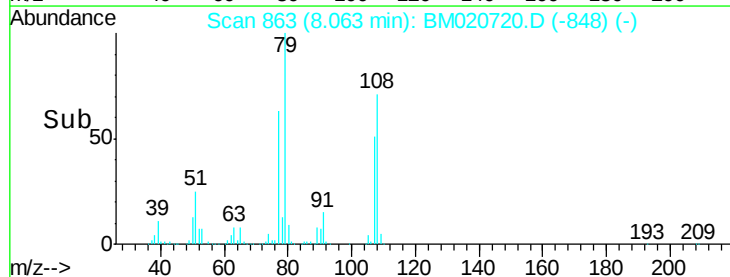
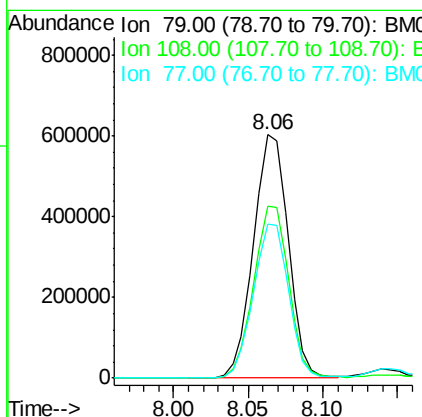
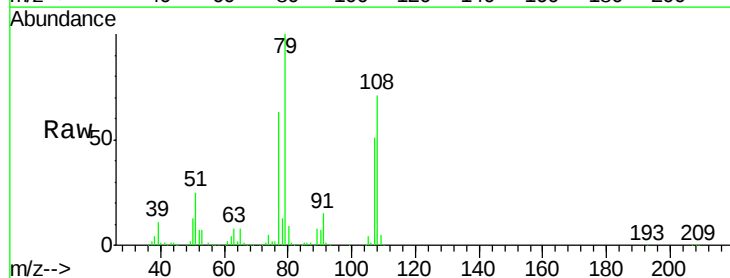
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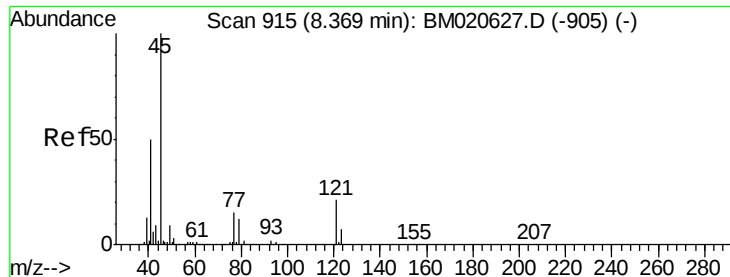
mohammad
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#15
Benzyl Alcohol
Concen: 37.650 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.8	54.9	82.3
77	63.4	50.2	75.4





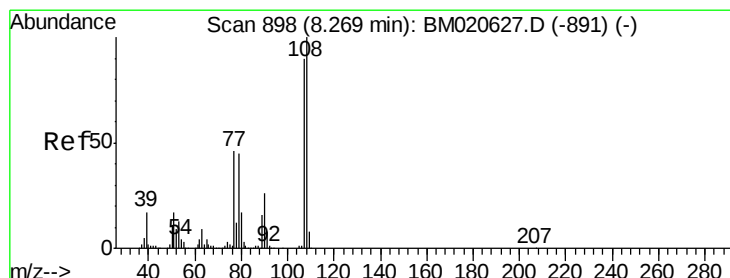
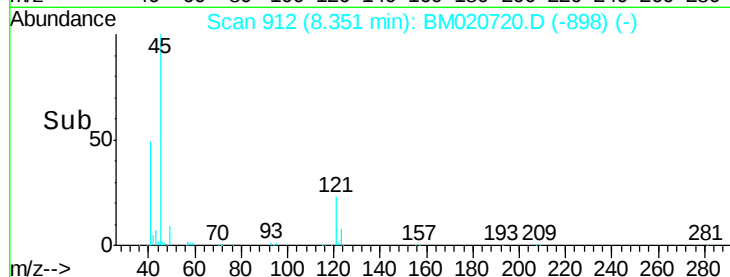
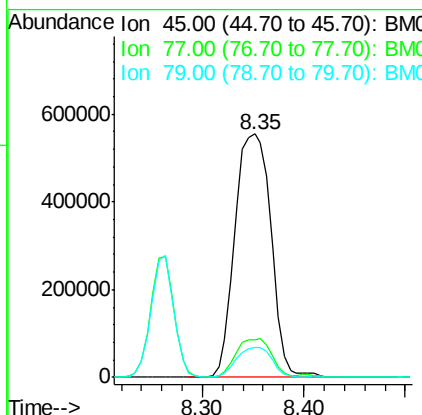
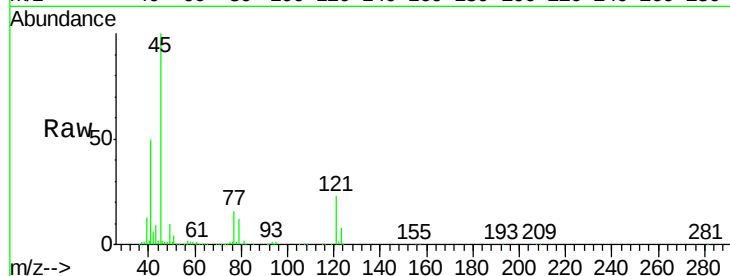
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 35.397 ng
 RT: 8.35 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.9
79	12.0	0.0	31.8

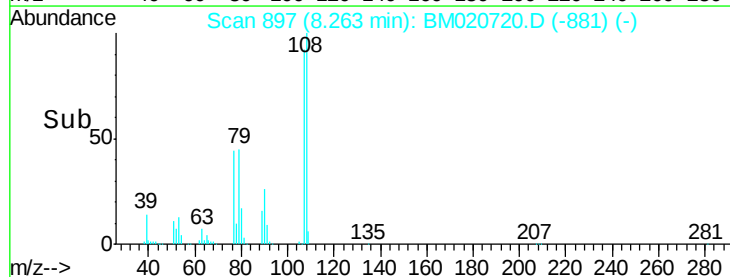
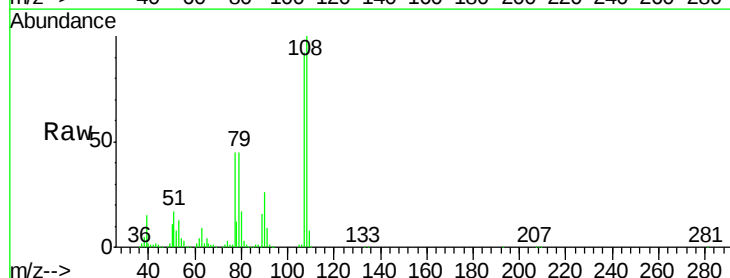
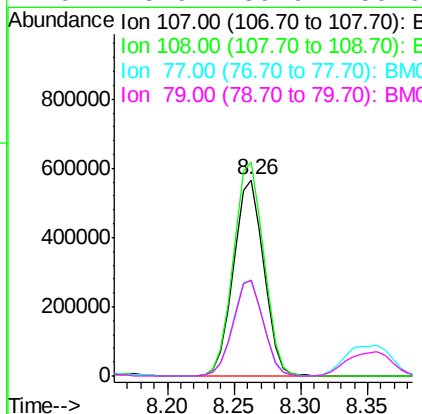
Manual Integrations
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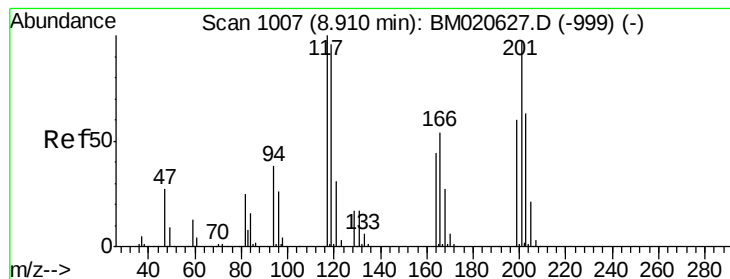
mohammad
 6/5/2019 3:41:48 PM



#17
 2-Methylphenol
 Concen: 40.412 ng
 RT: 8.26 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.6	133.0
77	48.6	40.6	61.0
79	48.9	39.9	59.9





#18

Hexachloroethane

Concen: 35.873 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

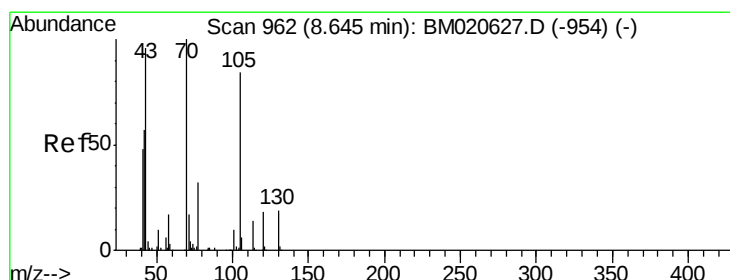
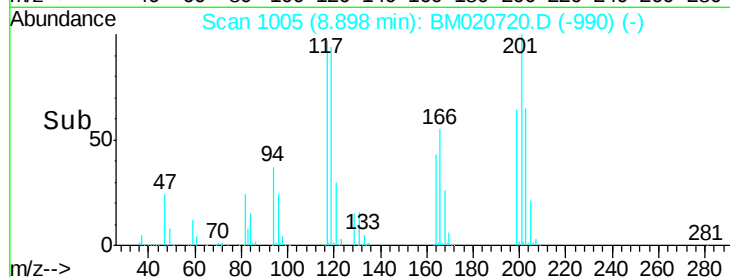
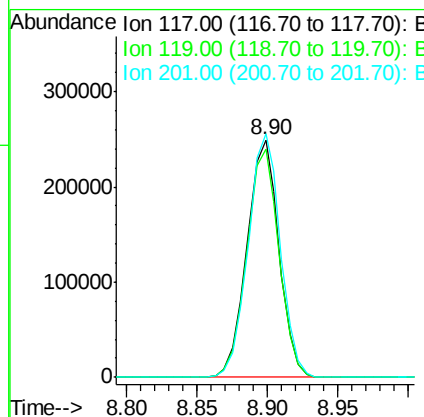
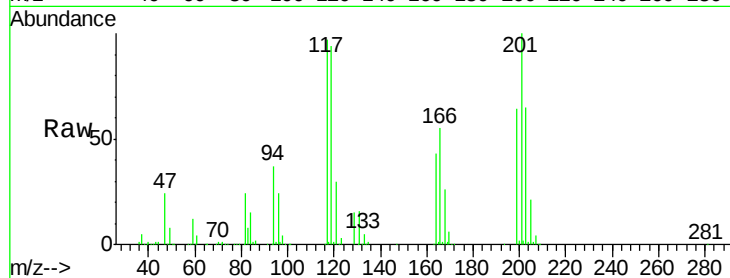
ClientSampleId :

PB120082BS

Tgt Ion:	117	Resp:	396229
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.7	115.1
201	102.6	77.9	116.9

Manual Integrations
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#19

n-Nitroso-di-n-propylamine

Concen: 34.589 ng

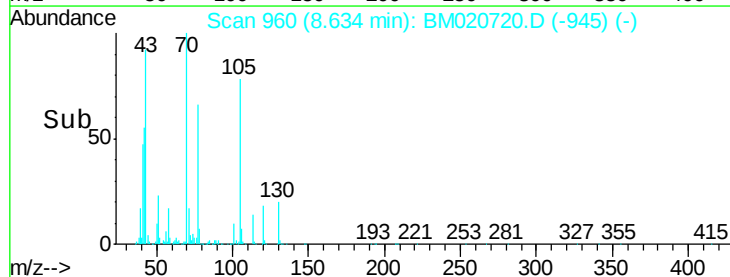
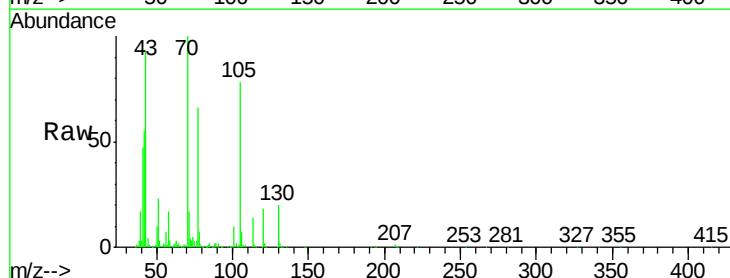
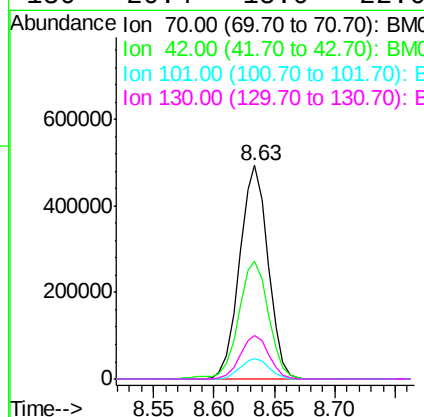
RT: 8.63 min Scan# 960

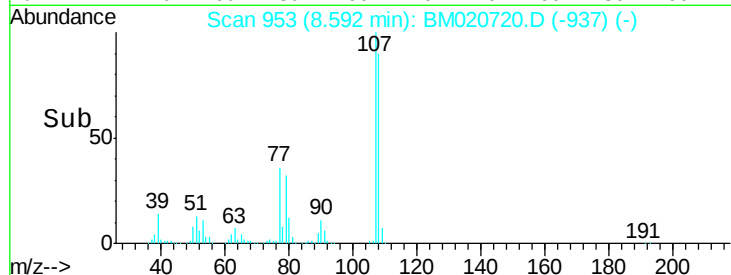
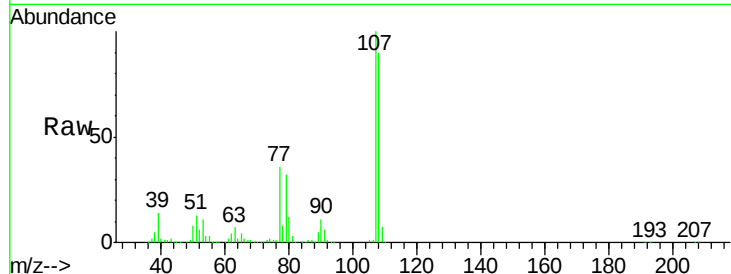
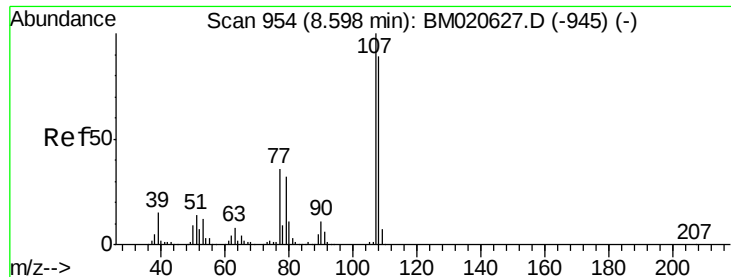
Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

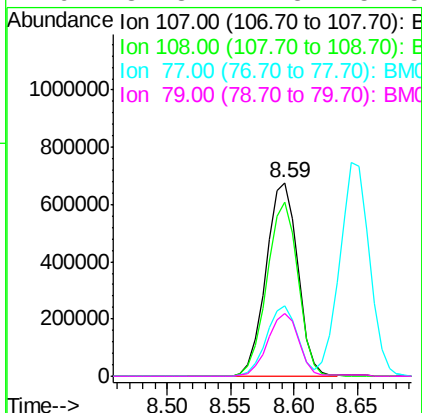
Tgt Ion:	70	Resp:	812602
Ion Ratio	Lower	Upper	
70	100		
42	55.2	46.8	70.2
101	9.9	7.8	11.6
130	20.4	15.0	22.6





#20
3+4-Methylphenols
Concen: 39.074 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

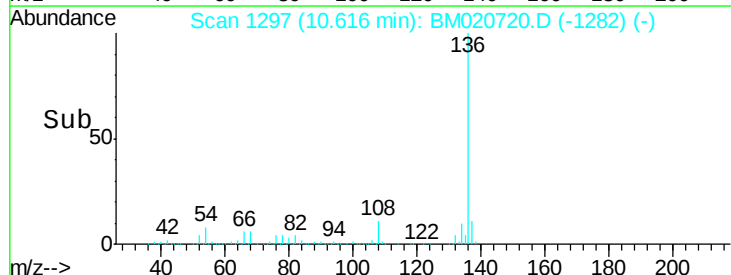
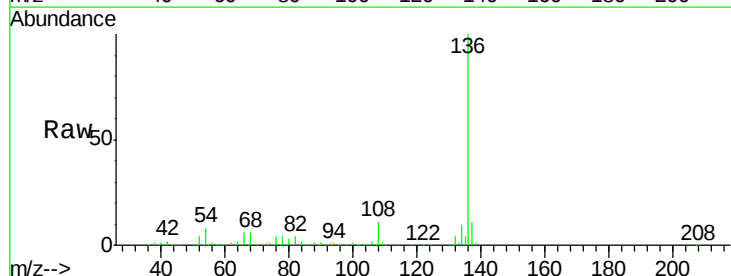
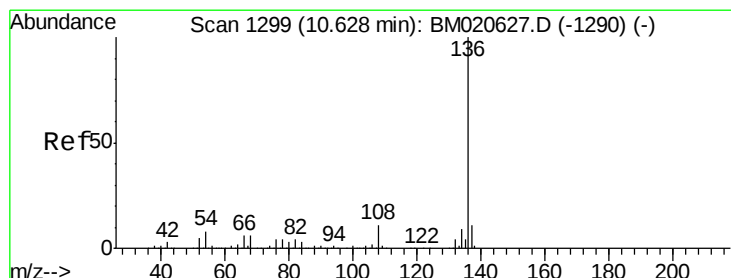
Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.2	109.2
77	36.3	16.2	56.2
79	32.3	12.5	52.5



Instrument :
BNA_M
ClientSampleId :
PB120082BS

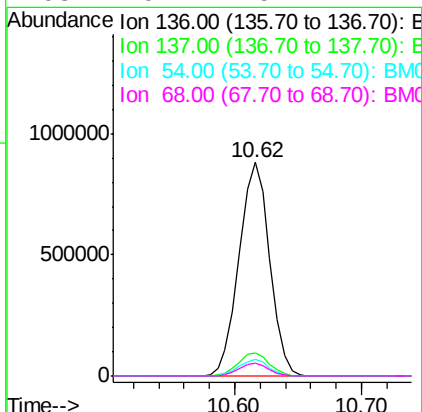
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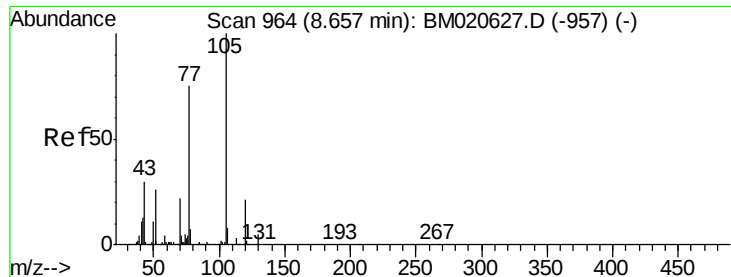
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	6.6	10.0
68	6.1	5.1	7.7





#22

Acetophenone

Concen: 40.539 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM020720.D

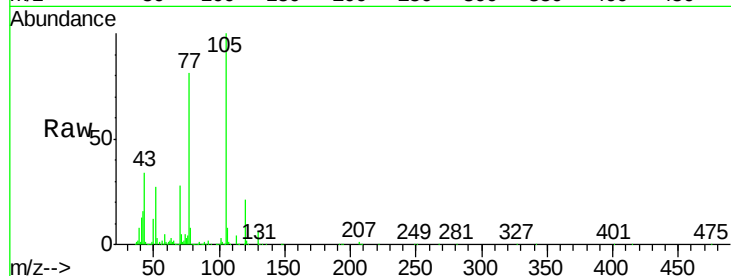
Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampled :

PB120082BS



Tgt Ion: 105 Resp: 1519483

Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 26.6 22.8 34.2

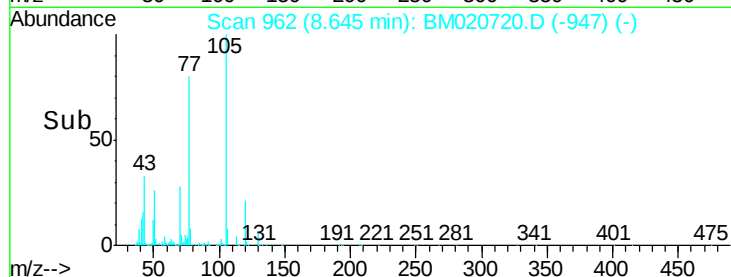
120 21.4 17.0 25.4

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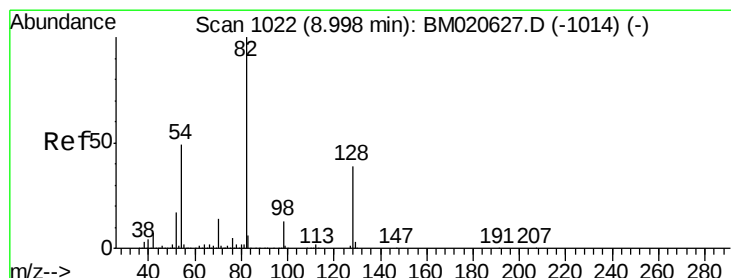
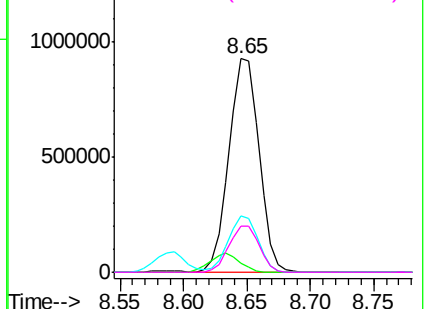


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.254 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

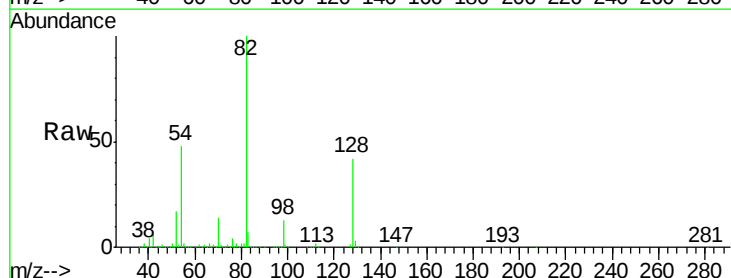
Tgt Ion: 82 Resp: 2057618

Ion Ratio Lower Upper

82 100

128 41.8 31.5 47.3

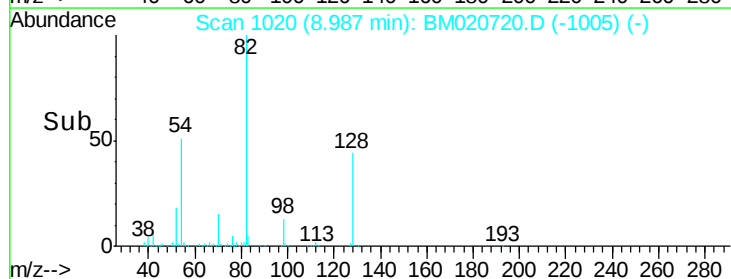
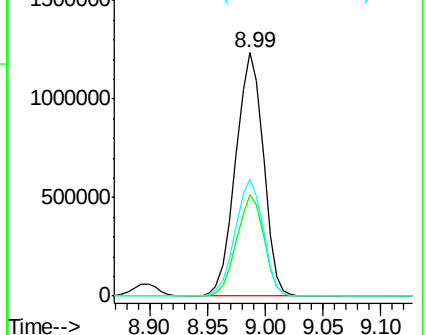
54 48.2 39.4 59.0

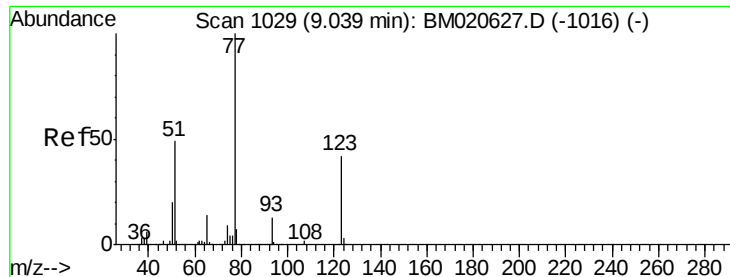


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





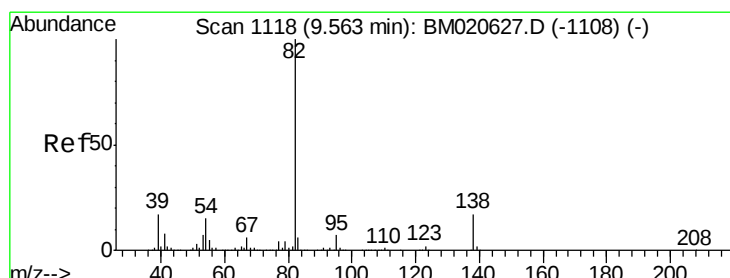
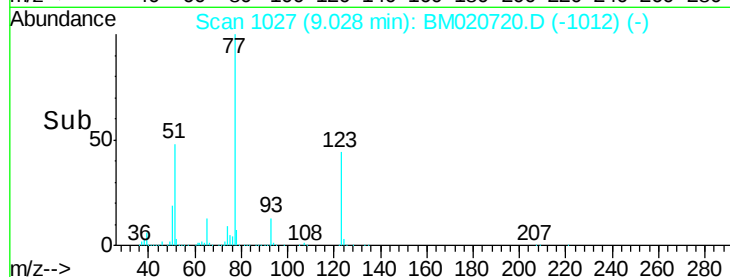
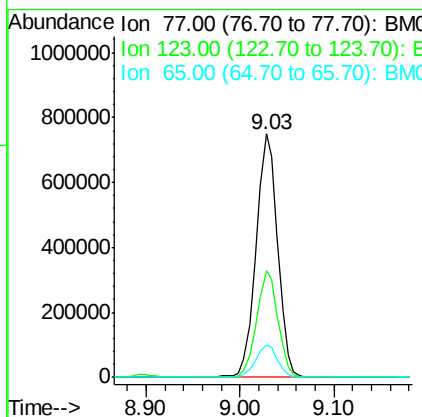
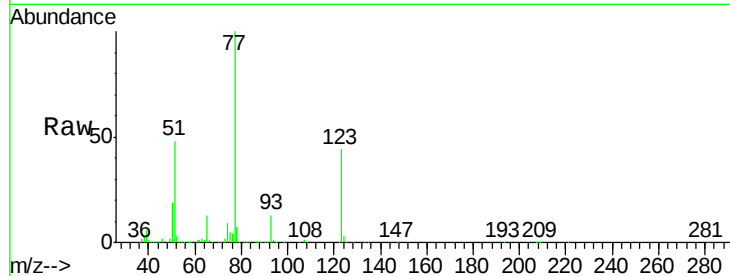
#24
 Nitrobenzene
 Concen: 40.721 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.7	50.5
65	13.3	11.0	16.6

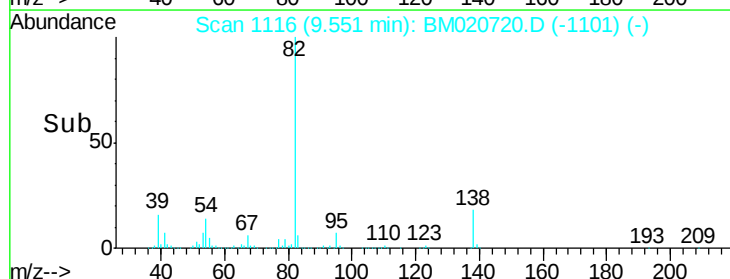
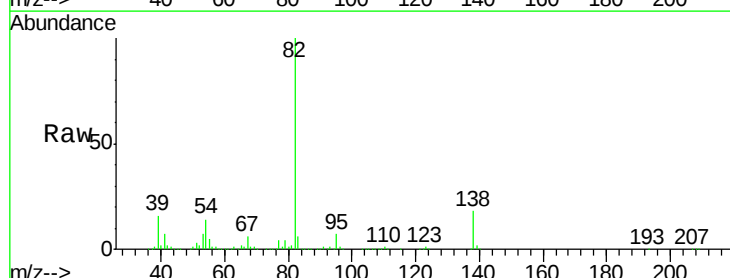
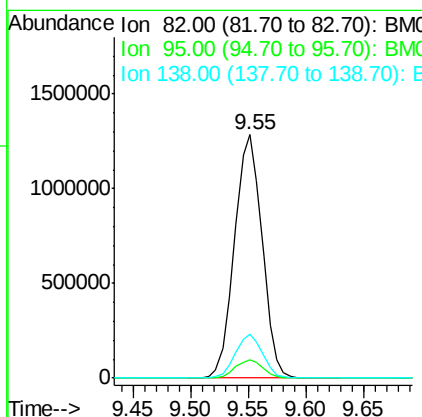
Manual Integrations
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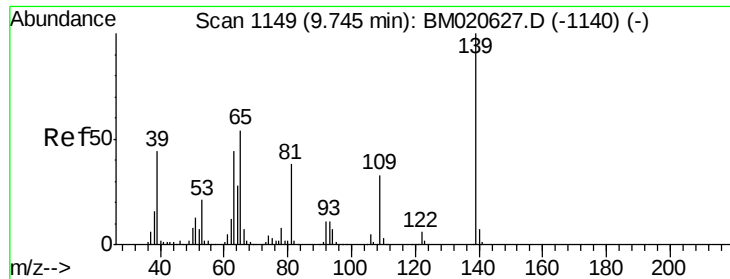
mohammad
 6/5/2019 3:41:48 PM



#25
 Isophorone
 Concen: 37.577 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	17.9	13.8	20.8





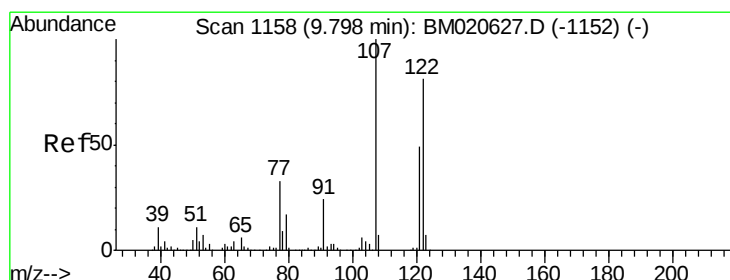
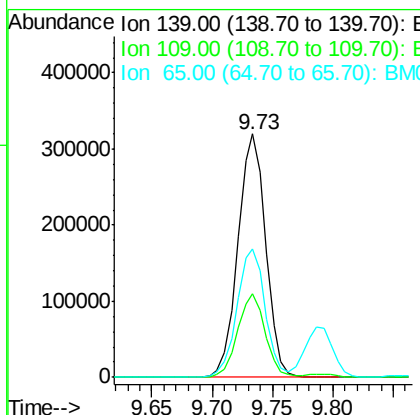
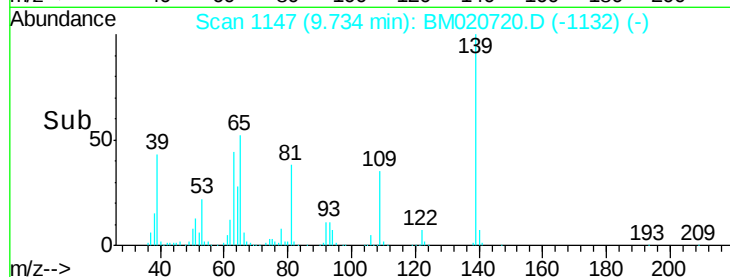
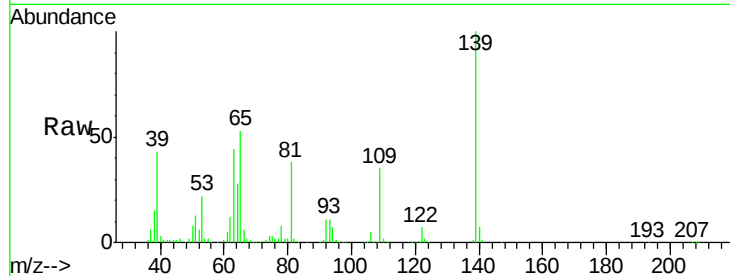
#26
2-Nitrophenol
Concen: 47.405 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	513634		
109	34.6	26.1	39.1	
65	52.7	43.4	65.0	

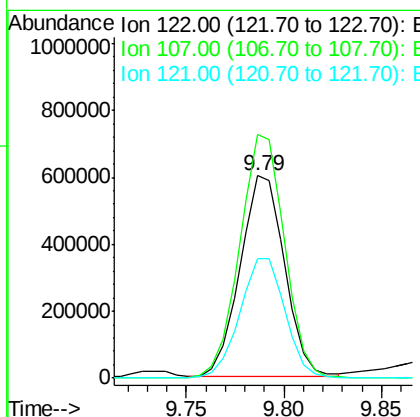
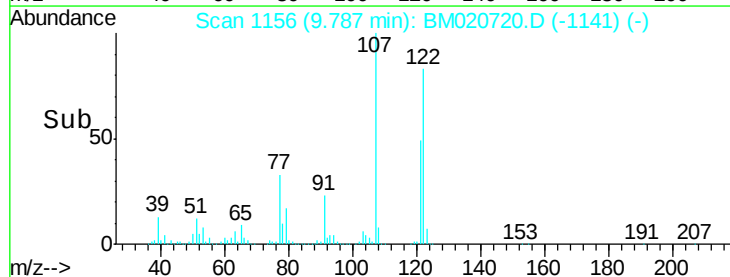
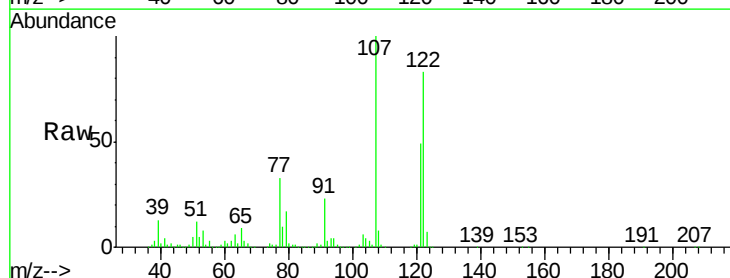
Manual Integrations
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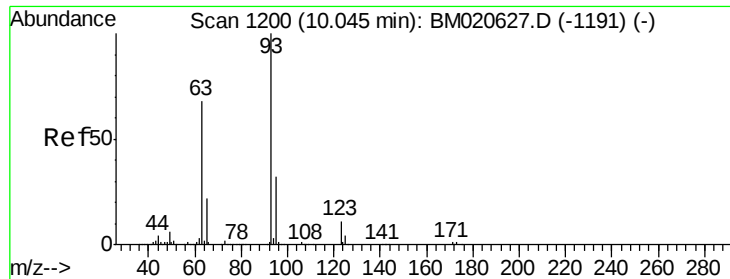
mohammad
6/5/2019 3:41:48 PM



#27
2,4-Dimethylphenol
Concen: 46.483 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	943734		
107	120.3	98.0	147.0	
121	59.0	48.2	72.4	





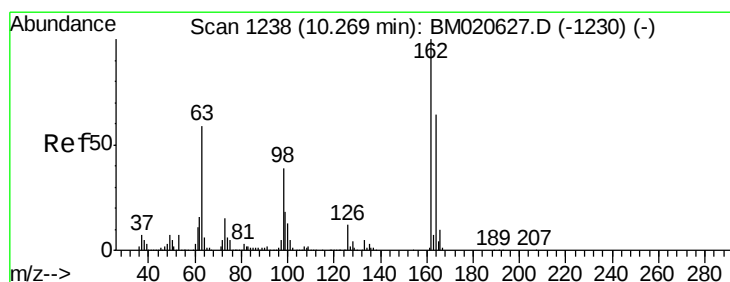
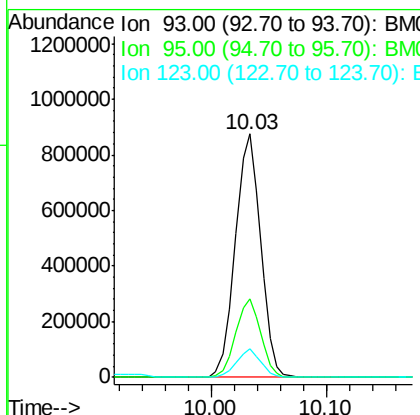
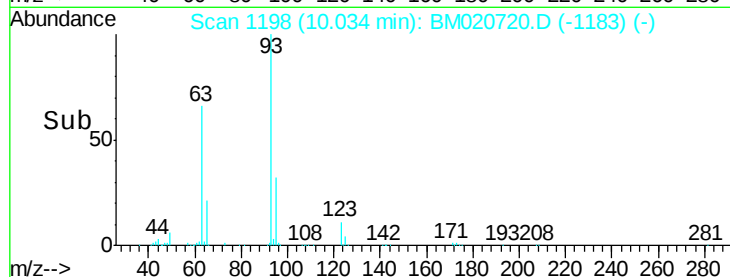
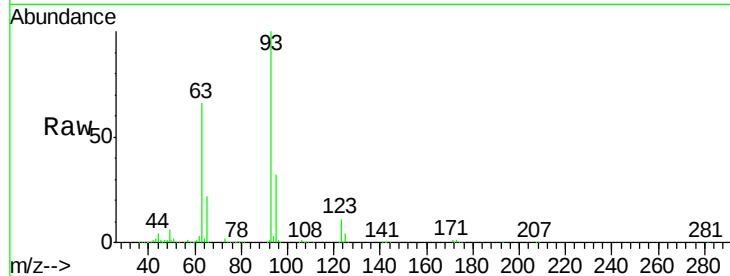
#28
bis(2-Chloroethoxy)methane
Concen: 38.852 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion: 93 Resp: 1330703
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 11.5 9.0 13.6

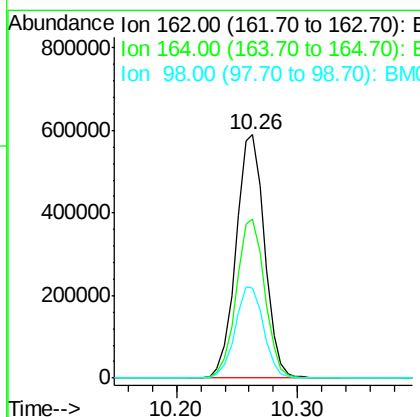
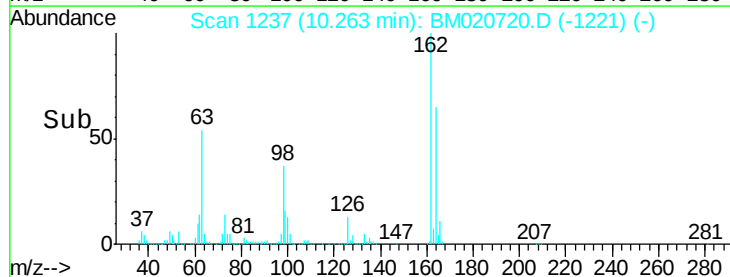
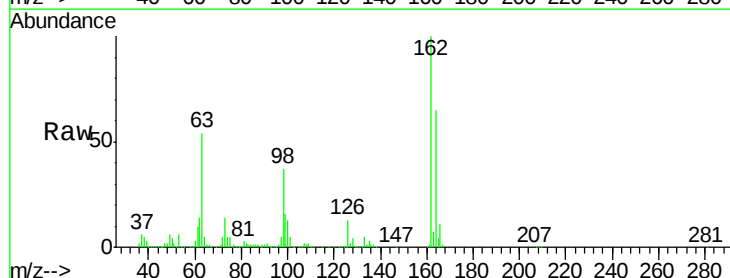
Manual Integrations
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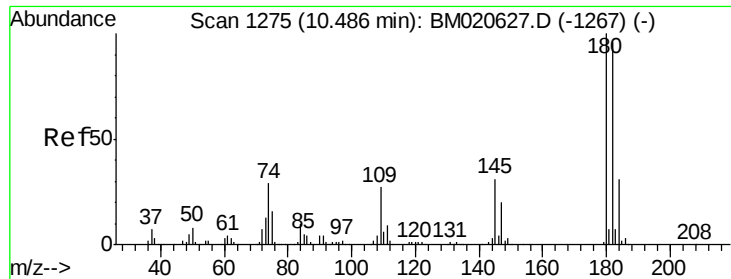
mohammad
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#29
2,4-Dichlorophenol
Concen: 43.362 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion: 162 Resp: 974033
Ion Ratio Lower Upper
162 100
164 65.4 43.8 83.8
98 37.1 19.1 59.1





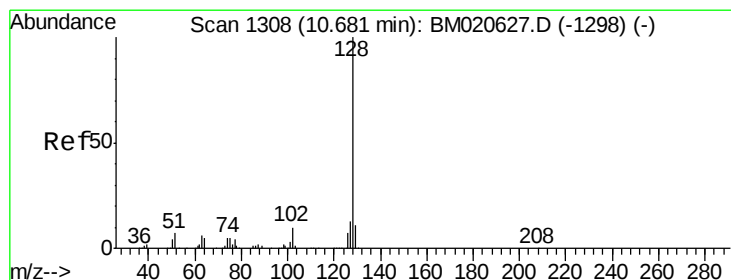
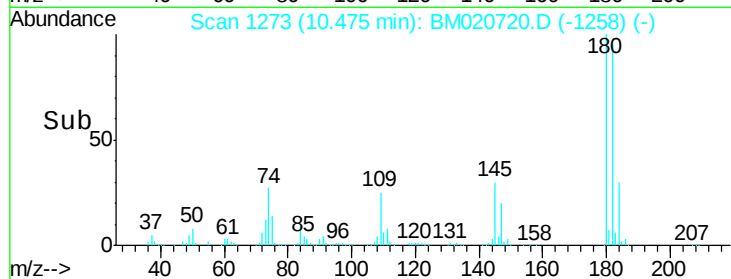
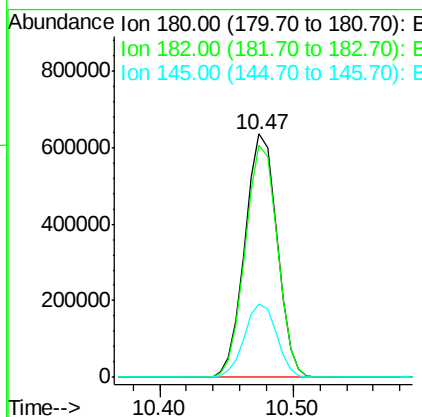
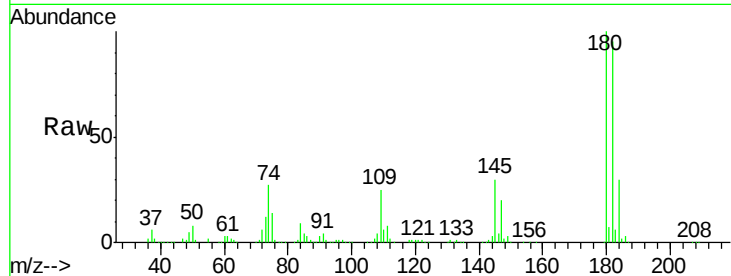
#30
1,2,4-Trichlorobenzene
Concen: 40.958 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion:180 Resp: 1057904
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
145 29.9 25.0 37.4

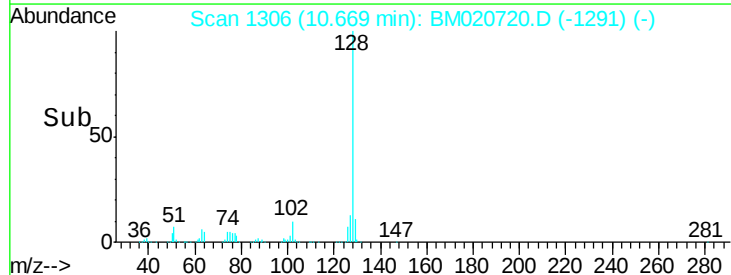
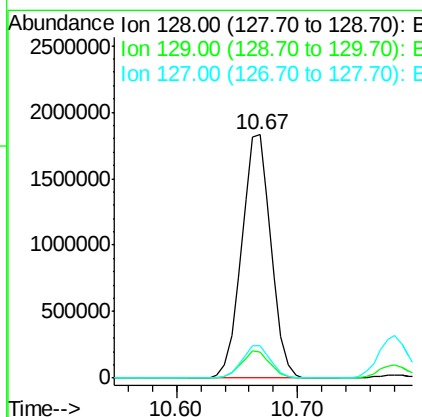
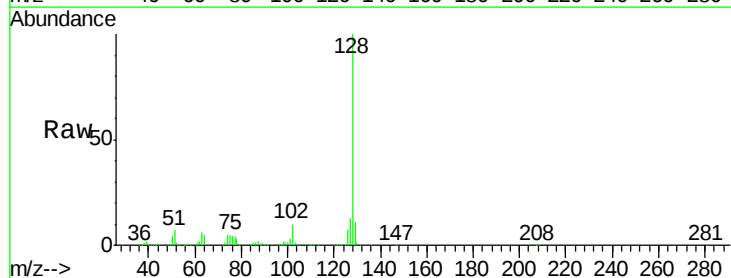
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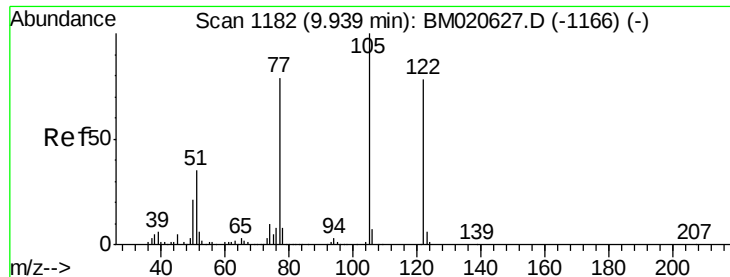
mohammad
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#31
Naphthalene
Concen: 40.740 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion:128 Resp: 3091097
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.3 15.5





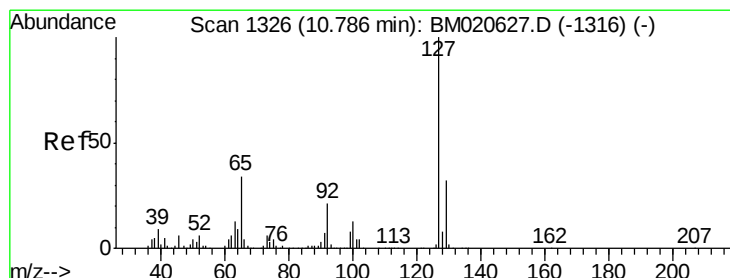
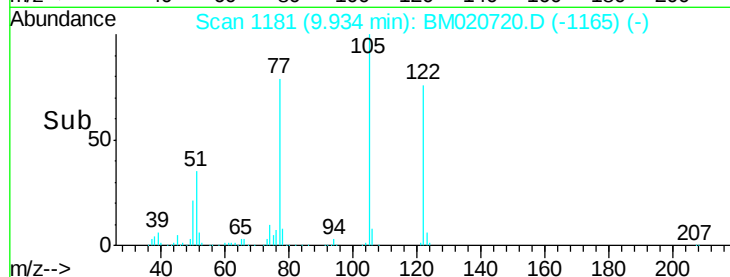
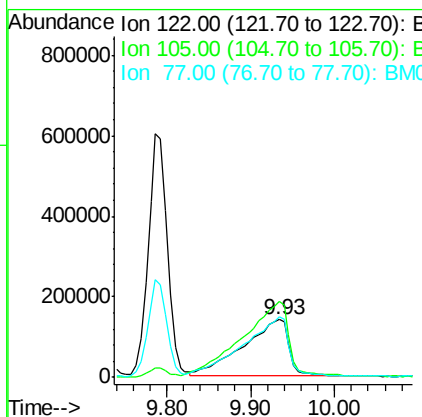
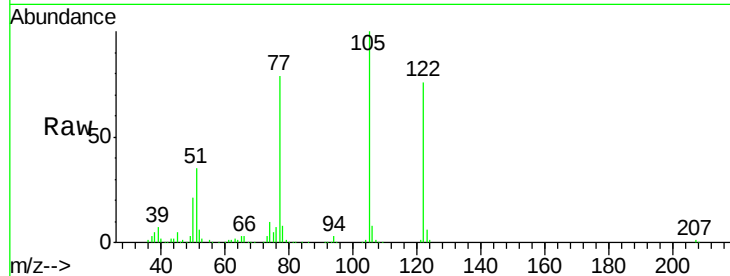
#32
Benzoic acid
Concen: 42.569 ng m
RT: 9.93 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.3	107.0	147.0	
77	103.9	80.9	120.9	

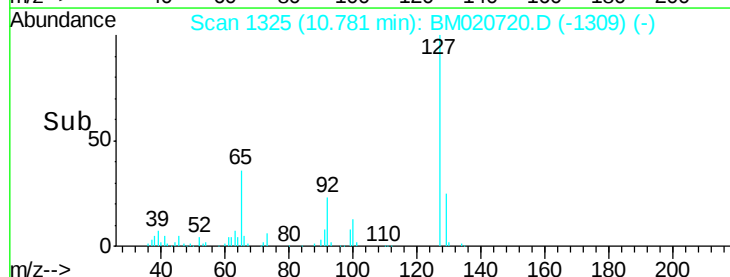
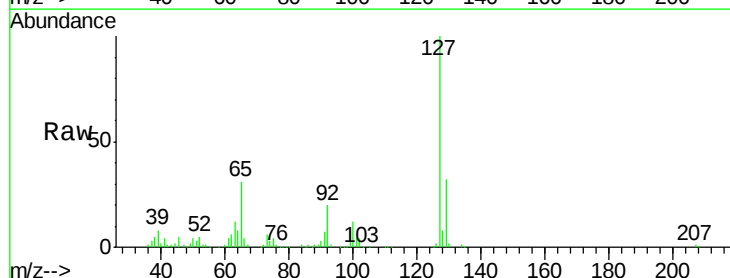
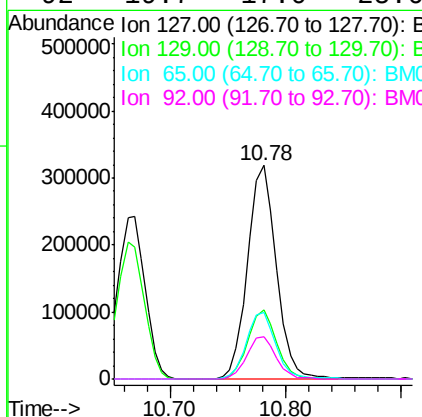
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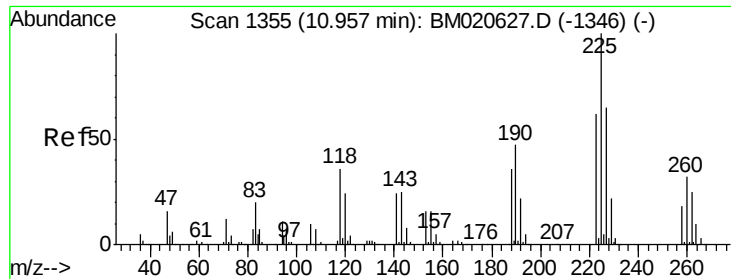
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#33
4-Chloroaniline
Concen: 15.666 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.7	38.5	
65	31.2	27.4	41.0	
92	19.7	17.0	25.6	





#34

Hexachlorobutadiene

Concen: 39.962 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

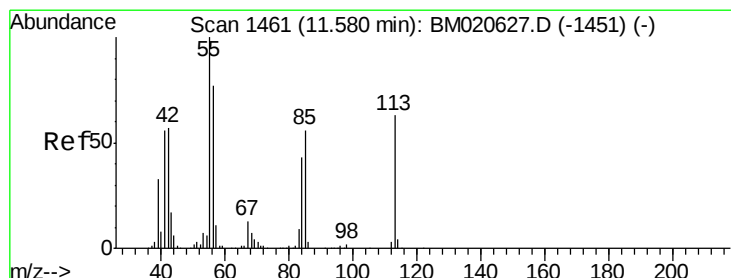
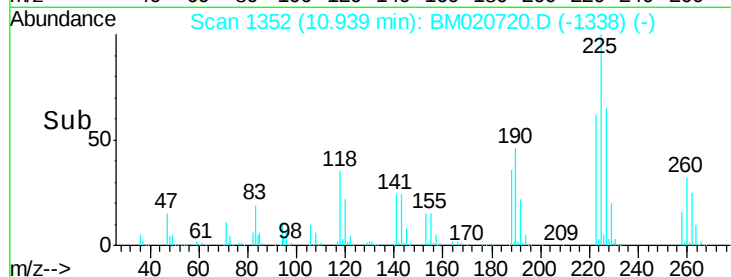
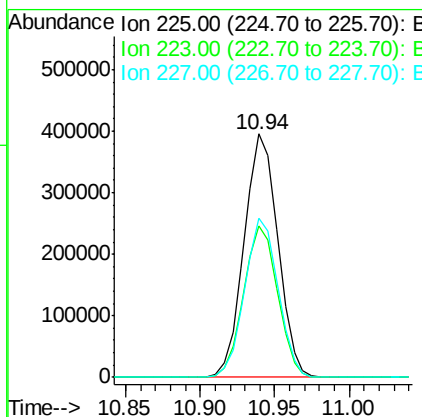
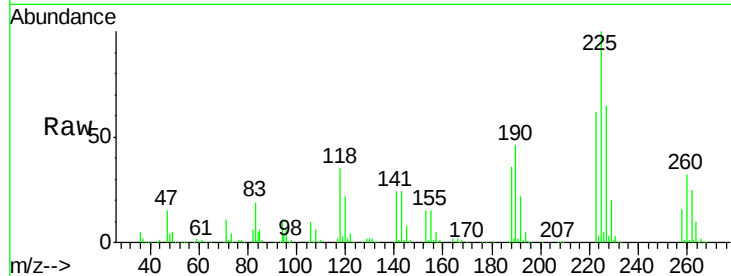
ClientSampled :

PB120082BS

Tgt Ion:	225	Resp:	619319
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.7	74.5
227	65.2	51.8	77.8

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#35

Caprolactam

Concen: 34.370 ng m

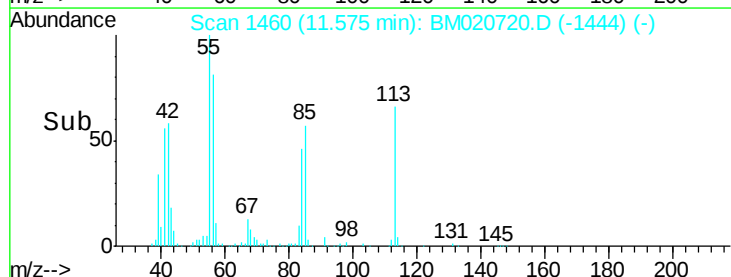
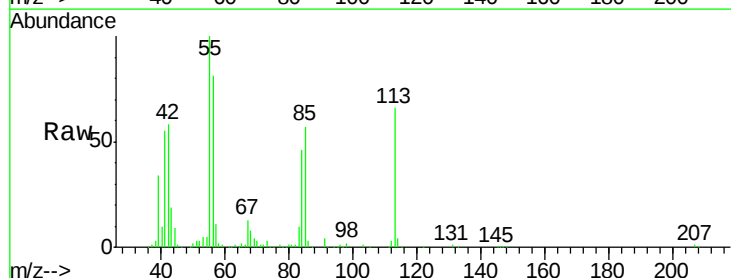
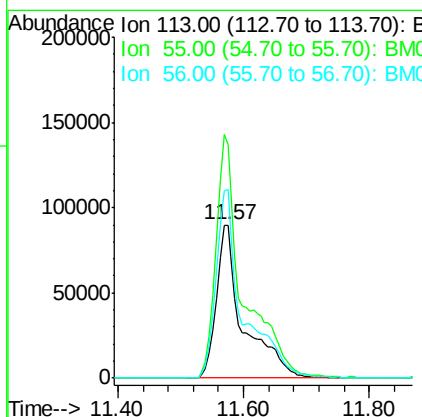
RT: 11.57 min Scan# 1460

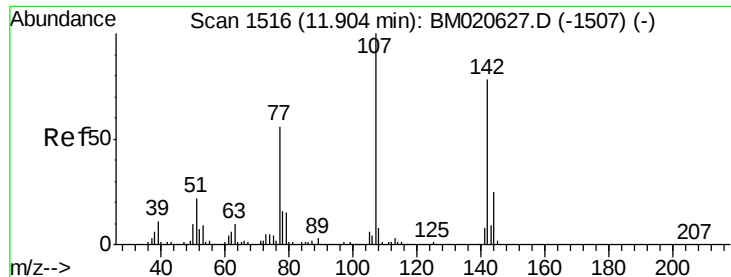
Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Tgt Ion:	113	Resp:	268208
Ion Ratio	Lower	Upper	
113	100		
55	152.1	138.6	178.6
56	122.9	102.3	142.3





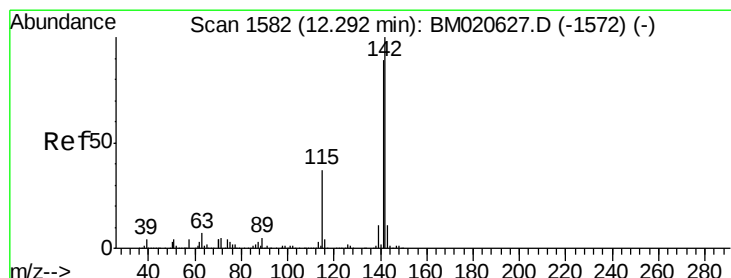
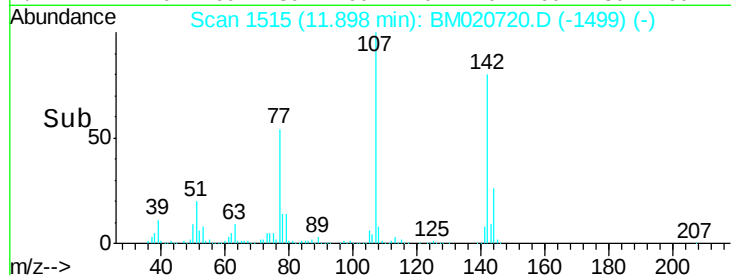
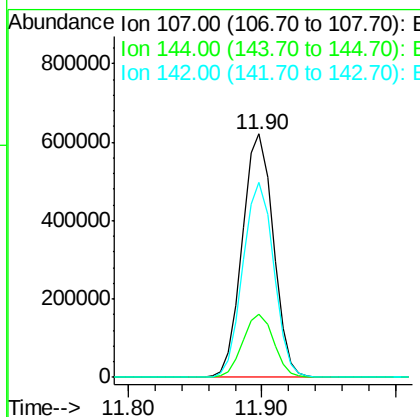
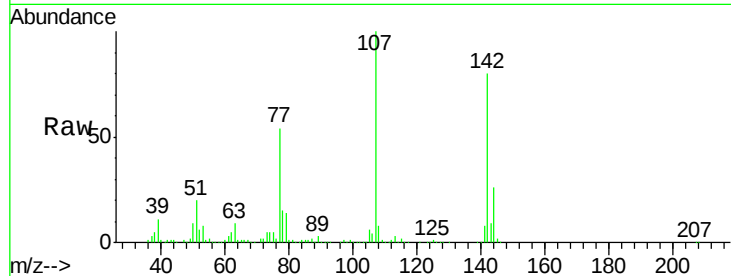
#36
 4-Chloro-3-methylphenol
 Concen: 38.257 ng
 RT: 11.90 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	999134		
144	25.7	20.3	30.5	
142	80.1	62.6	93.8	

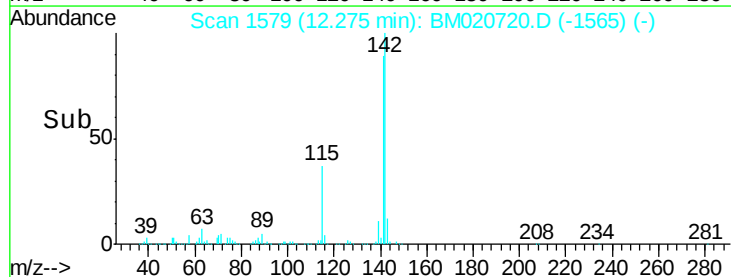
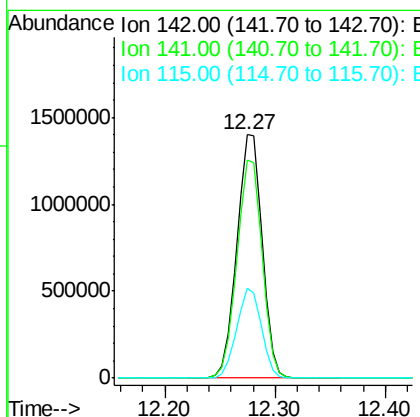
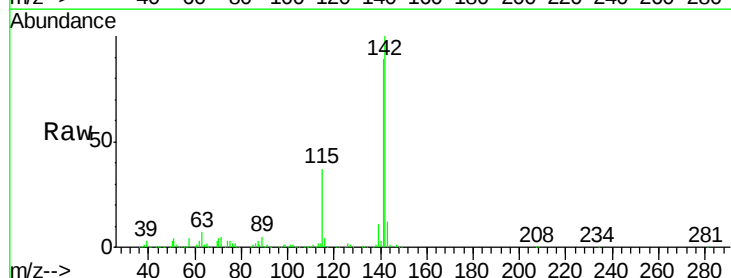
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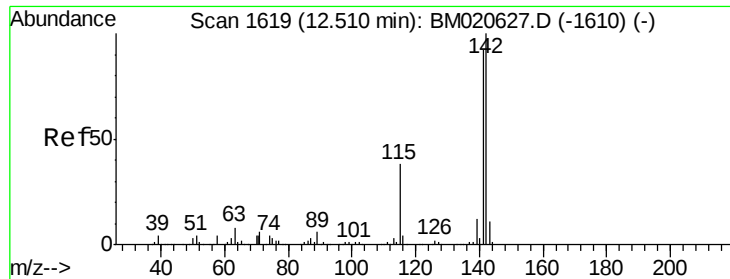
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#37
 2-Methylnaphthalene
 Concen: 40.230 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	2262533		
141	89.4	71.6	107.4	
115	36.9	29.6	44.4	





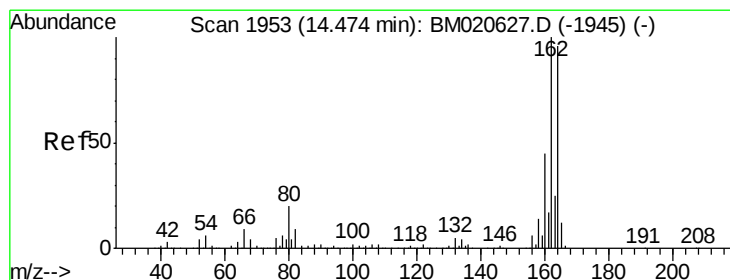
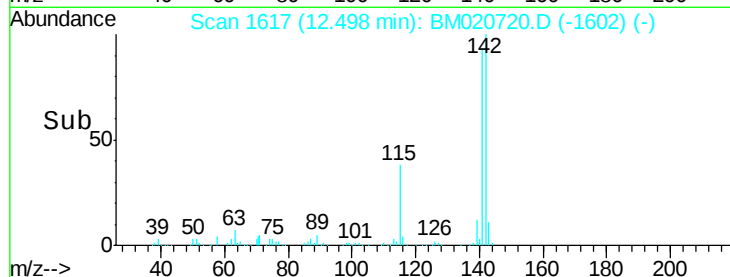
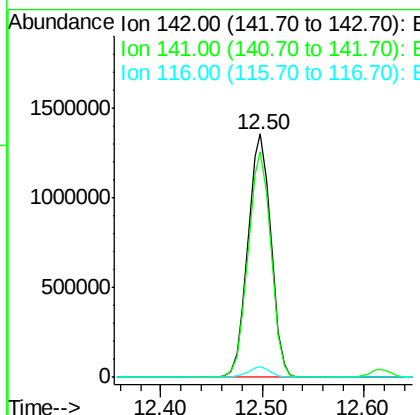
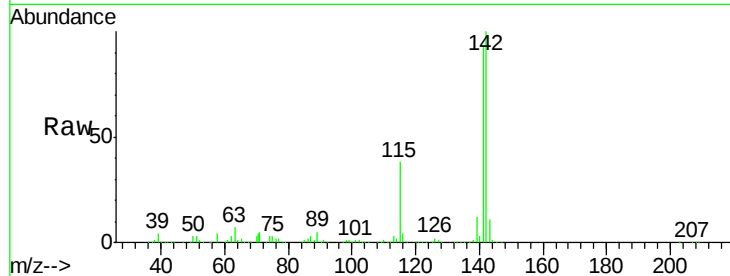
#38
1-Methylnaphthalene
Concen: 39.859 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion:142 Resp: 2134479
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9
116 4.1 3.2 4.8

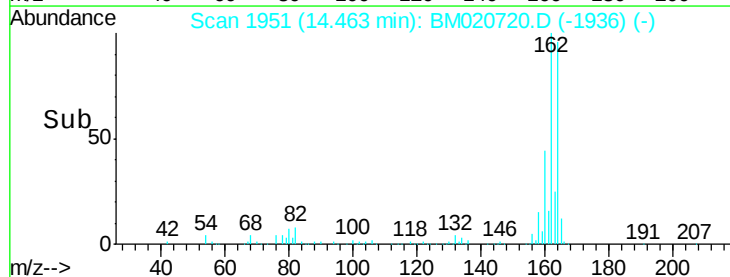
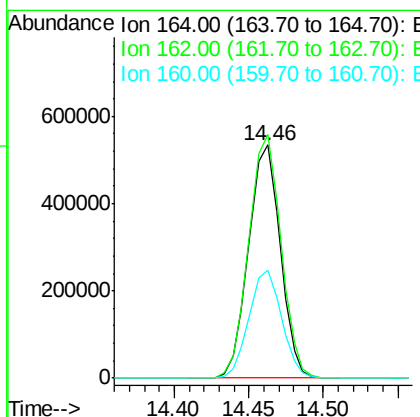
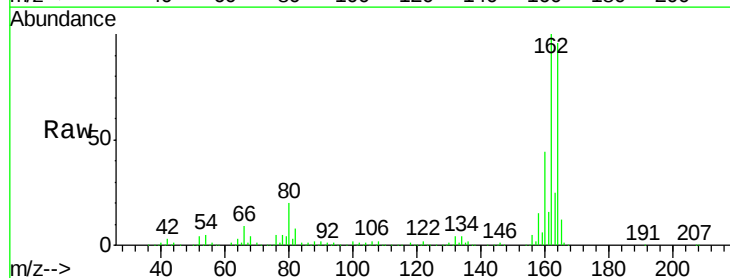
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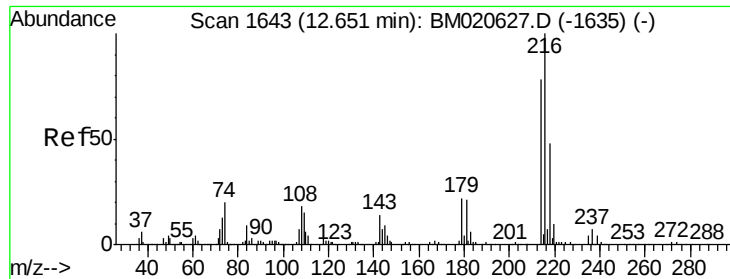
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion:164 Resp: 783592
Ion Ratio Lower Upper
164 100
162 104.6 83.2 124.8
160 46.4 37.5 56.3





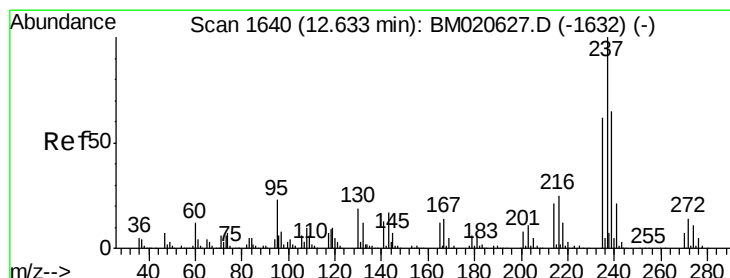
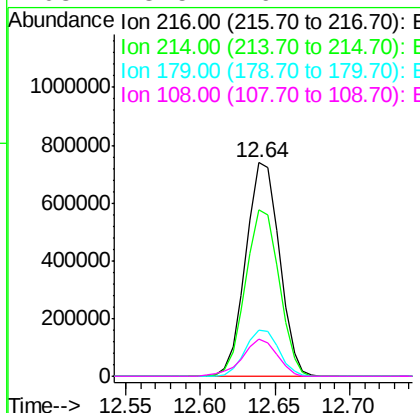
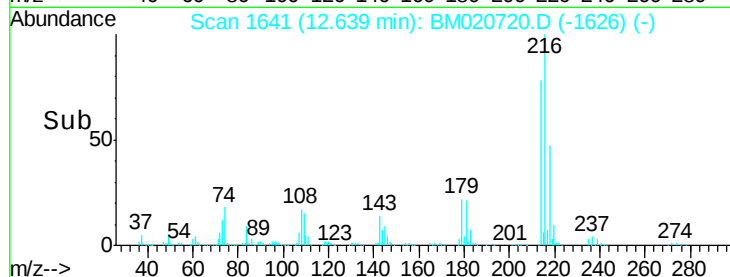
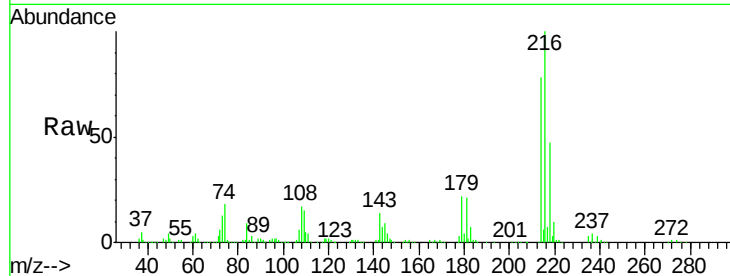
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.900 ng
 RT: 12.64 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	21.7	17.9	26.9
108	18.5	16.2	24.2

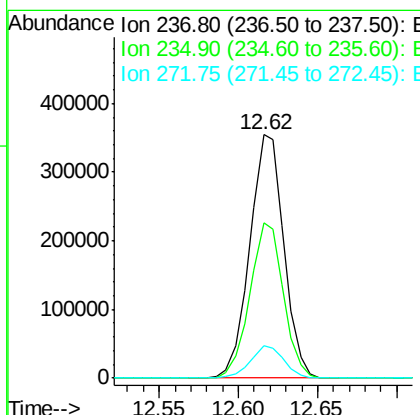
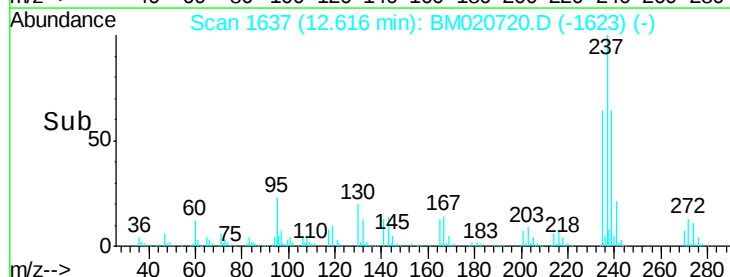
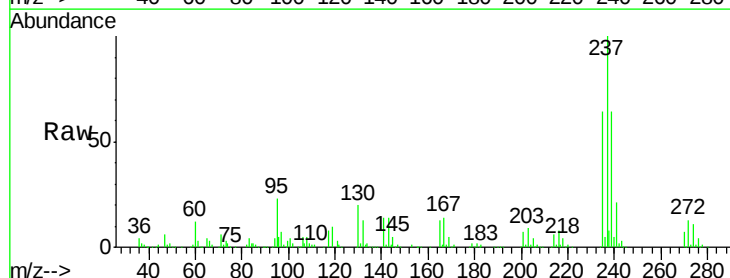
Manual Integrations
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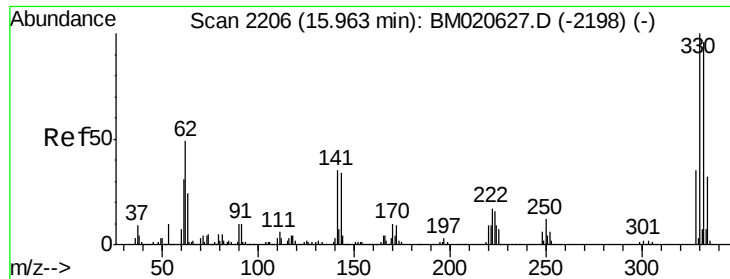
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#41
 Hexachlorocyclopentadiene
 Concen: 34.397 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.1	82.1
272	13.3	0.0	33.5





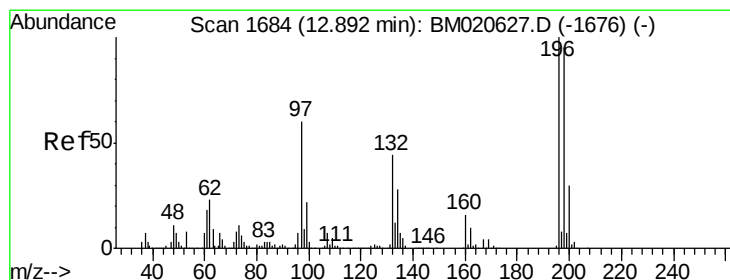
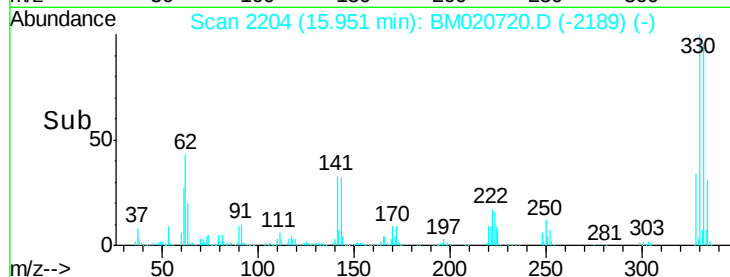
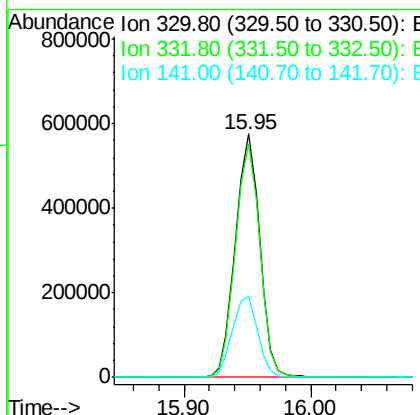
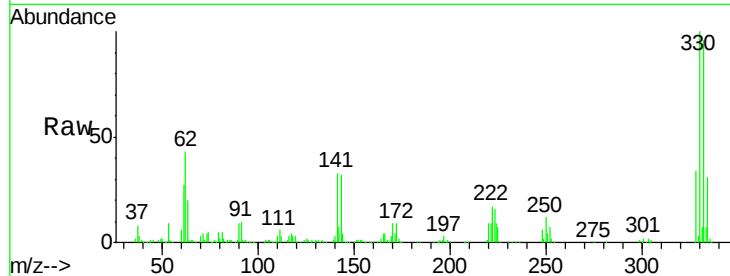
#42
 2,4,6-Tribromophenol
 Concen: 78.870 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	765725		
332	96.2		77.4	116.0
141	34.9		30.4	45.6

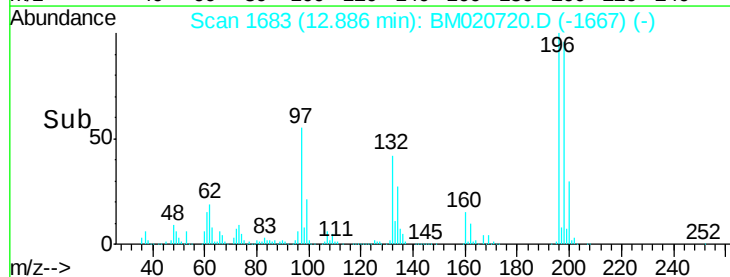
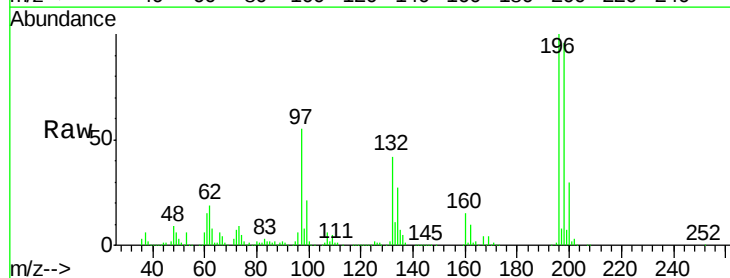
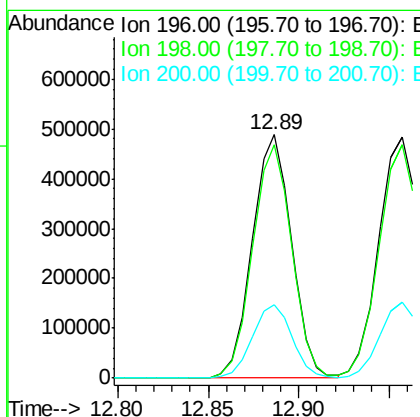
Manual Integrations
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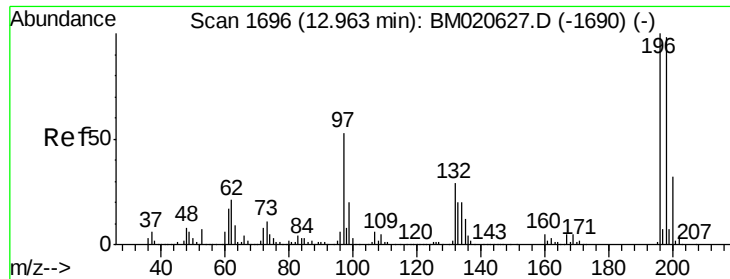
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#43
 2,4,6-Trichlorophenol
 Concen: 44.437 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	734498		
198	95.8		75.7	113.5
200	30.3		23.9	35.9





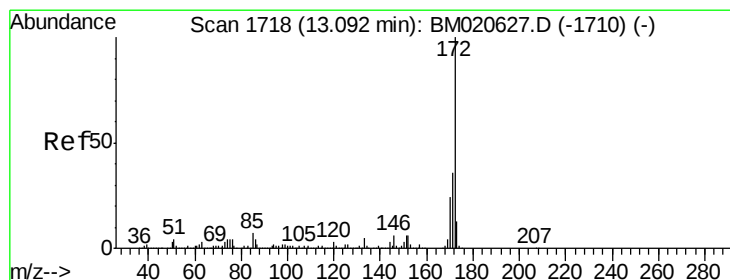
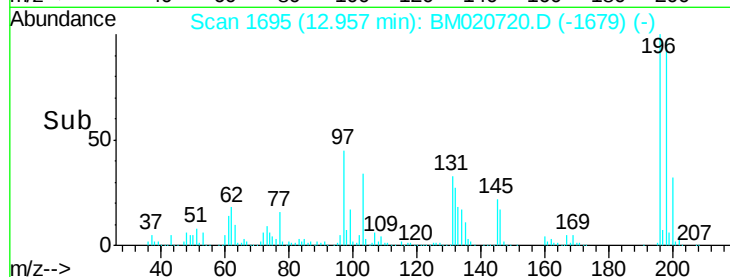
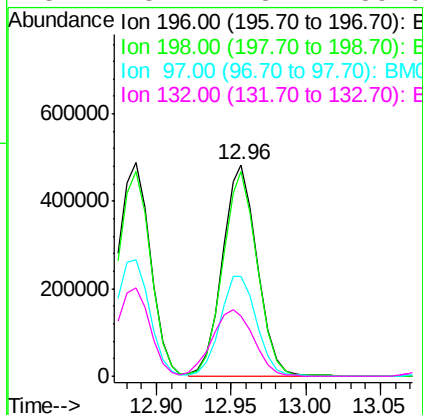
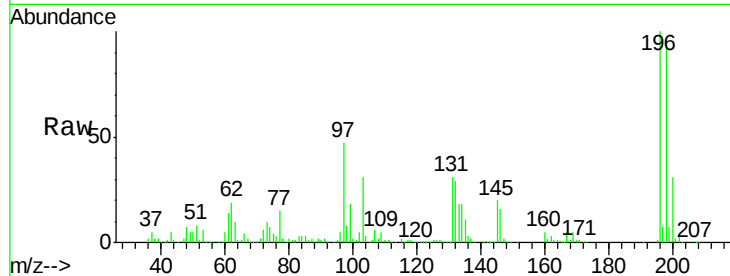
#44
2,4,5-Trichlorophenol
Concen: 45.643 ng
RT: 12.96 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	778881		
198	97.0	78.6	117.8	
97	47.3	42.7	64.1	
132	28.7	23.4	35.0	

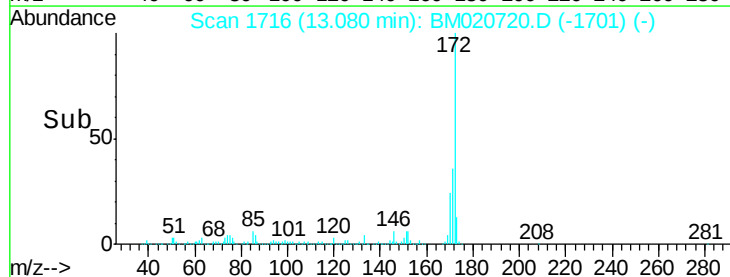
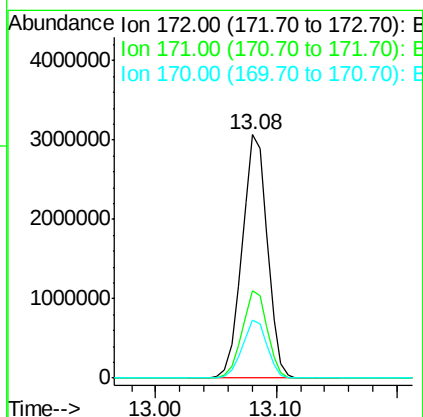
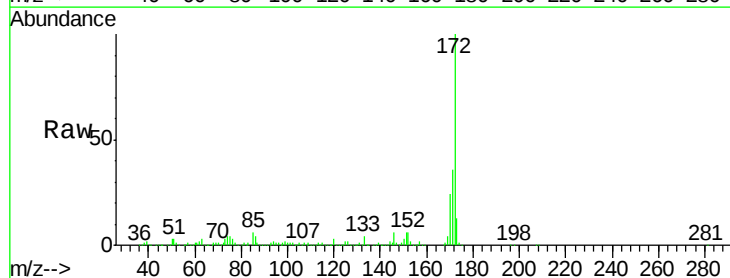
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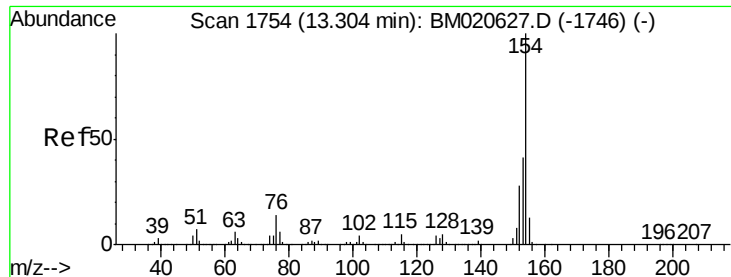
mohammad
6/5/2019 3:41:48 PM



#45
2-Fluorobiphenyl
Concen: 75.961 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4477234		
171	36.1	28.6	43.0	
170	23.8	18.9	28.3	





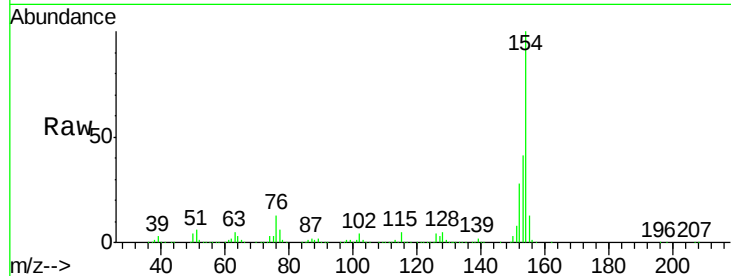
#46
1,1'-Biphenyl
Concen: 43.159 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	12.7	0.0	34.0

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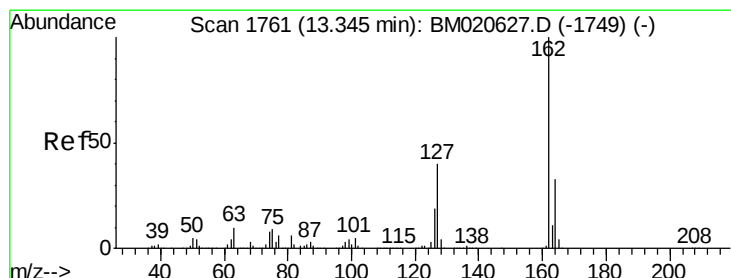
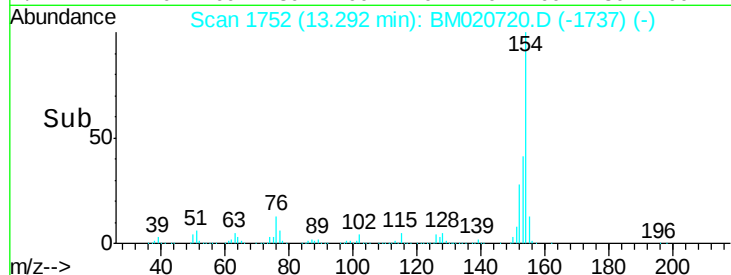
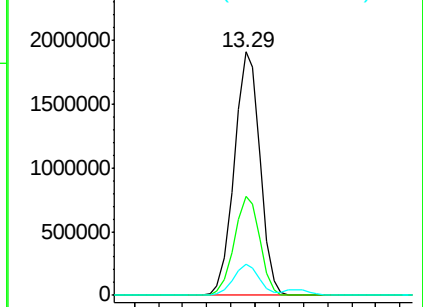


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#47
2-Chloronaphthalene
Concen: 41.162 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

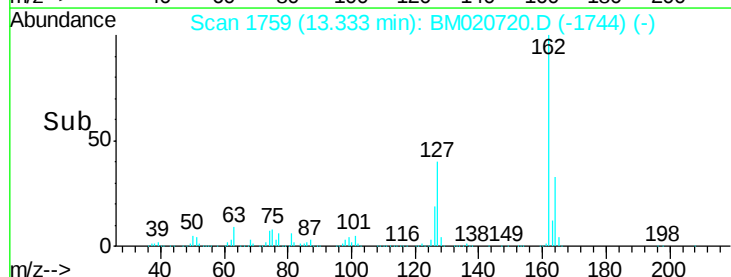
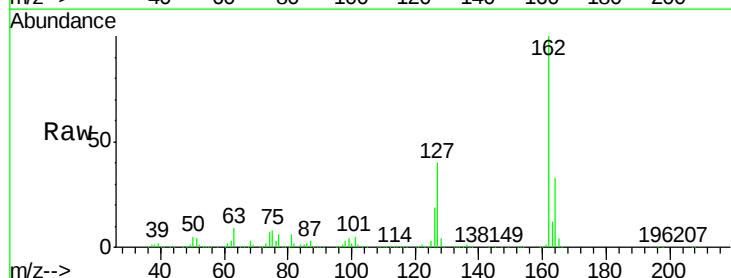
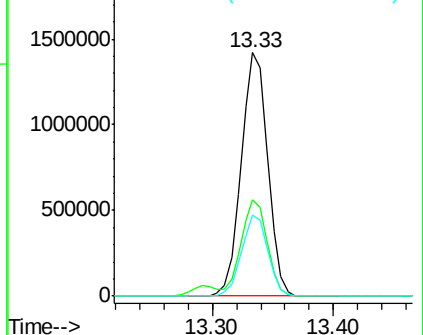
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	33.0	26.6	39.8

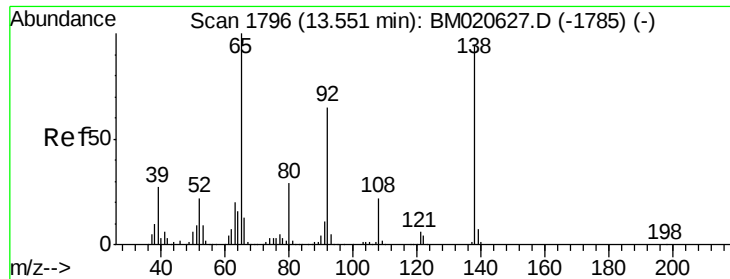
Abundance

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





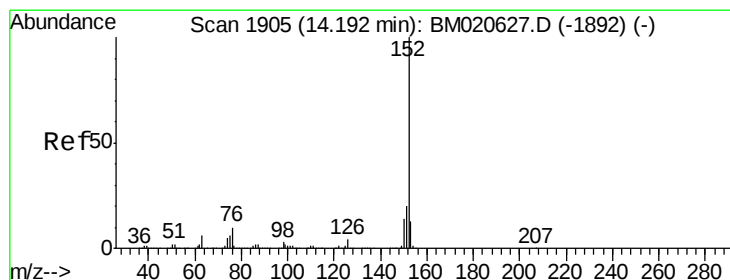
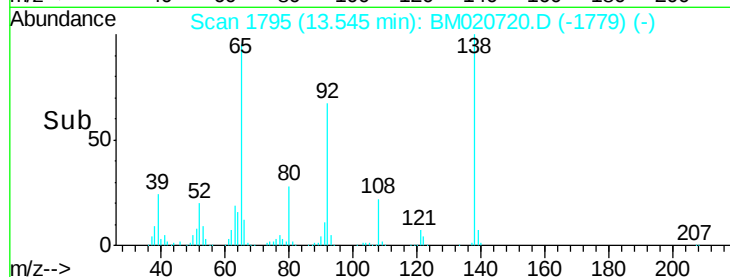
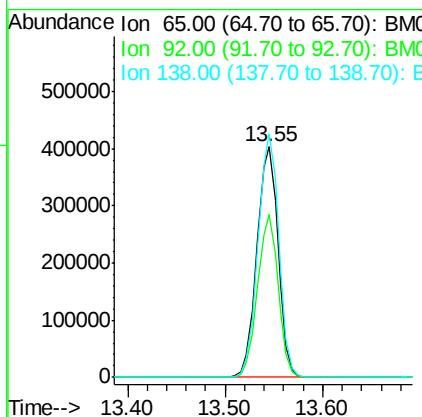
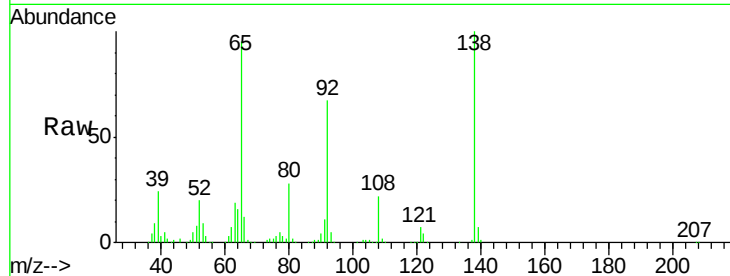
#48
2-Nitroaniline
Concen: 36.926 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	52.2	78.4
138	105.6	75.4	113.0

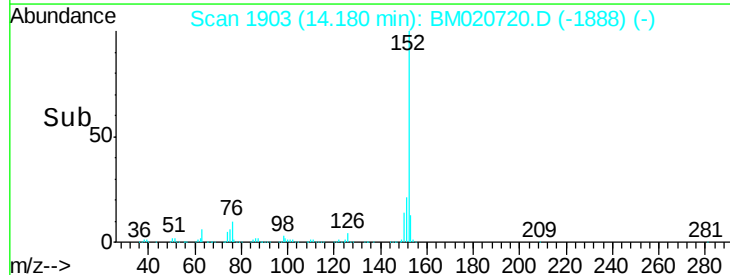
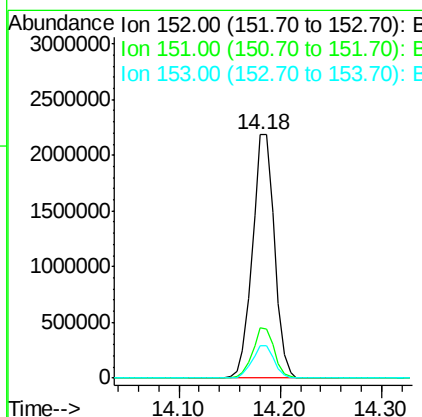
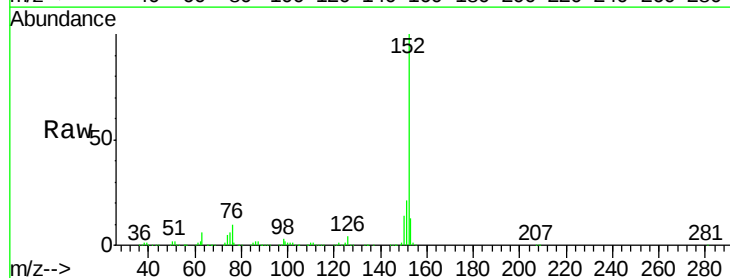
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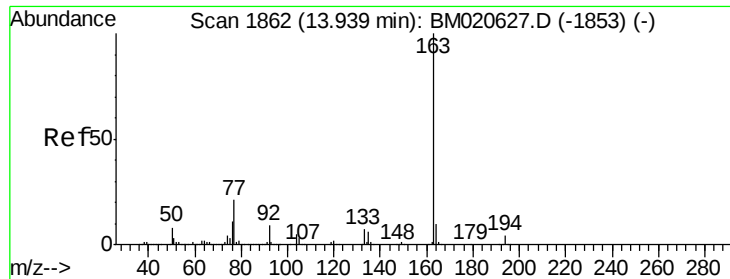
mohammad
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#49
Acenaphthylene
Concen: 39.920 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.2	10.6	15.8





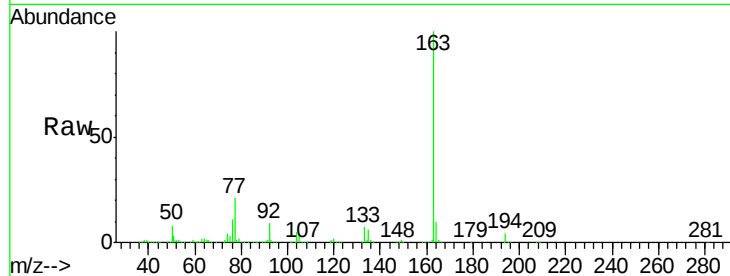
#50
Dimethylphthalate
Concen: 38.902 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

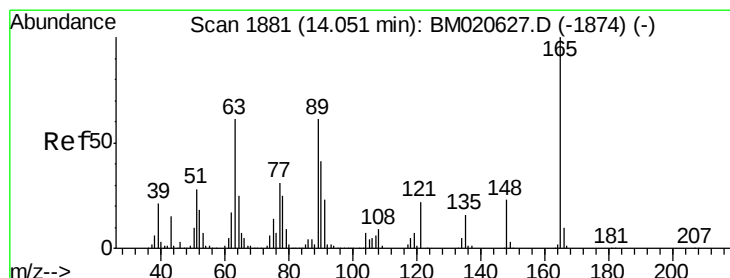
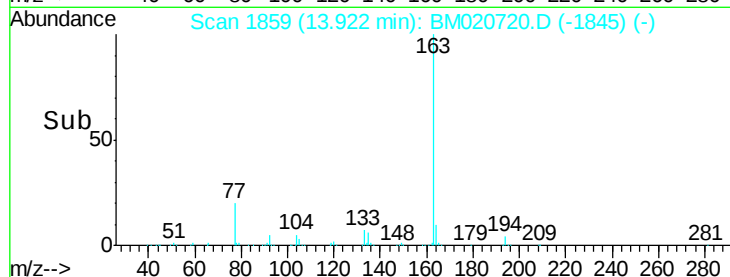
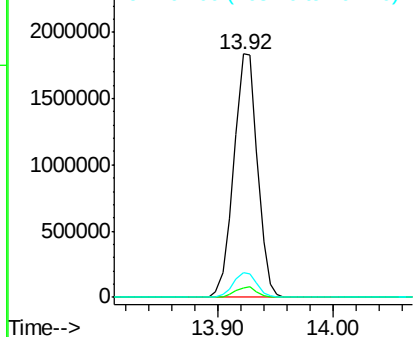
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.9	11.9

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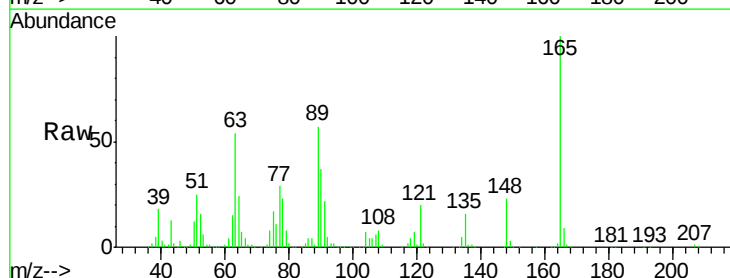


Abundance Ion 163.00 (162.70 to 163.70): E
2500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

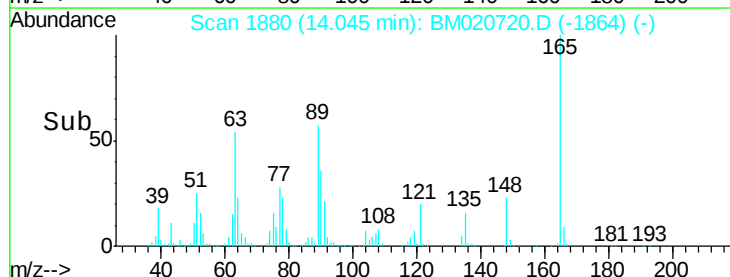
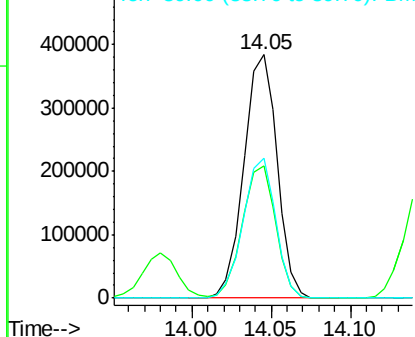


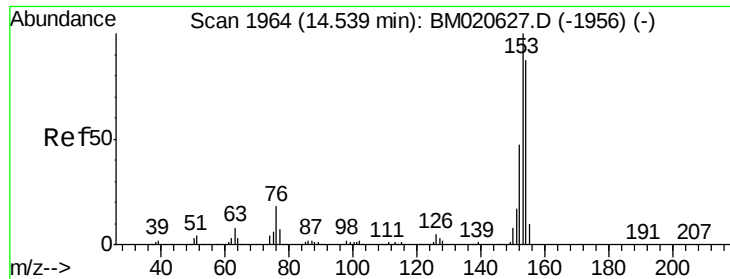
#51
2,6-Dinitrotoluene
Concen: 41.091 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.5	50.4	75.6
89	57.2	49.1	73.7



Abundance Ion 165.00 (164.70 to 165.70): E
500000
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 40.369 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Tgt Ion:154 Resp: 1982610

Ion Ratio Lower Upper

154 100

153 114.1 92.4 138.6

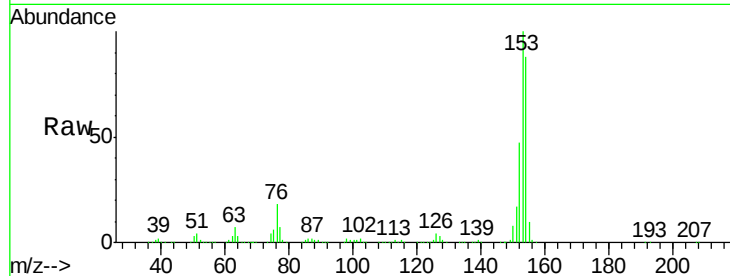
152 53.4 43.4 65.0

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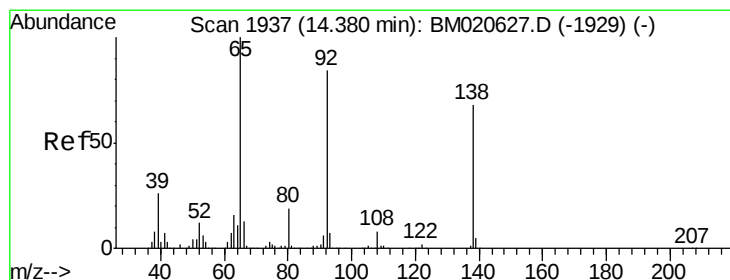
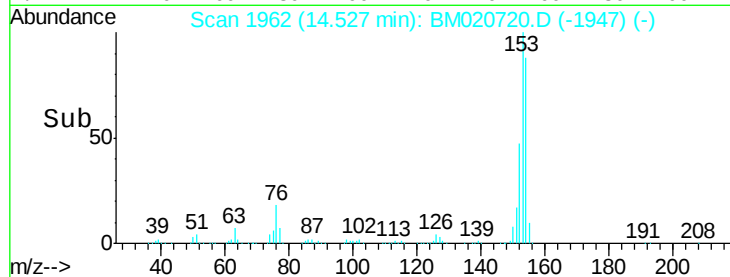
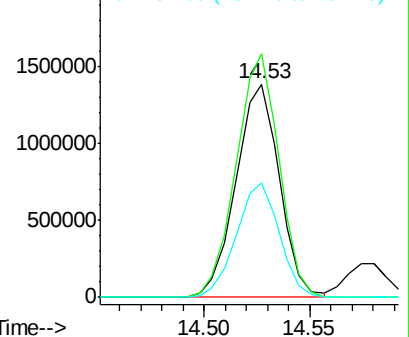
6/5/2019 3:41:48 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 27.031 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

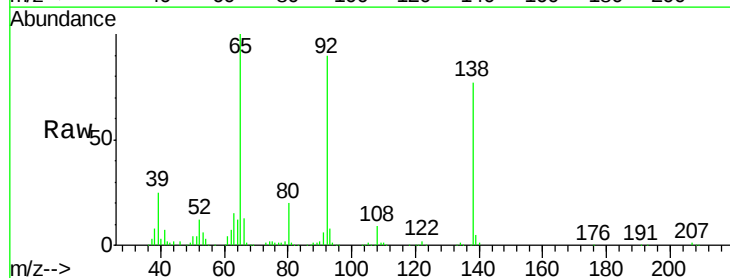
Tgt Ion:138 Resp: 410125

Ion Ratio Lower Upper

138 100

108 11.4 9.5 14.3

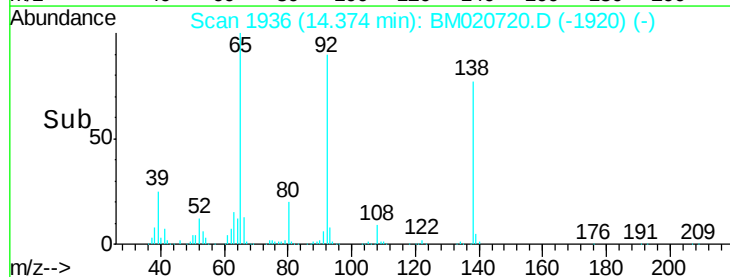
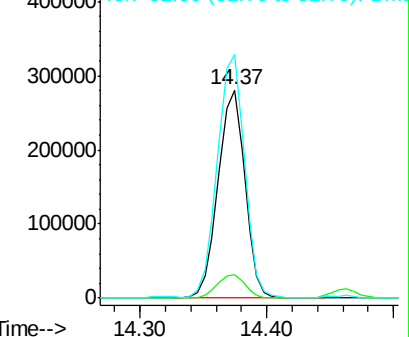
92 117.0 99.6 149.4

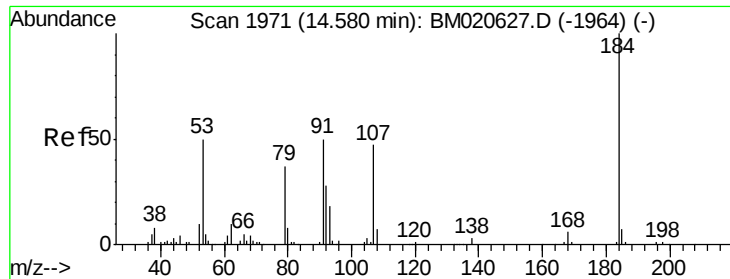


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





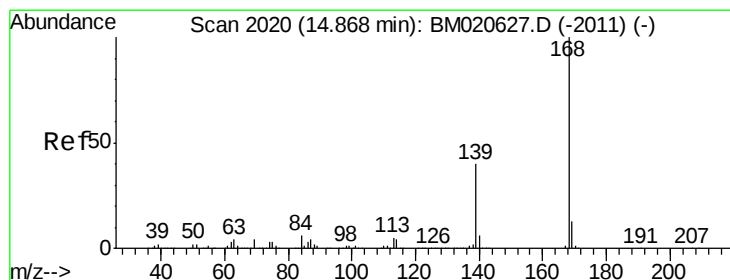
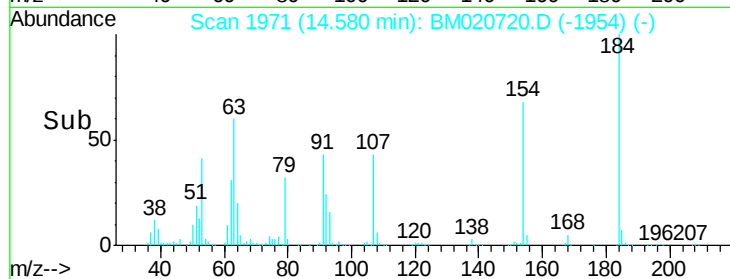
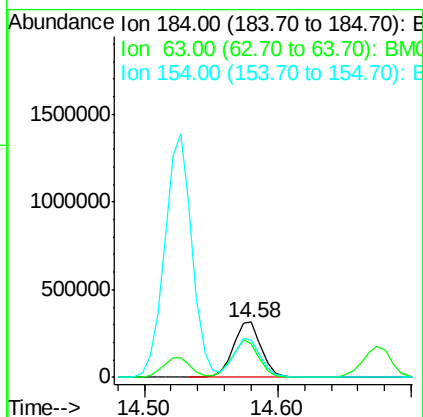
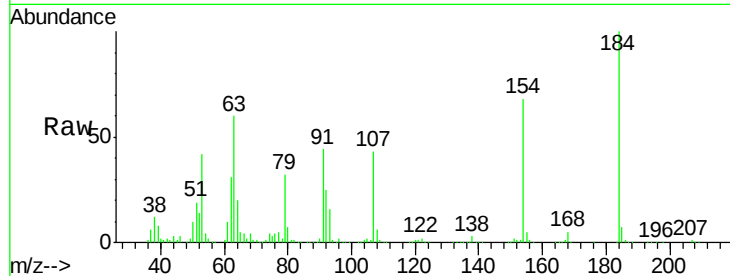
#54
2,4-Dinitrophenol
Concen: 78.954 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	461112		
63	60.1	59.3	88.9	
154	68.4	56.5	84.7	

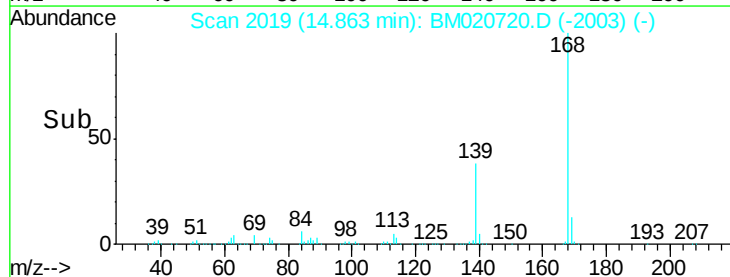
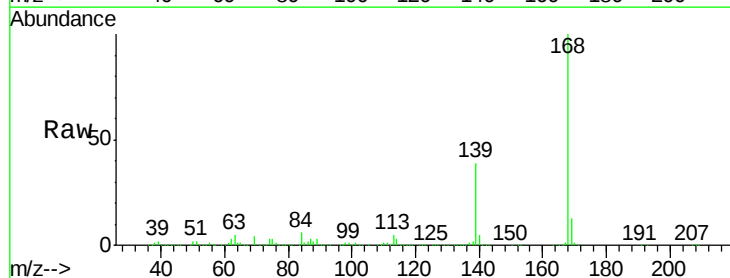
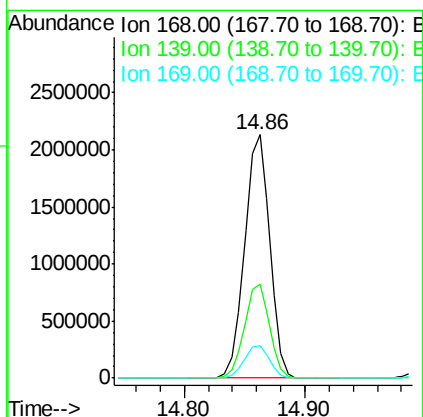
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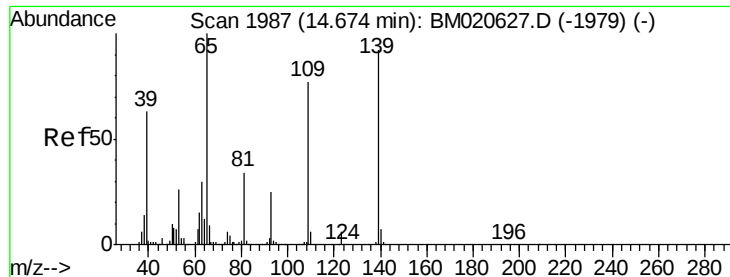
mohammad
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#55
Dibenzofuran
Concen: 40.552 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3093218		
139	38.5	31.9	47.9	
169	13.2	10.7	16.1	





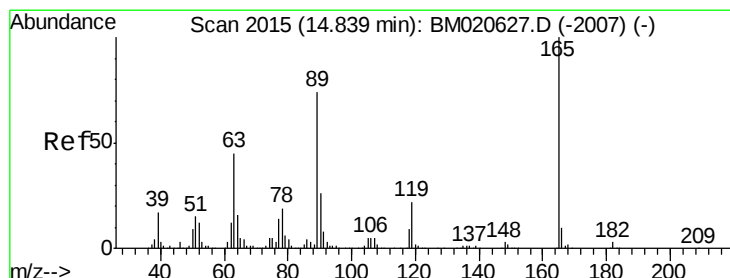
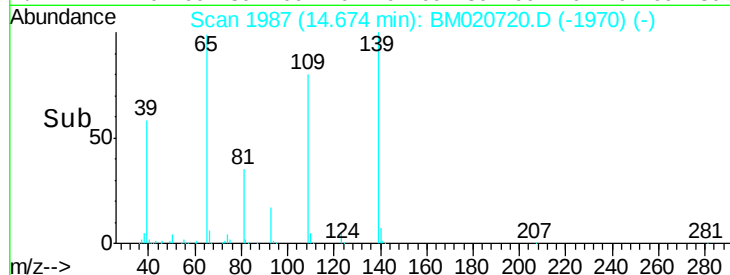
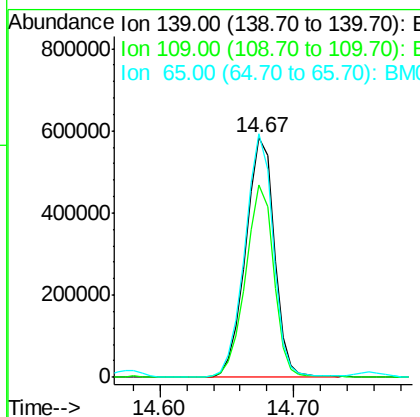
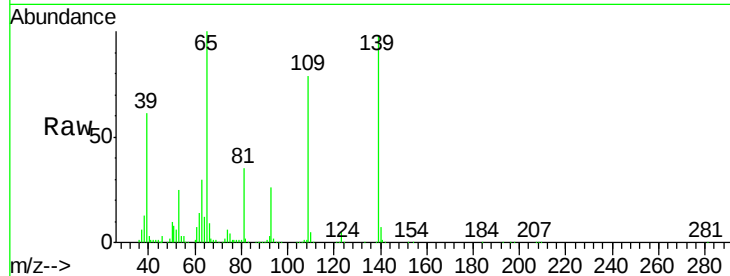
#56
4-Nitrophenol
Concen: 77.551 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	867085		
109	80.4	62.7	102.7	
65	101.6	88.3	128.3	

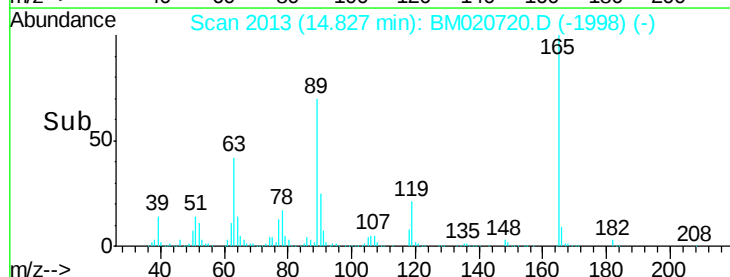
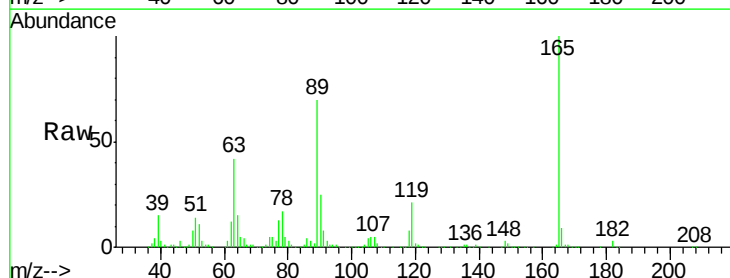
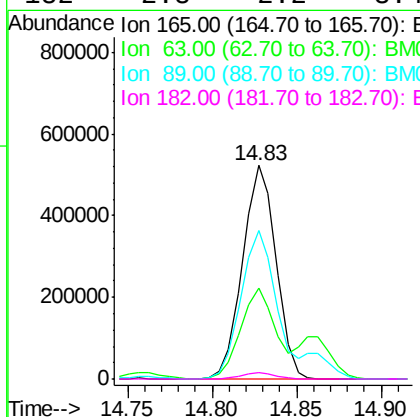
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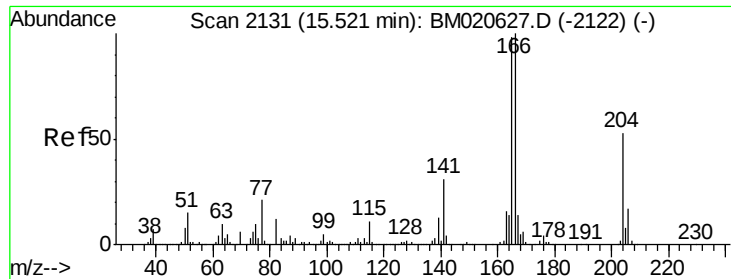
mohammad
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#57
2,4-Dinitrotoluene
Concen: 39.758 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	723642		
63	42.4	36.3	54.5	
89	69.6	59.0	88.6	
182	2.8	2.2	3.4	





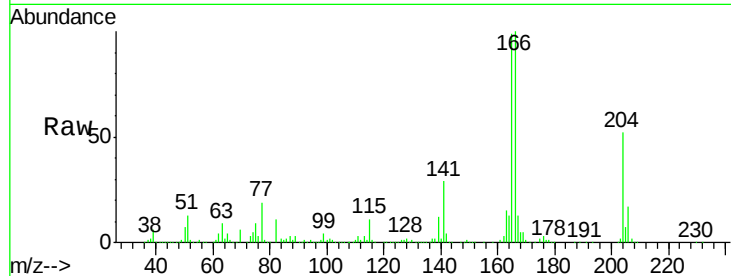
#58
 Fluorene
 Concen: 39.184 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

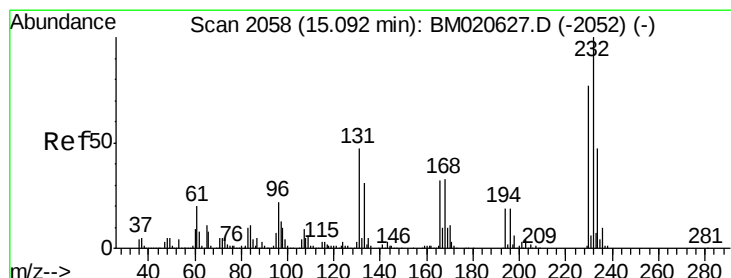
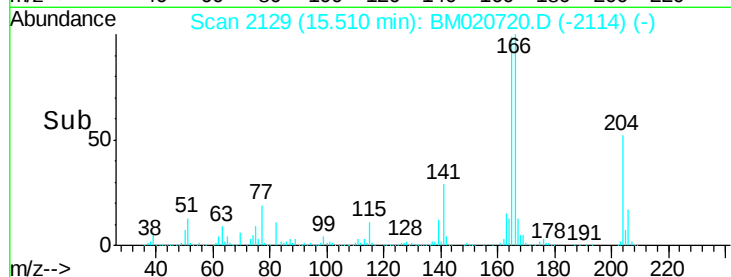
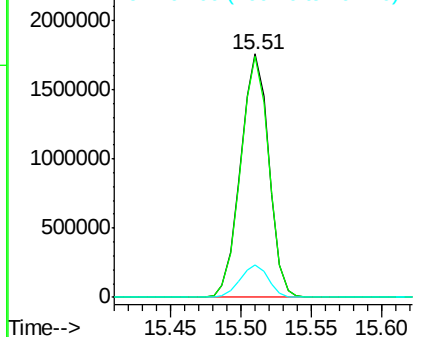
Tgt Ion:166 Resp: 2457972
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.6 117.8
 167 13.4 11.0 16.4

Manual Integrations
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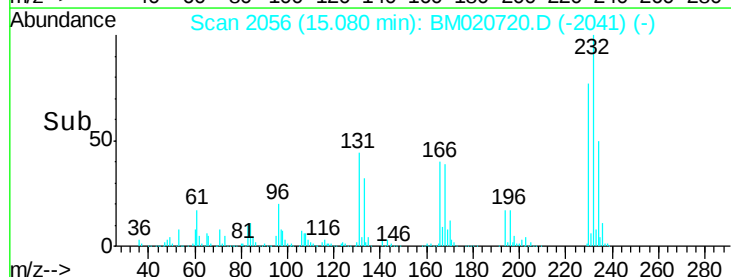
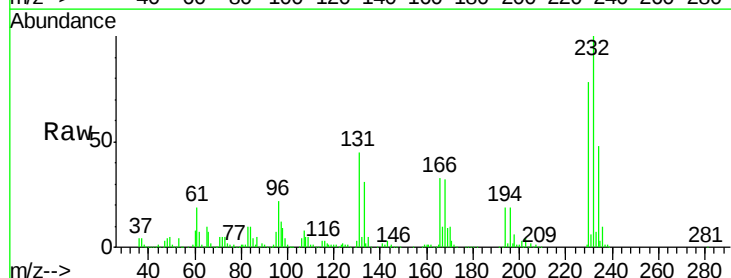
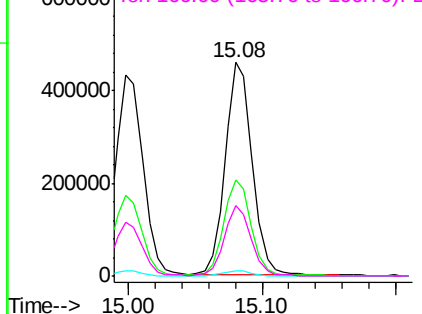
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

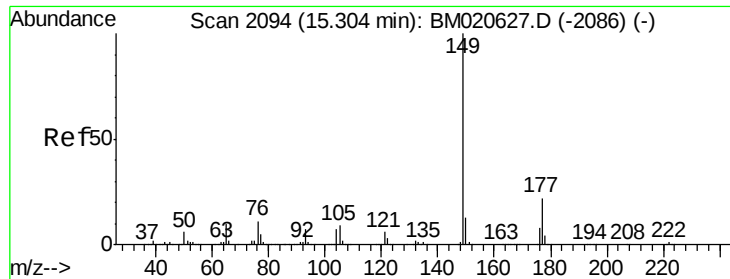


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.579 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion:232 Resp: 648008
 Ion Ratio Lower Upper
 232 100
 131 45.2 38.6 57.8
 130 2.6 2.2 3.2
 166 32.6 26.6 39.8

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





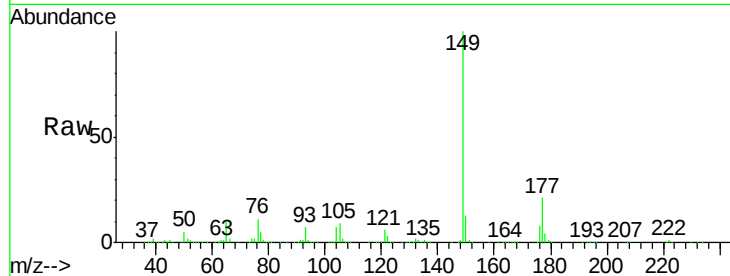
#60
Diethylphthalate
Concen: 36.866 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

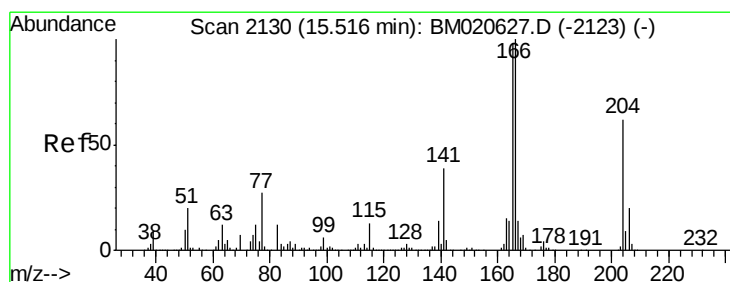
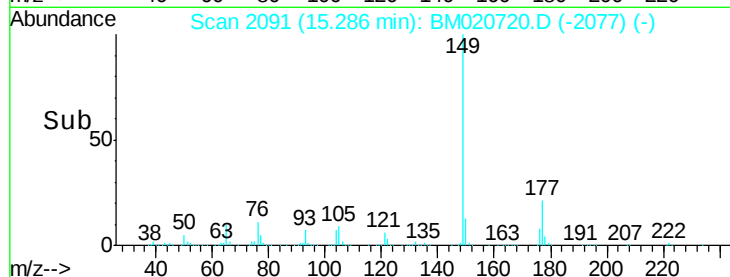
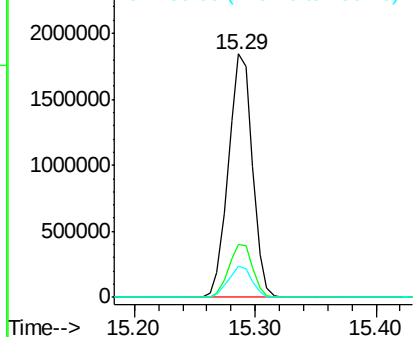
Tgt Ion:149 Resp: 2545408
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.6 10.1 15.1

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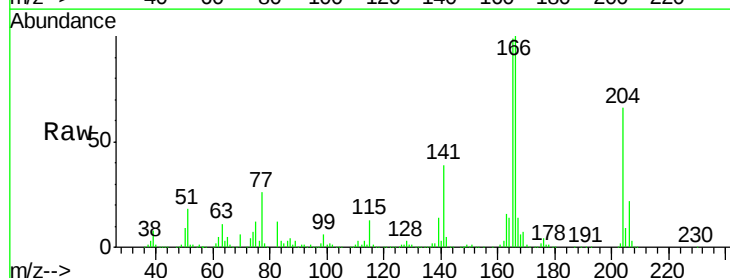


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

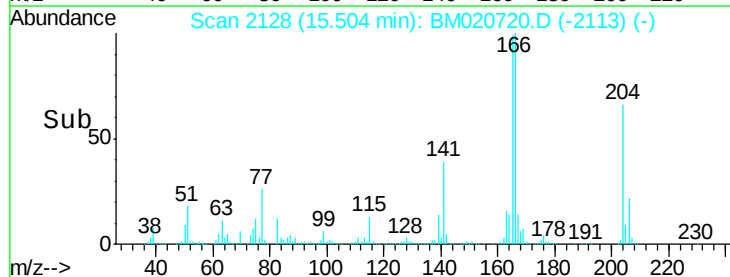
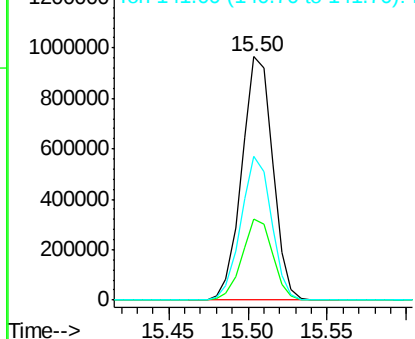


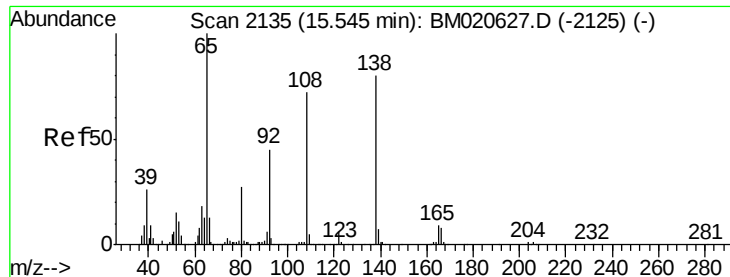
#61
4-Chlorophenyl-phenylether
Concen: 39.267 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion:204 Resp: 1304185
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 58.9 50.2 75.4



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





#62

4-Nitroaniline

Concen: 31.091 ng

RT: 15.54 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

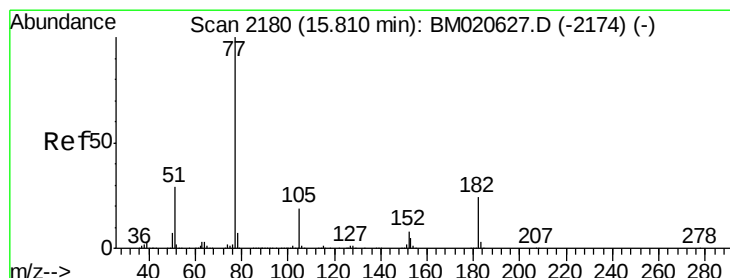
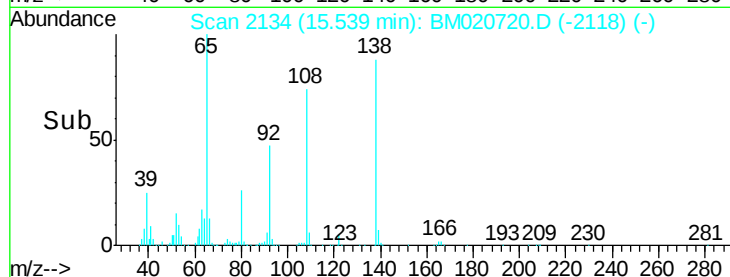
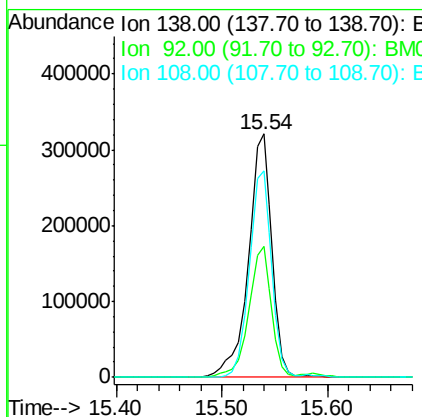
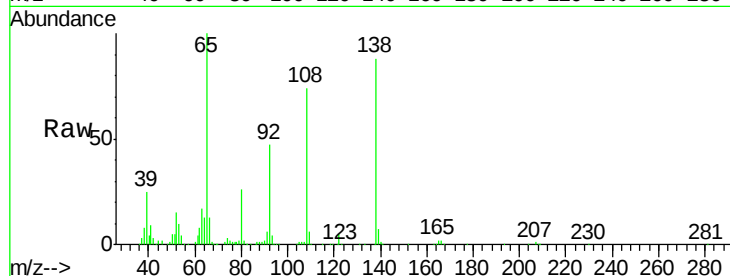
ClientSampleId :

PB120082BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	36.7	76.7
108	84.7	70.3	110.3

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#63

Azobenzene

Concen: 36.166 ng

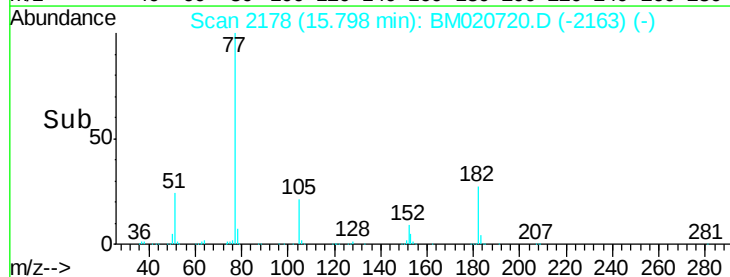
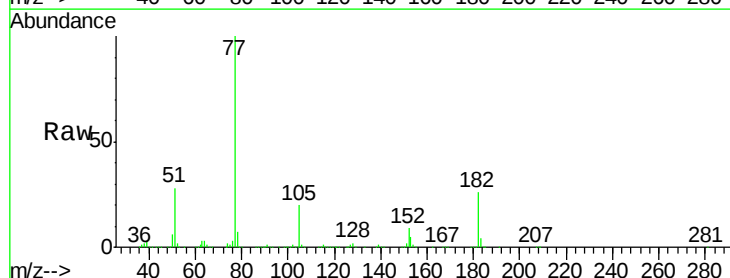
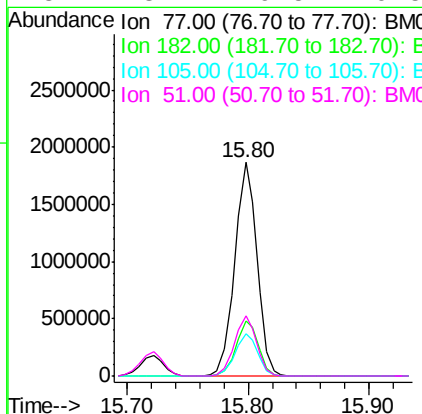
RT: 15.80 min Scan# 2178

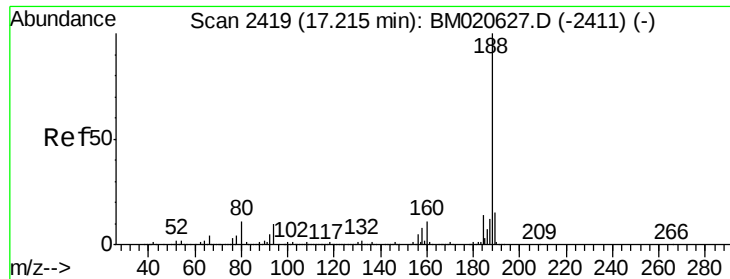
Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	3.6	43.6
105	19.7	0.0	39.4
51	28.2	9.5	49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

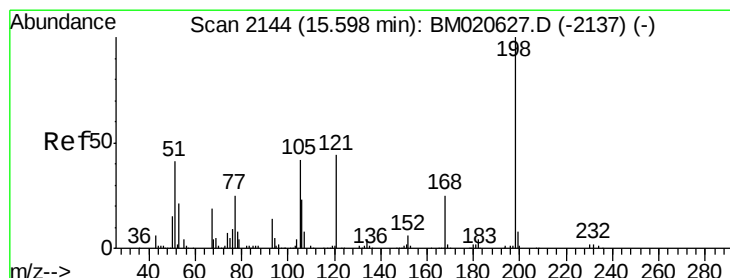
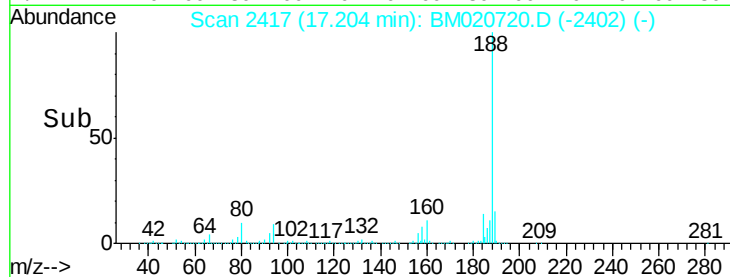
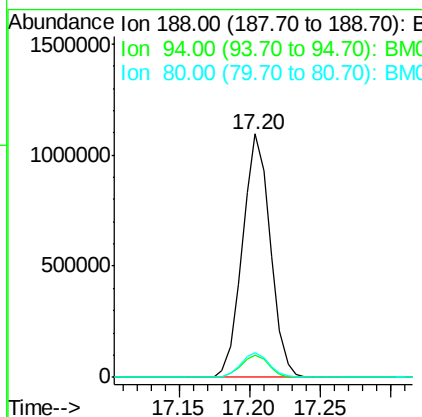
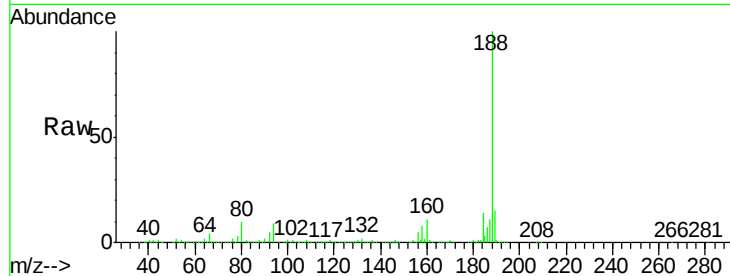
ClientSampleId :

PB120082BS

Tgt Ion:	188	Resp:	1505711
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.8
80	10.4	9.0	13.6

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#65

4,6-Dinitro-2-methylphenol

Concen: 42.807 ng

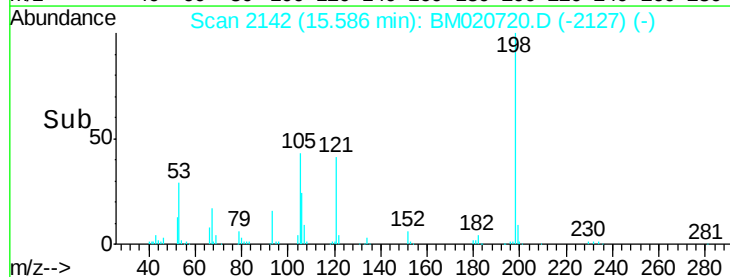
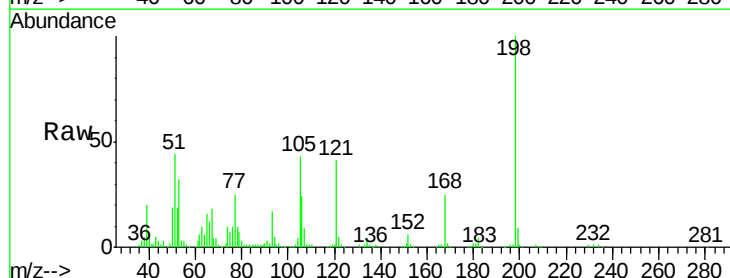
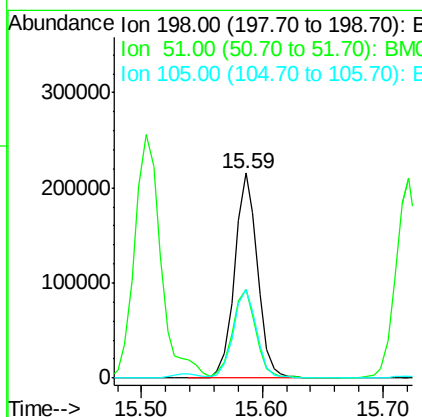
RT: 15.59 min Scan# 2142

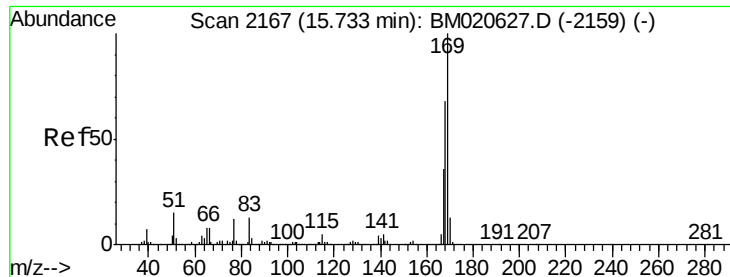
Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Tgt Ion:	198	Resp:	285285
Ion	Ratio	Lower	Upper
198	100		
51	43.5	27.7	67.7
105	43.0	23.8	63.8





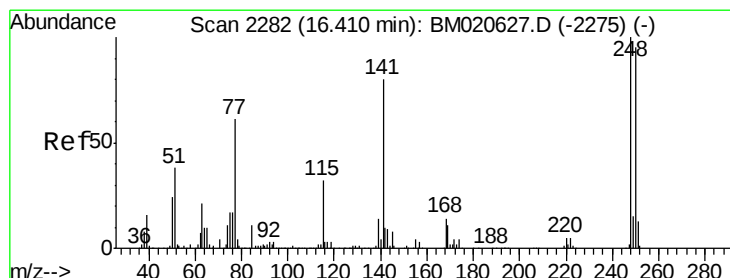
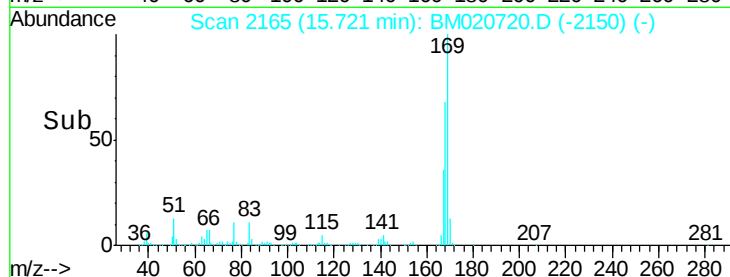
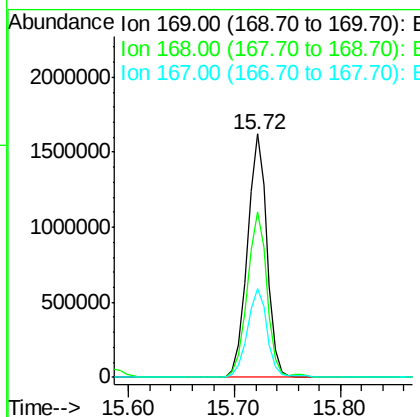
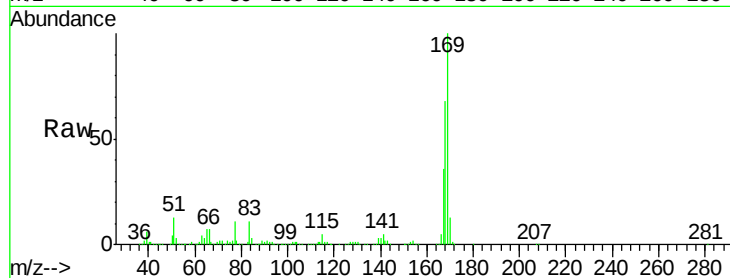
#66
 n-Nitrosodiphenylamine
 Concen: 43.143 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.2	81.4
167	36.4	29.1	43.7

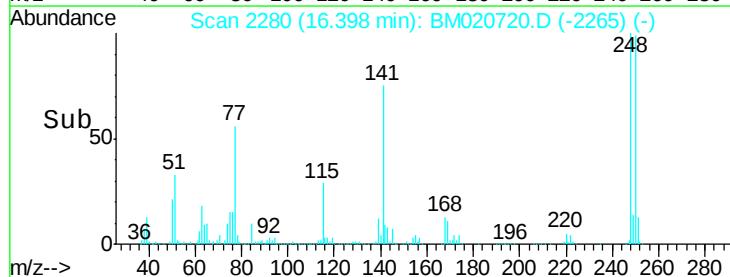
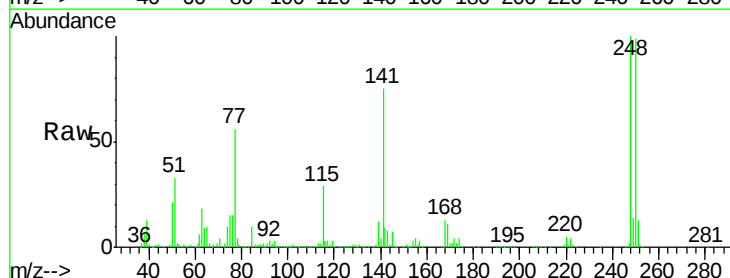
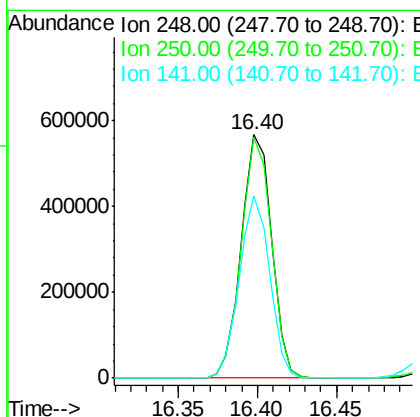
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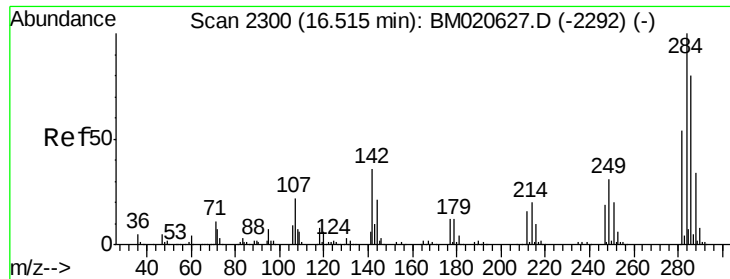
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#67
 4-Bromophenyl-phenylether
 Concen: 42.734 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.0	76.3	114.5
141	74.6	64.2	96.2





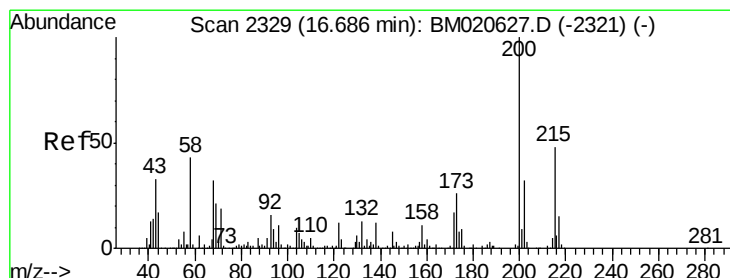
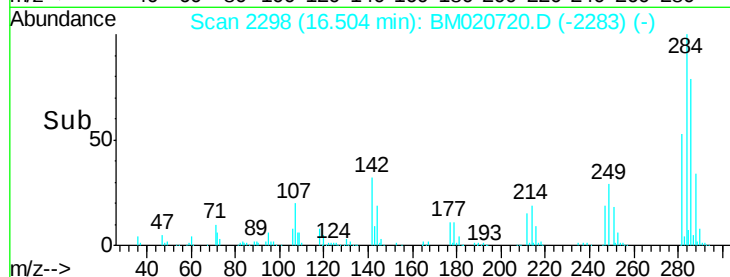
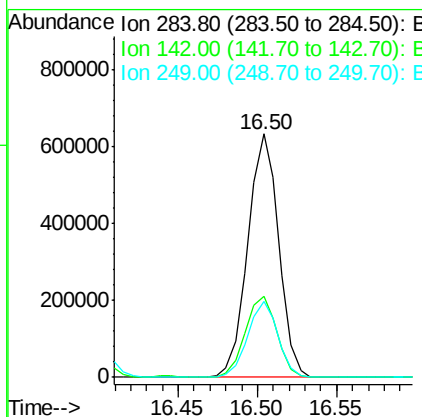
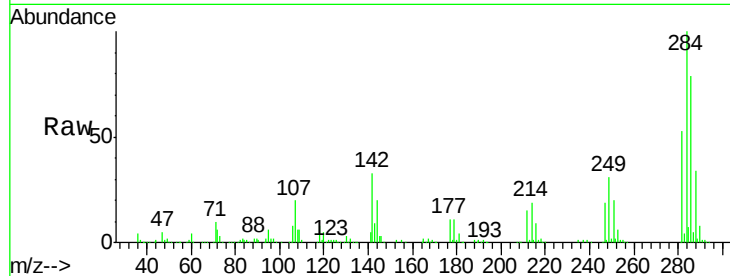
#68
Hexachlorobenzene
Concen: 41.411 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	857272		
142	33.3	28.6	42.8	
249	31.3	25.0	37.4	

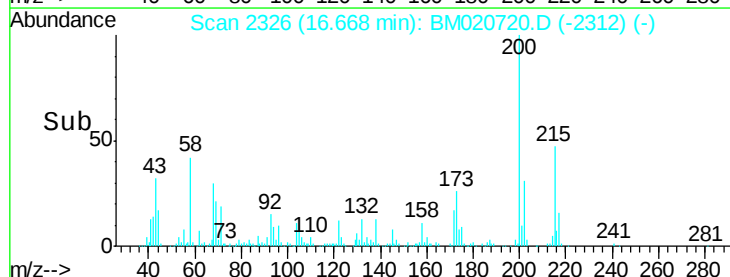
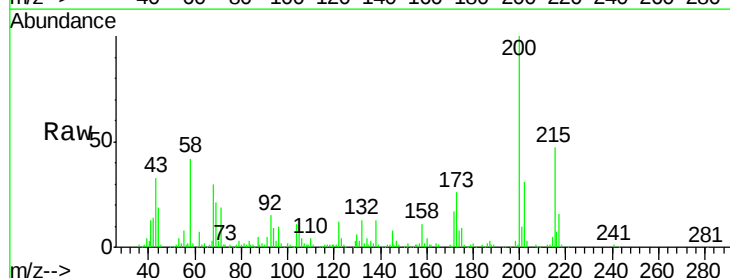
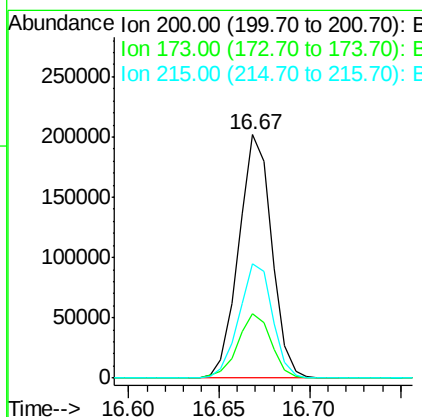
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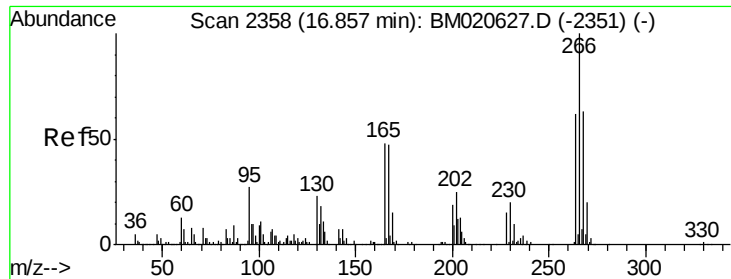
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#69
Atrazine
Concen: 17.744 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	255269		
173	26.2	6.2	46.2	
215	47.2	27.7	67.7	





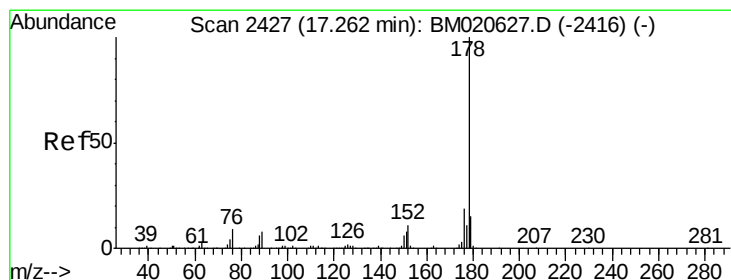
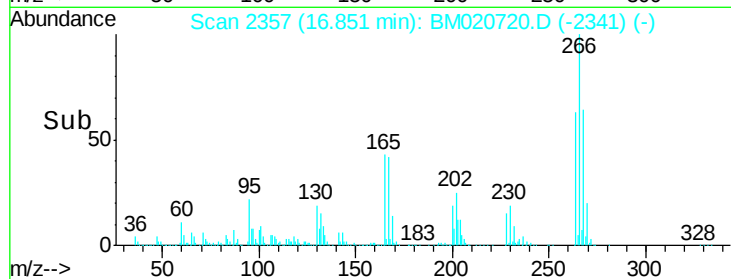
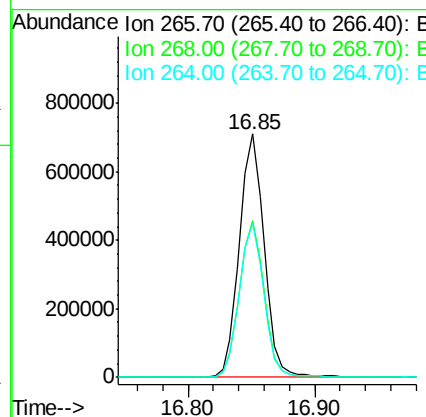
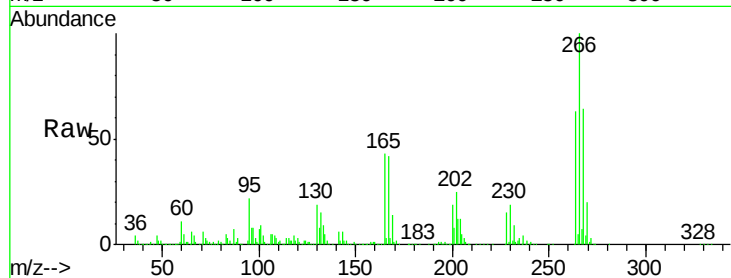
#70
 Pentachlorophenol
 Concen: 97.415 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.6	75.8
264	63.0	49.6	74.4

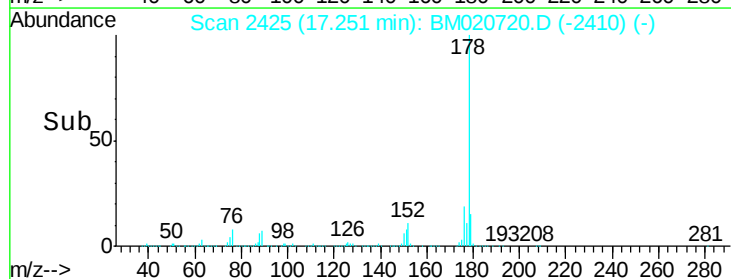
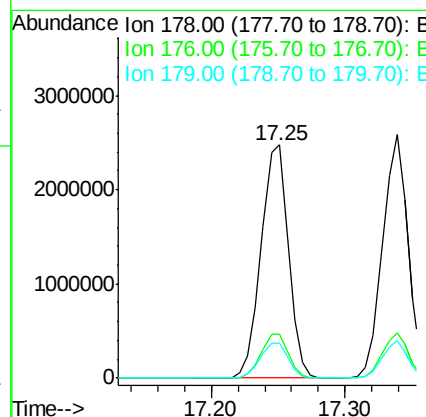
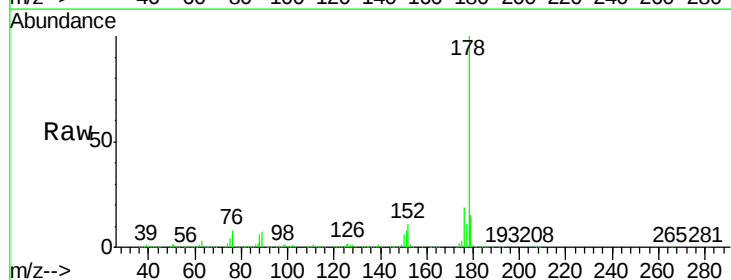
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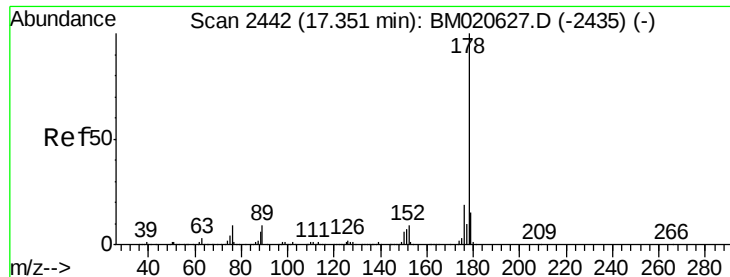
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#71
 Phenanthrene
 Concen: 40.950 ng
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.2	12.2	18.4





#72

Anthracene

Concen: 39.635 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Tgt Ion:178 Resp: 3385796

Ion Ratio Lower Upper

178 100

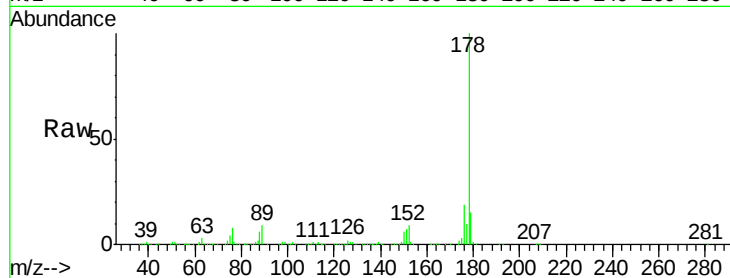
176 18.6 15.1 22.7

179 15.4 12.3 18.5

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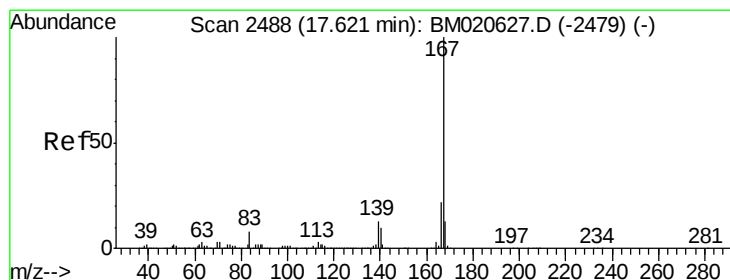
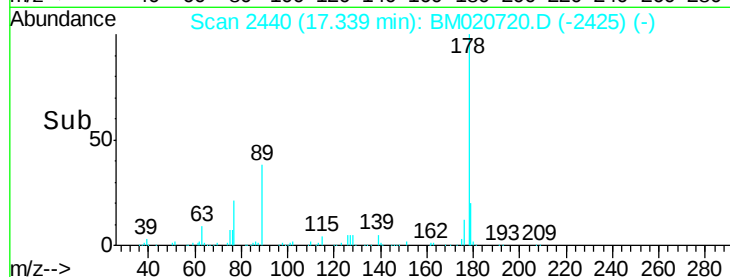
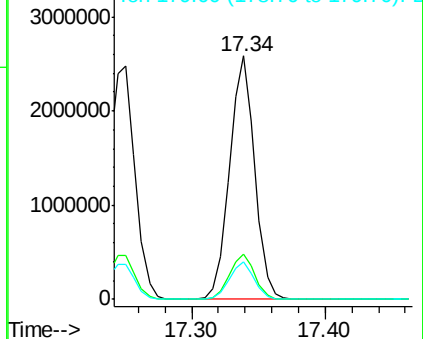
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 38.755 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

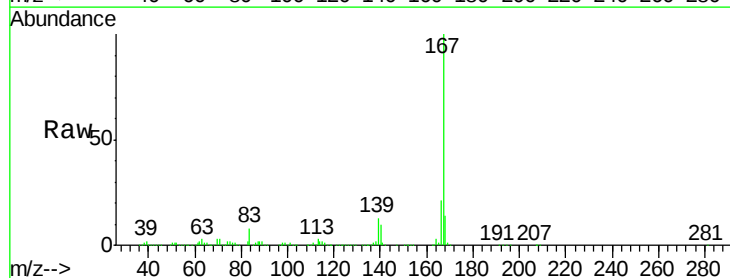
Tgt Ion:167 Resp: 3004251

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

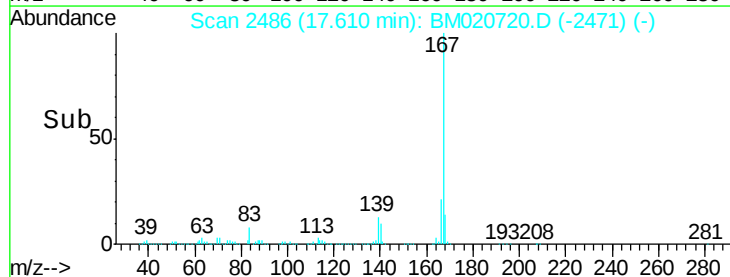
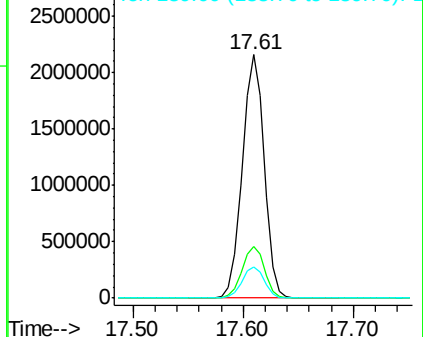
139 13.0 10.6 15.8

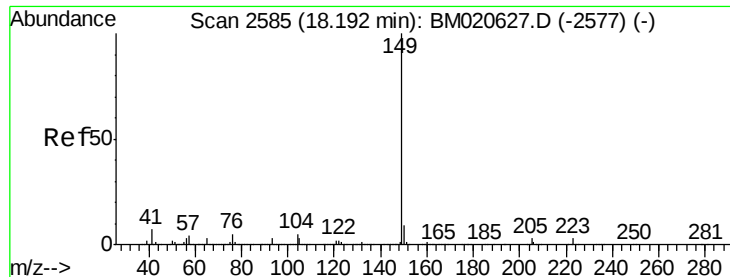


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





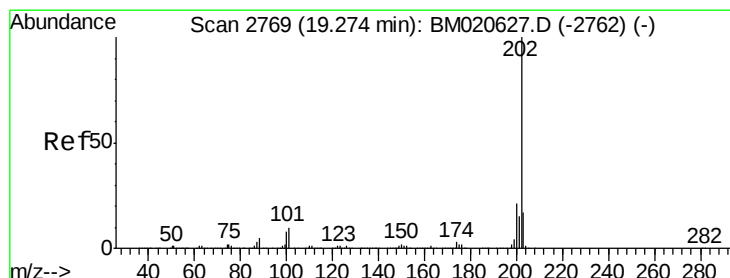
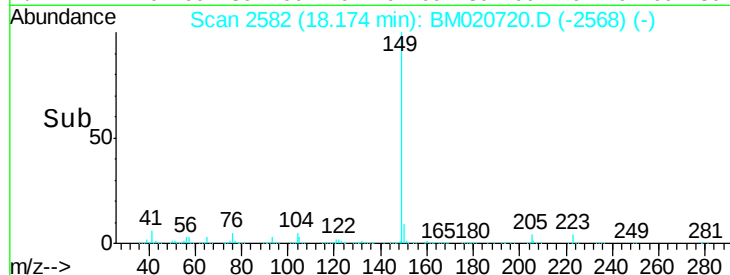
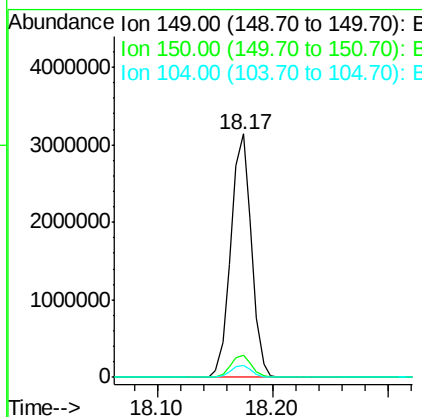
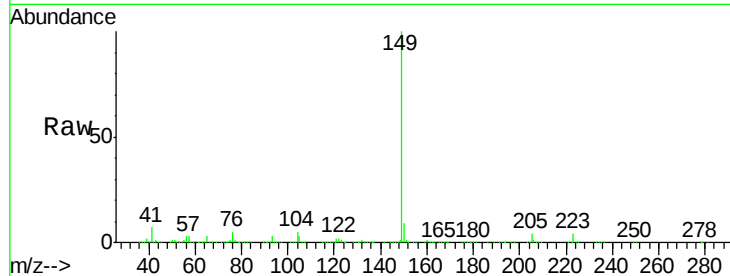
#74
Di-n-butylphthalate
Concen: 38.273 ng
RT: 18.17 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.0	4.2	6.2

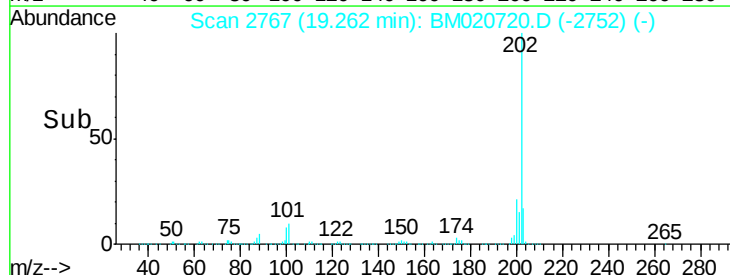
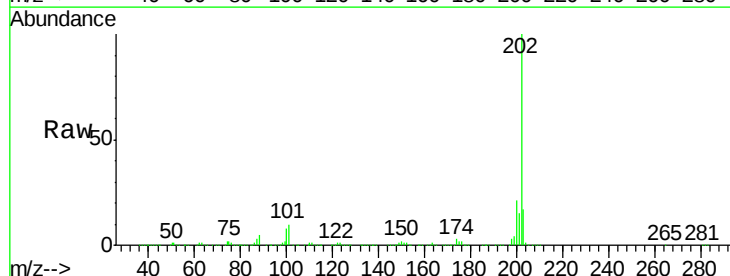
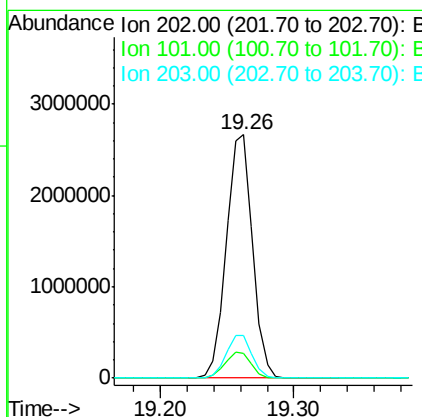
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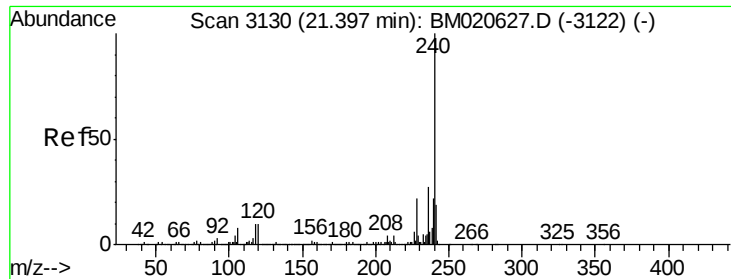
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#75
Fluoranthene
Concen: 38.534 ng
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.4
203	17.4	0.0	37.3





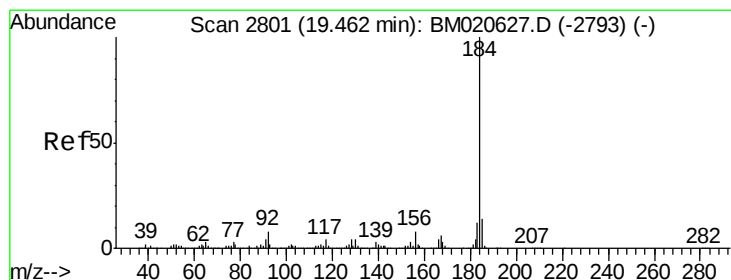
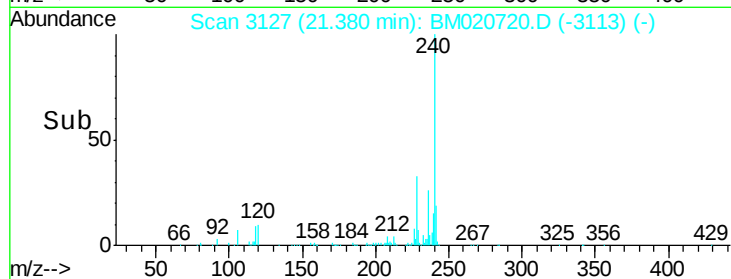
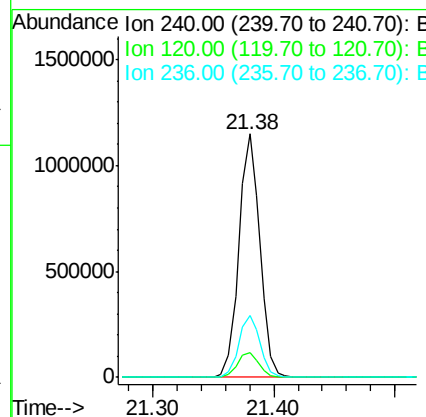
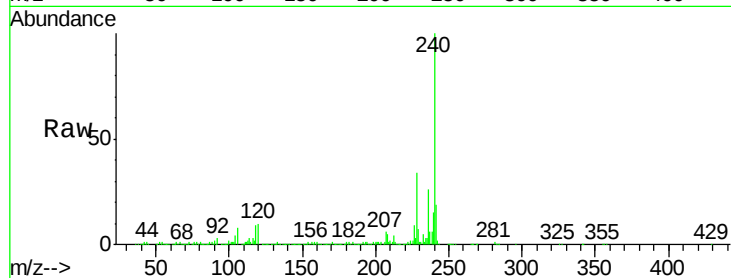
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.2	12.2
236	25.6	21.2	31.8

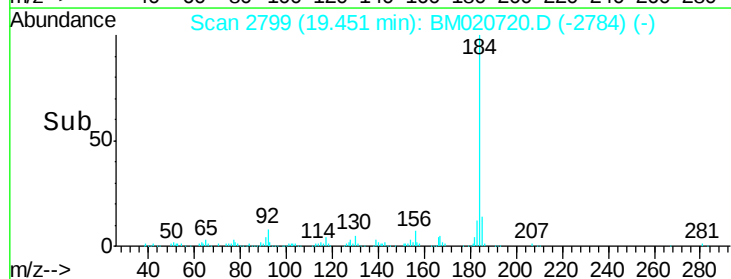
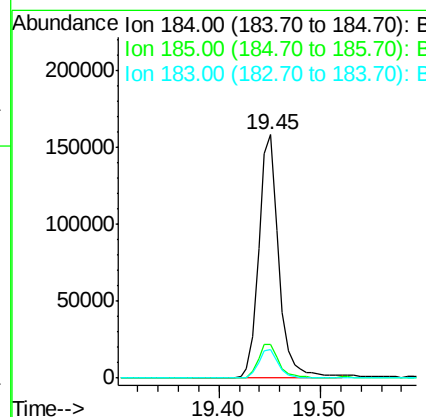
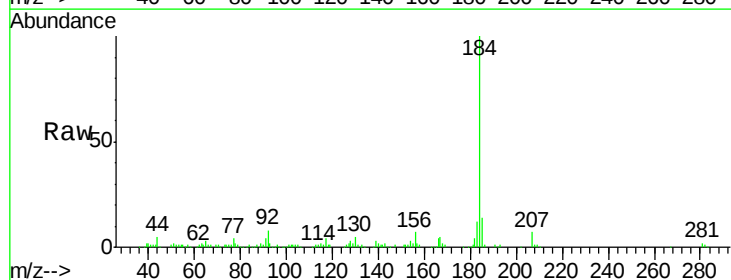
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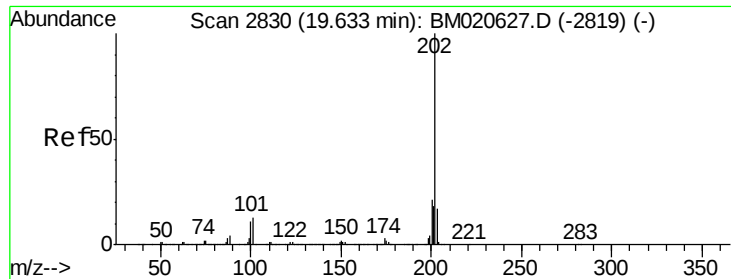
mohammad
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#77
Benzidine
Concen: 5.143 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.9	9.8	14.6





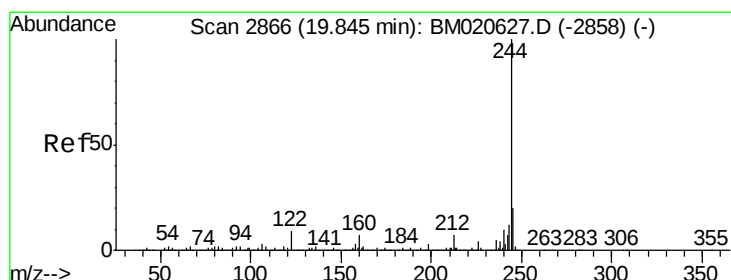
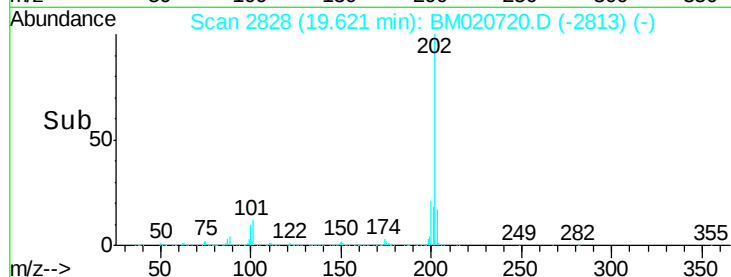
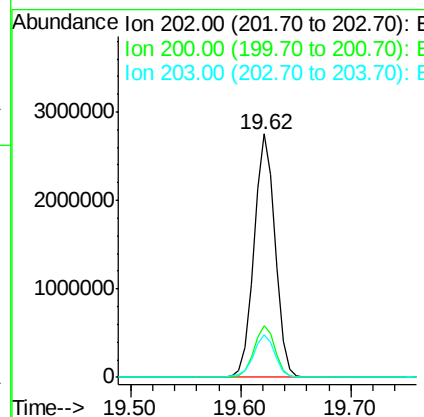
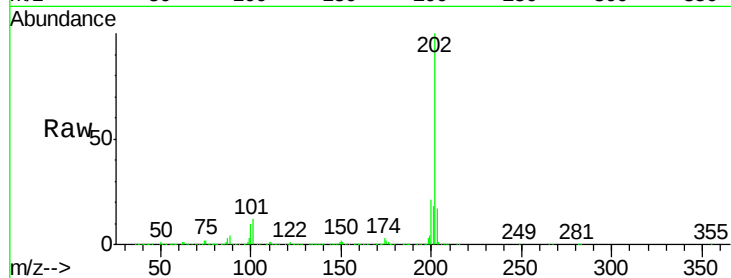
#78
 Pyrene
 Concen: 34.557 ng
 RT: 19.62 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.3	13.9	20.9

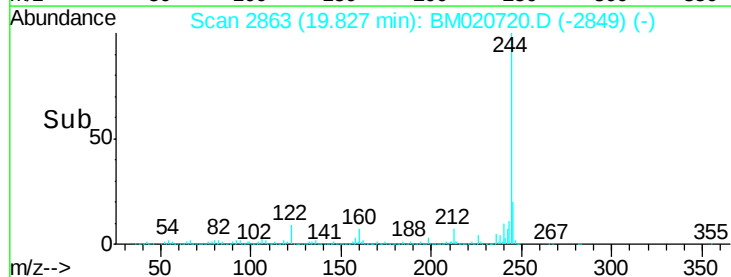
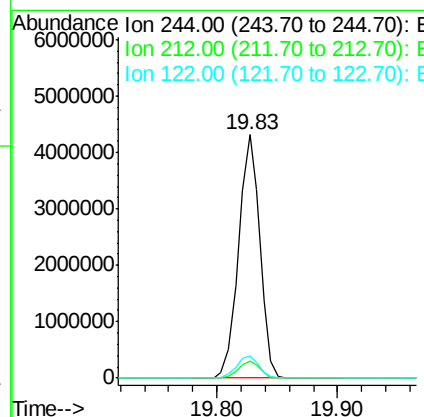
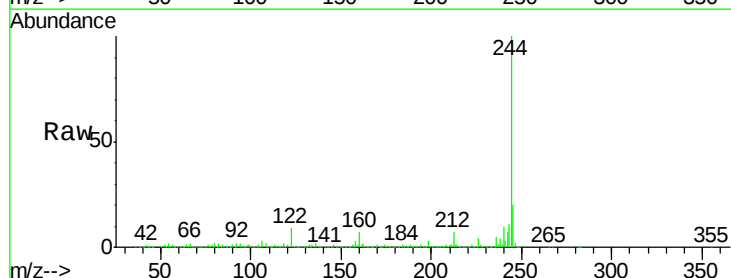
Manual Integrations
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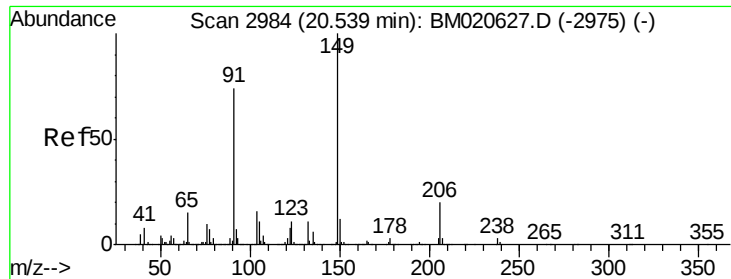
mohammad
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#79
 Terphenyl-d14
 Concen: 63.663 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.3	7.2	10.8





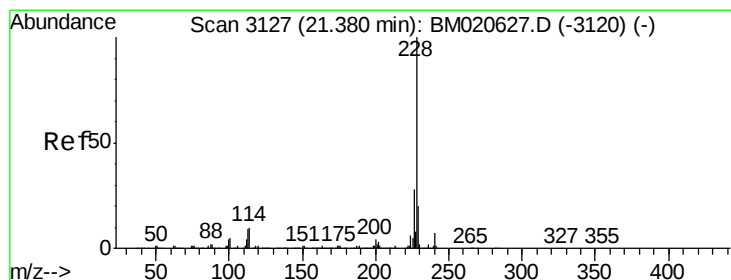
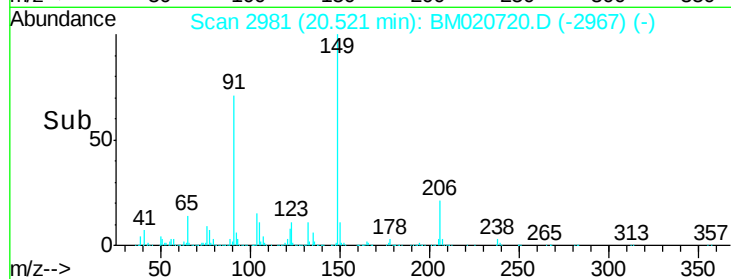
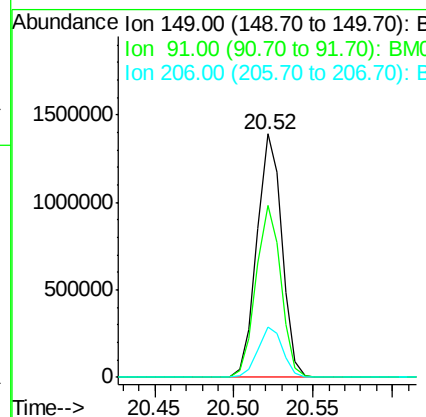
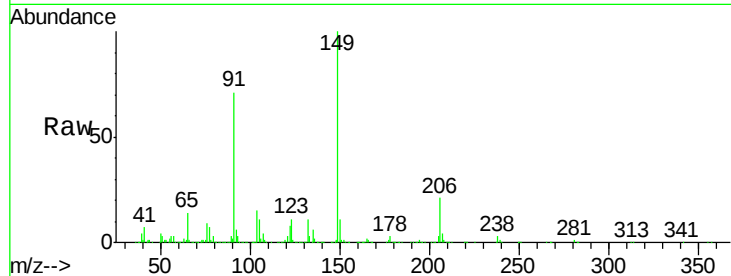
#80
Butylbenzylphthalate
Concen: 34.019 ng
RT: 20.52 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion:149 Resp: 1532202
Ion Ratio Lower Upper
149 100
91 70.8 59.6 89.4
206 20.7 15.7 23.5

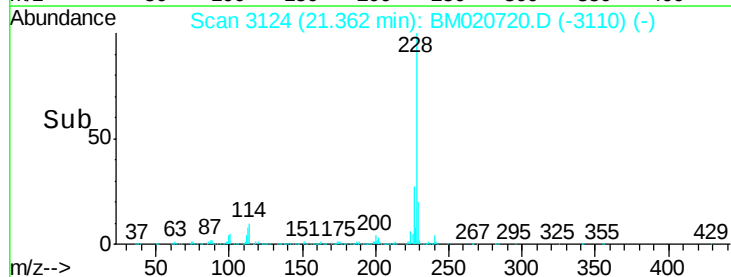
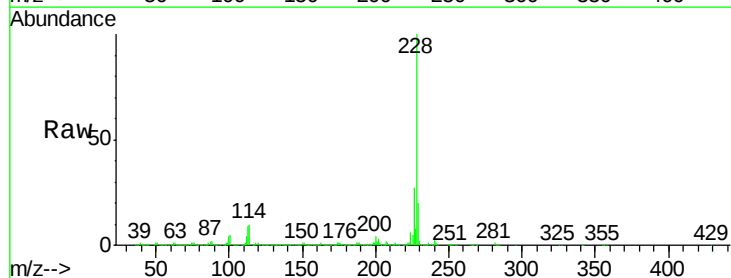
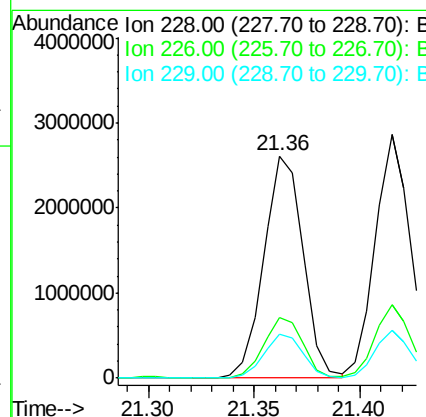
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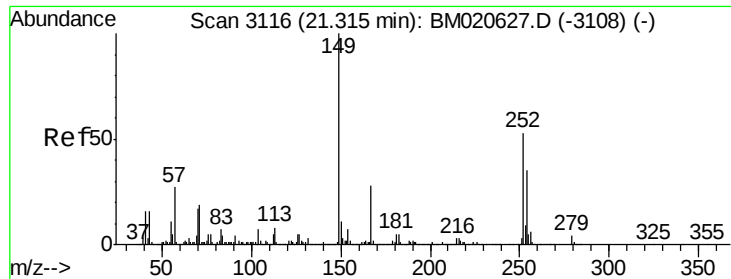
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#81
Benzo(a)anthracene
Concen: 34.901 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion:228 Resp: 3375528
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.7 15.9 23.9





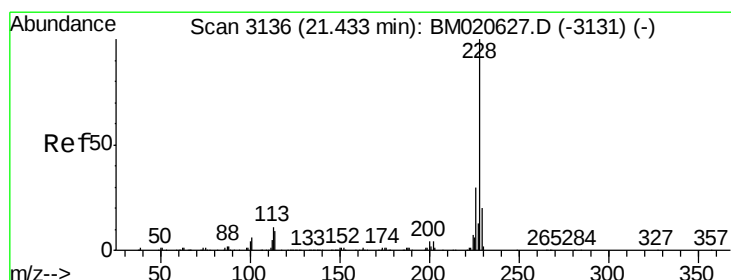
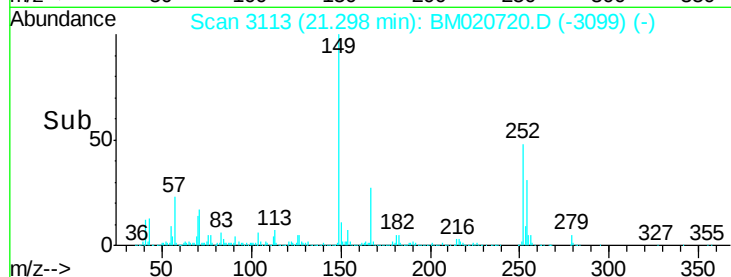
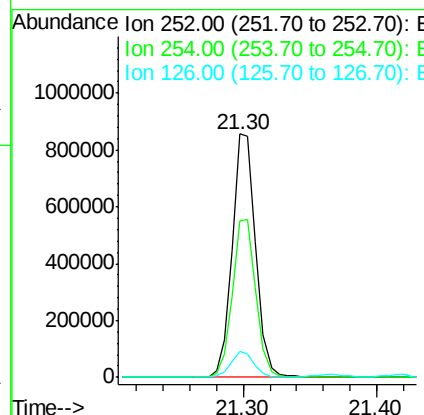
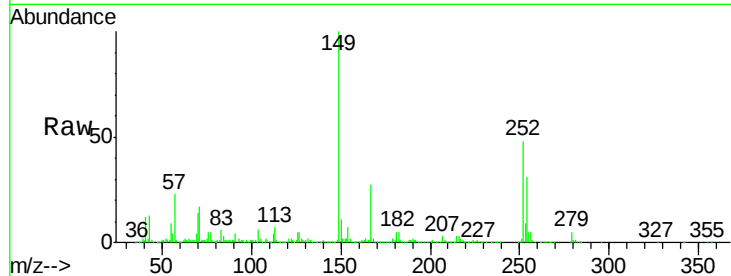
#82
 3,3'-Dichlorobenzidine
 Concen: 29.923 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleID :
 PB120082BS

Tgt Ion: 252 Resp: 1059785
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.6 78.8
 126 10.7 8.0 12.0

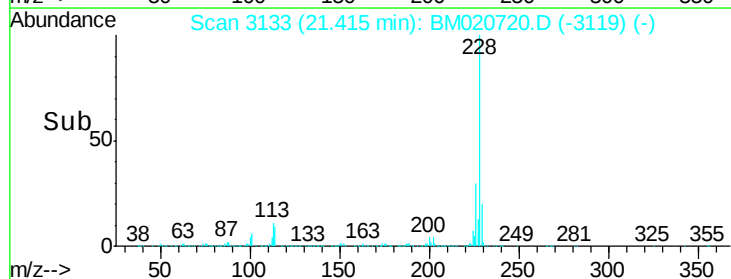
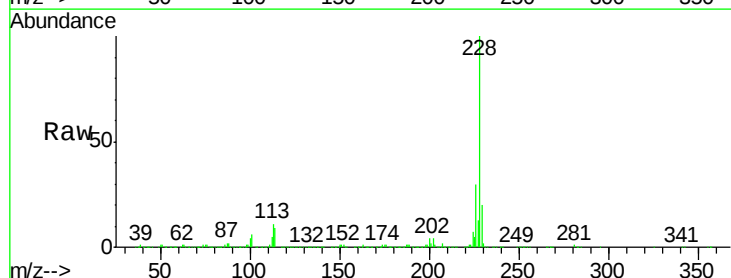
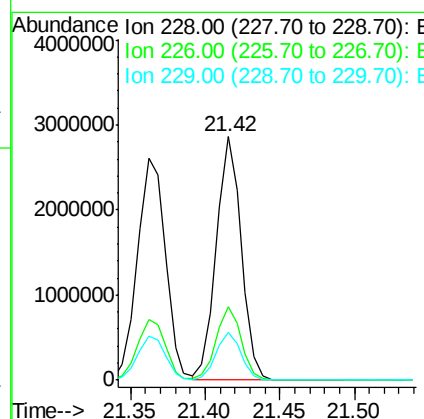
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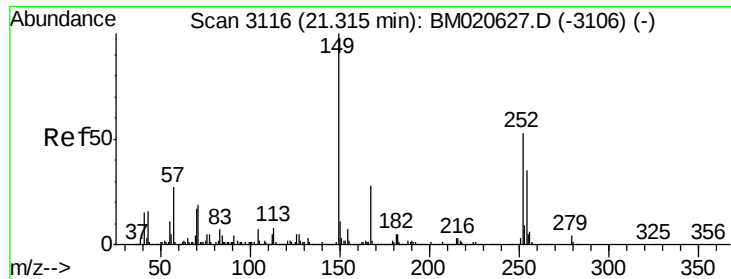
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#83
 Chrysene
 Concen: 36.364 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion: 228 Resp: 3343179
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.8 15.8 23.6





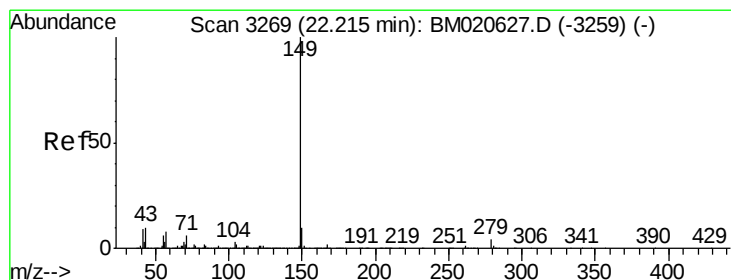
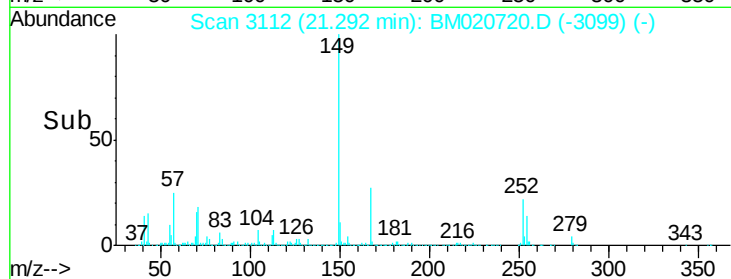
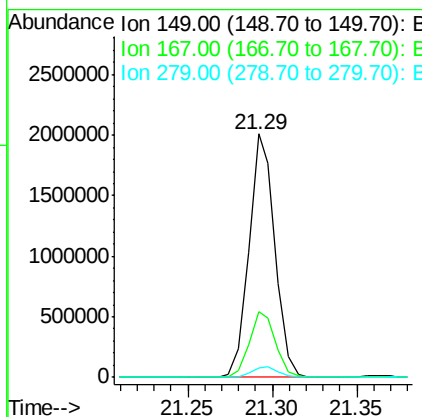
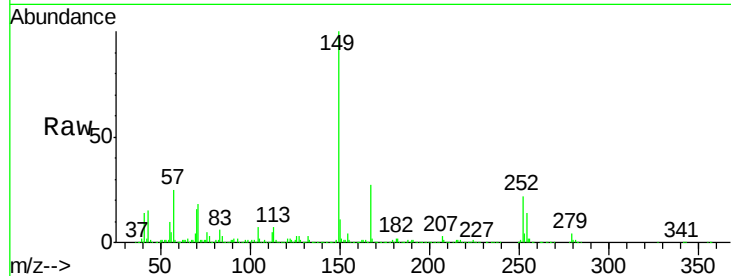
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.643 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleID :
 PB120082BS

Tgt Ion:149 Resp: 2136778
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.1 33.1
 279 4.1 3.4 5.0

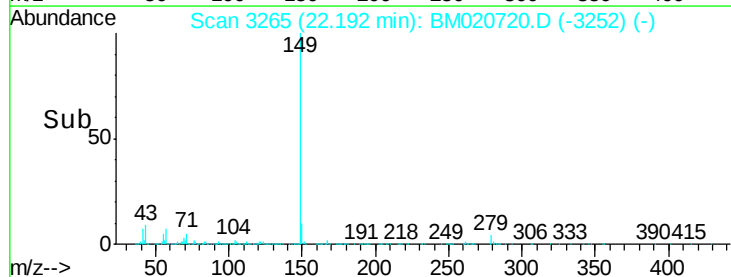
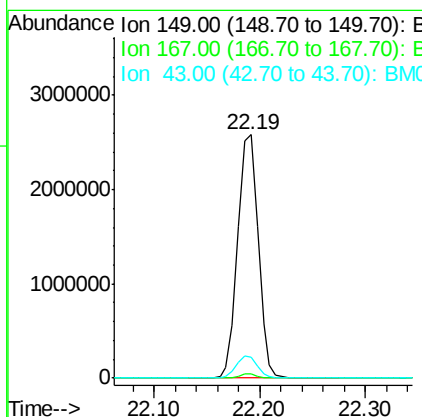
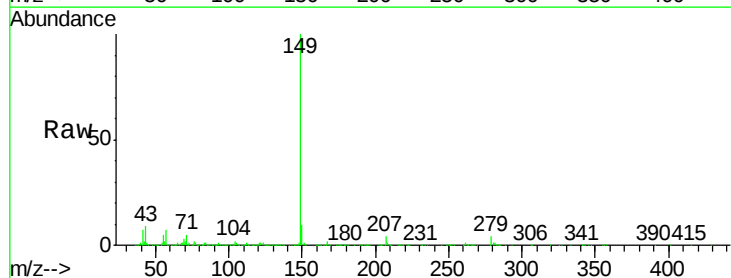
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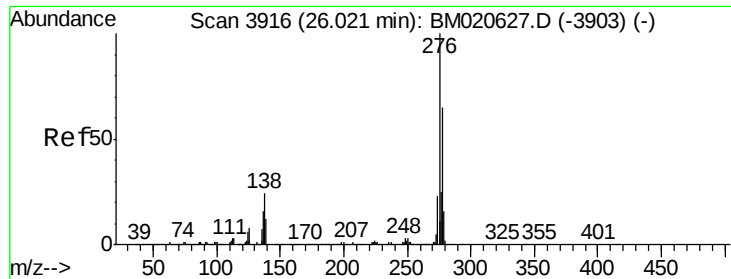
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#85
 Di-n-octyl phthalate
 Concen: 33.268 ng
 RT: 22.19 min Scan# 3265
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion:149 Resp: 3457403
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.3 8.2 12.4





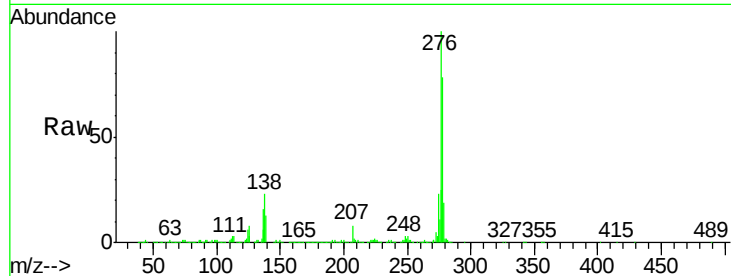
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.056 ng
 RT: 25.99 min Scan# 3911
 Delta R.T. -0.03 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BS

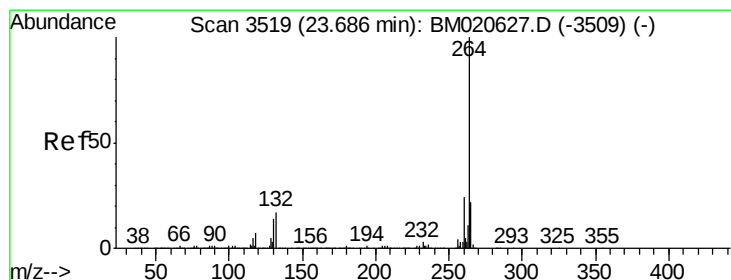
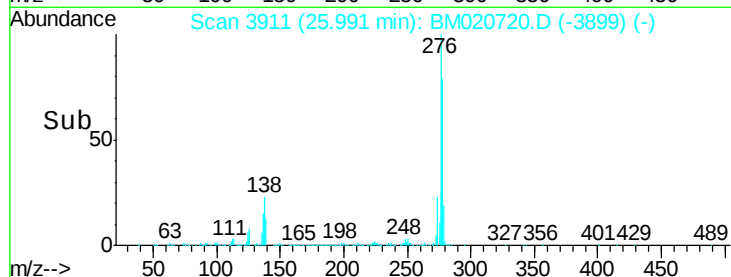
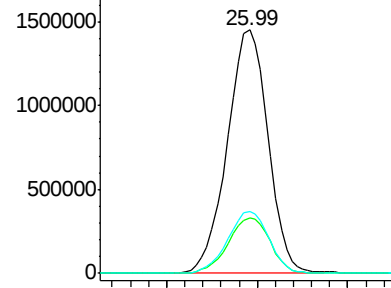
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.8	29.8
277	25.6	20.2	30.4

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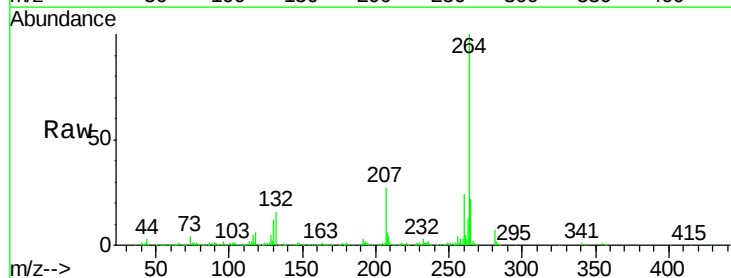


Abundance Ion 276.00 (275.70 to 276.70): E
 2000000
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

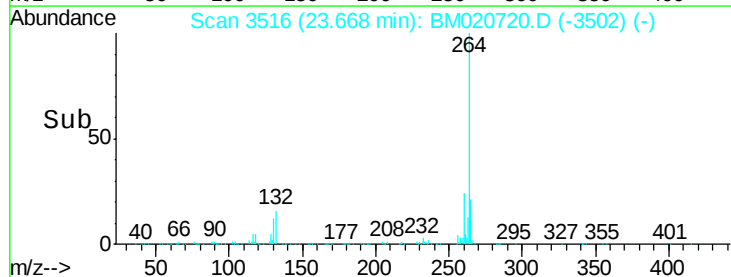
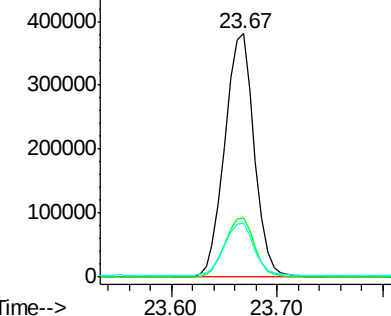


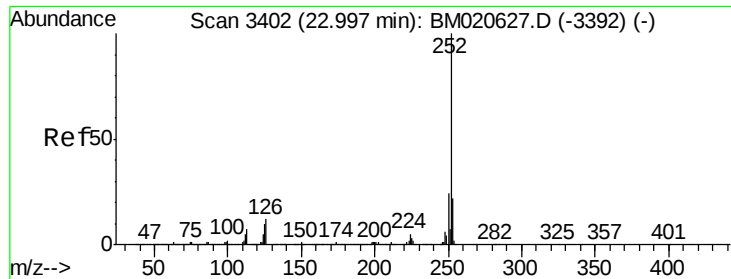
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.67 min Scan# 3516
 Delta R.T. -0.02 min
 Lab File: BM020720.D
 Acq: 05 Jun 2019 03:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 500000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





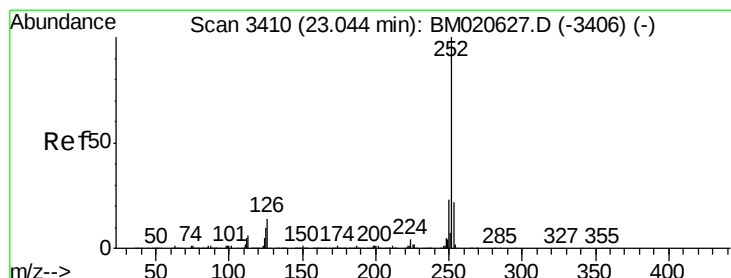
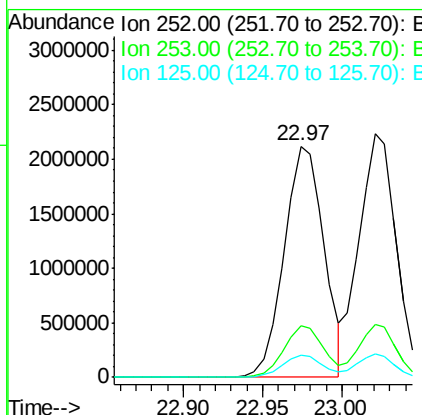
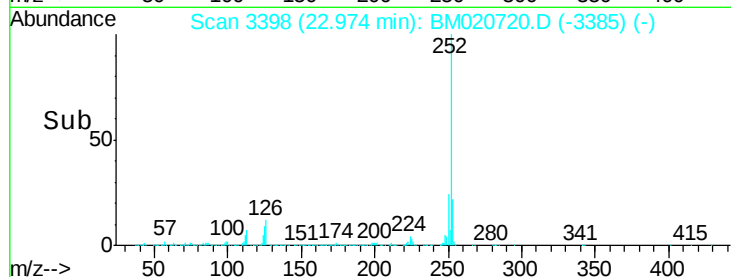
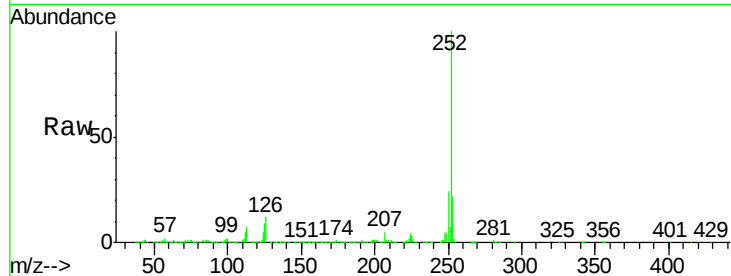
#88
Benzo(b)fluoranthene
Concen: 75.375 ng
RT: 22.97 min Scan# 3398
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Instrument :
BNA_M
ClientSampleId :
PB120082BS

Tgt Ion:252 Resp: 3680247
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.4 7.8 11.8

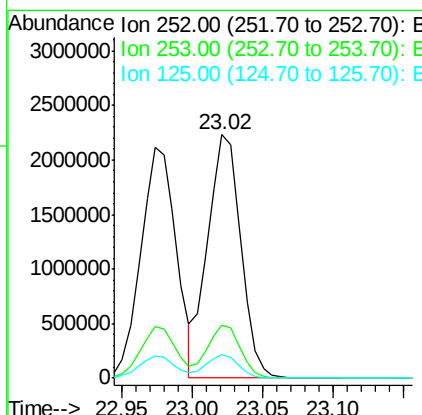
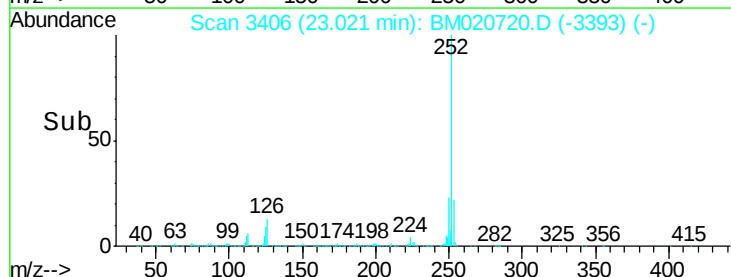
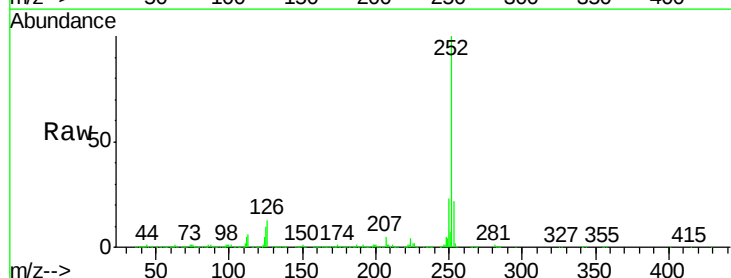
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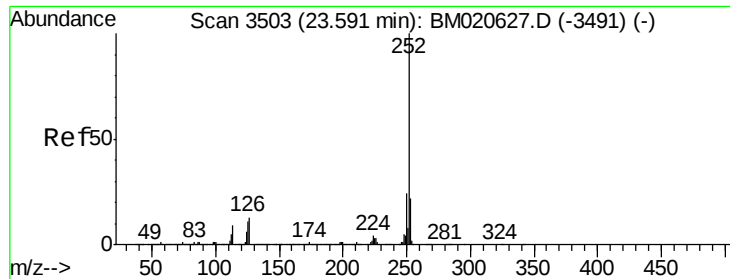
mohammad
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#89
Benzo(k)fluoranthene
Concen: 76.057 ng
RT: 23.02 min Scan# 3406
Delta R.T. -0.02 min
Lab File: BM020720.D
Acq: 05 Jun 2019 03:18

Tgt Ion:252 Resp: 3629014
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.5 7.8 11.8





#90

Benzo(a)pyrene

Concen: 79.763 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Tgt Ion:252 Resp: 3532459

Ion Ratio Lower Upper

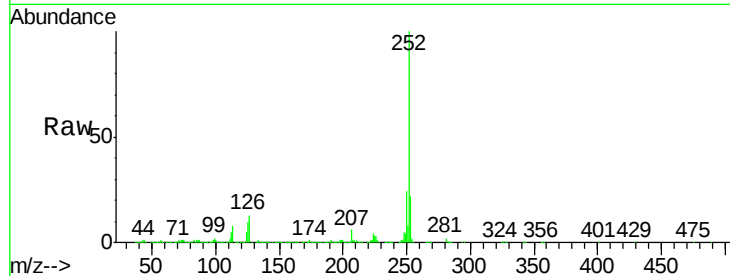
252 100

253 21.8 17.5 26.3

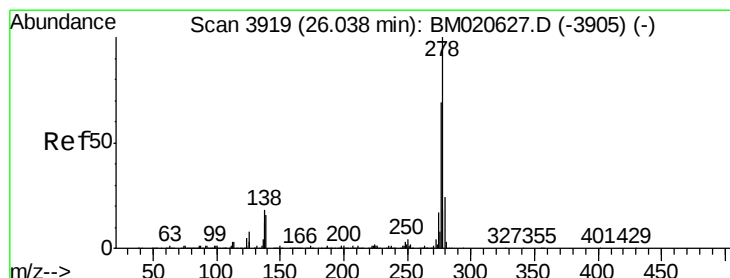
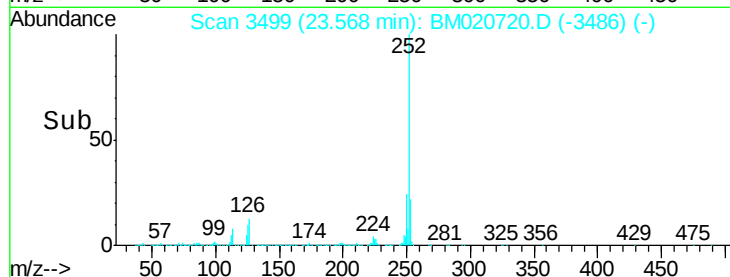
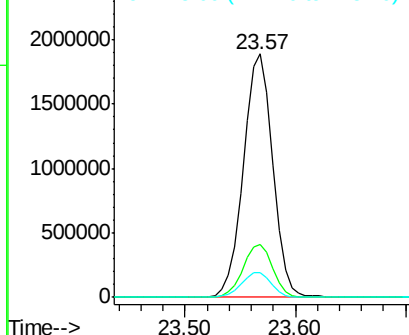
125 10.1 8.6 13.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 91.436 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

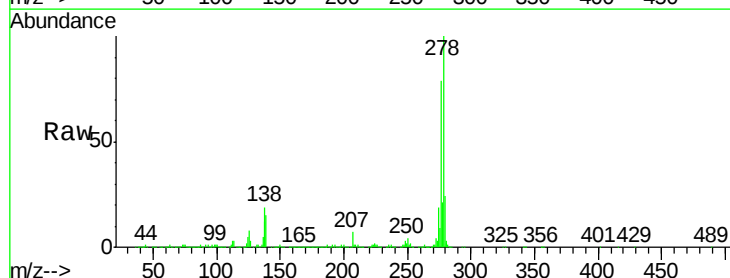
Tgt Ion:278 Resp: 3928630

Ion Ratio Lower Upper

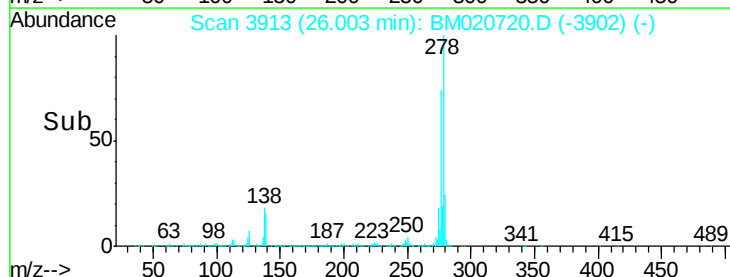
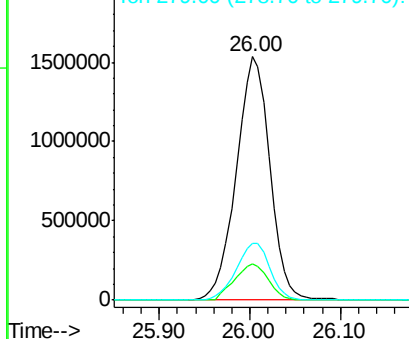
278 100

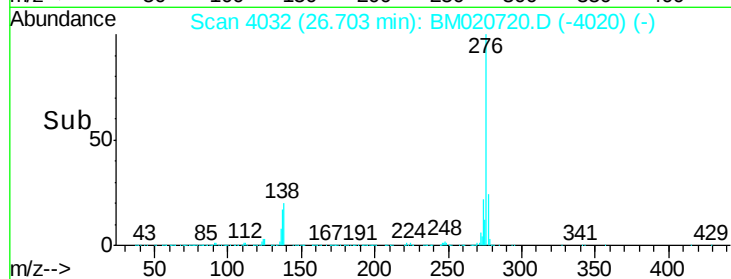
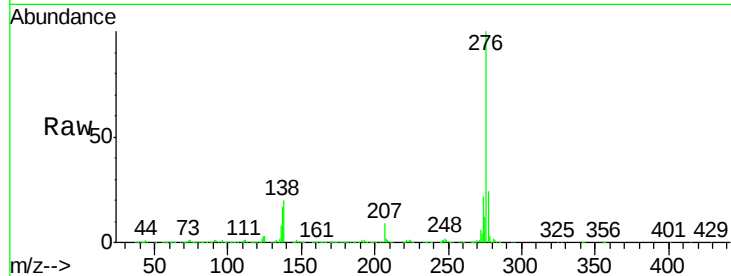
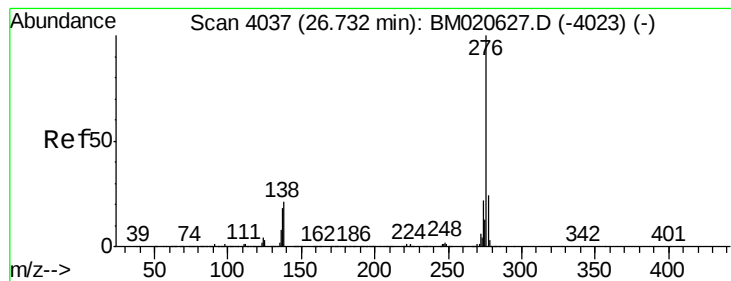
139 15.0 12.6 18.8

279 23.5 19.0 28.6



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





#92

Benzo(g,h,i)perylene

Concen: 94.746 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.03 min

Lab File: BM020720.D

Acq: 05 Jun 2019 03:18

Tgt Ion:	276	Resp:	3781205
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	20.2	17.0	25.4

Instrument :

BNA_M

ClientSampleId :

PB120082BS

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:48 PM

