

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020727.D
 Acq On : 05 Jun 2019 09:25
 Operator : HP/JU
 Sample : PB120300BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Quant Time: Jun 05 18:21:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	328241	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1344477	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	742417	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1443676	20.00	ng	0.00
76) Chrysene-d12	21.38	240	1107096	20.00	ng	0.00
87) Perylene-d12	23.67	264	1201277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2665637	142.85	ng	0.00
7) Phenol-d6	6.99	99	3550490	129.22	ng	0.00
23) Nitrobenzene-d5	8.99	82	2133274	82.21	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	1290188	140.26	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	4922084	88.14	ng	0.00
79) Terphenyl-d14	19.83	244	5566137	84.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	307102	40.198	ng	100
3) Pyridine	3.74	79	884635	36.394	ng	99
4) n-Nitrosodimethylamine	3.66	42	393582	37.562	ng	97
6) Aniline	7.16	93	1204710	30.303	ng	100
8) 2-Chlorophenol	7.39	128	1052118	45.323	ng	99
9) Benzaldehyde	6.97	77	311089	15.789	ng	99
10) Phenol	7.02	94	1301309	43.949	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	935707	39.653	ng	99
12) 1,3-Dichlorobenzene	7.71	146	1072180	40.188	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1088856	40.146	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1041715	39.467	ng	99
15) Benzyl Alcohol	8.06	79	944080	38.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1283876	35.240	ng	99
17) 2-Methylphenol	8.26	107	870351	41.801	ng	99
18) Hexachloroethane	8.89	117	396607	38.193	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	792384	35.876	ng	98
20) 3+4-Methylphenols	8.59	107	1156701	40.832	ng	98
22) Acetophenone	8.65	105	1462598	42.823	ng	# 100
24) Nitrobenzene	9.03	77	1140211	43.042	ng	99
25) Isophorone	9.55	82	2084143	40.377	ng	100
26) 2-Nitrophenol	9.73	139	501538	50.799	ng	98
27) 2,4-Dimethylphenol	9.79	122	949608	51.329	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1280831	41.039	ng	99
29) 2,4-Dichlorophenol	10.26	162	977992	47.781	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1039321	44.160	ng	99
31) Naphthalene	10.66	128	3014290	43.598	ng	100
32) Benzoic acid	9.93	122	497041	43.253	ng	98
33) 4-Chloroaniline	10.77	127	481334	14.959	ng	100
34) Hexachlorobutadiene	10.94	225	603193	42.714	ng	98
35) Caprolactam	11.57	113	185709	26.117	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	1009369	42.415	ng	100
37) 2-Methylnaphthalene	12.27	142	2227591	43.468	ng	99
38) 1-Methylnaphthalene	12.50	142	2113734	43.318	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1163947	47.841	ng	99

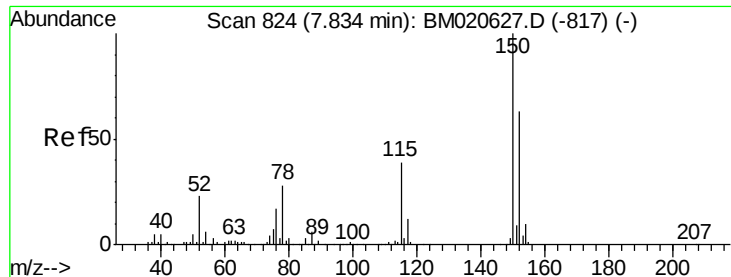
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020727.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1484735	102.037	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	747085	47.705	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	799982	49.480	ng	99
46) 1,1'-Biphenyl	13.29	154	2820436	45.488	ng	100
47) 2-Chloronaphthalene	13.33	162	2181947	43.601	ng	99
48) 2-Nitroaniline	13.54	65	612801	39.015	ng	99
49) Acenaphthylene	14.18	152	3437453	44.023	ng	100
50) Dimethylphthalate	13.92	163	2640620	41.631	ng	99
51) 2,6-Dinitrotoluene	14.04	165	567170	44.038	ng	97
52) Acenaphthene	14.53	154	1995797	42.891	ng	100
53) 3-Nitroaniline	14.37	138	333268	23.183	ng	96
54) 2,4-Dinitrophenol	14.57	184	437564	79.066	ng	98
55) Dibenzofuran	14.86	168	3131557	43.331	ng	98
56) 4-Nitrophenol	14.67	139	856152	80.820	ng	100
57) 2,4-Dinitrotoluene	14.83	165	737728	42.780	ng	98
58) Fluorene	15.51	166	2492459	41.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	668336	47.439	ng	99
60) Diethylphthalate	15.29	149	2591568	39.616	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1329934	42.263	ng	99
62) 4-Nitroaniline	15.54	138	517227	33.926	ng	99
63) Azobenzene	15.80	77	2402759	38.312	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	281302	43.774	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2135909	46.216	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	779715	45.872	ng	100
68) Hexachlorobenzene	16.50	284	884456	44.560	ng	99
69) Atrazine	16.67	200	685523	49.700	ng	99
70) Pentachlorophenol	16.85	266	983915	103.909	ng	99
71) Phenanthrene	17.24	178	3525786	43.085	ng	100
72) Anthracene	17.34	178	3594810	43.891	ng	99
73) Carbazole	17.61	167	3044599	40.963	ng	100
74) Di-n-butylphthalate	18.17	149	3895096	40.371	ng	100
75) Fluoranthene	19.26	202	3621047	39.790	ng	100
77) Benzidine	19.45	184	1478220	44.065	ng	100
78) Pyrene	19.62	202	3635643	42.794	ng	100
80) Butylbenzylphthalate	20.52	149	1441846	40.160	ng	100
81) Benzo(a)anthracene	21.36	228	3159117	40.976	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	867167	30.716	ng	98
83) Chrysene	21.42	228	3125539	42.649	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1997201	38.275	ng	99
85) Di-n-octyl phthalate	22.19	149	3196351	38.583	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4112909	54.858	ng	99
88) Benzo(b)fluoranthene	22.98	252	3402668	42.856	ng	99
89) Benzo(k)fluoranthene	23.03	252	3144790	40.530	ng	100
90) Benzo(a)pyrene	23.57	252	3225076	44.782	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3456750	49.475	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3345179	51.545	ng	100

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

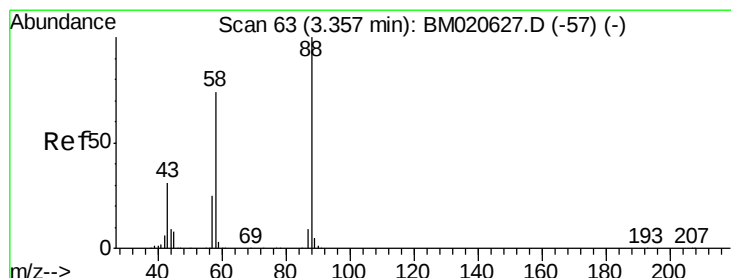
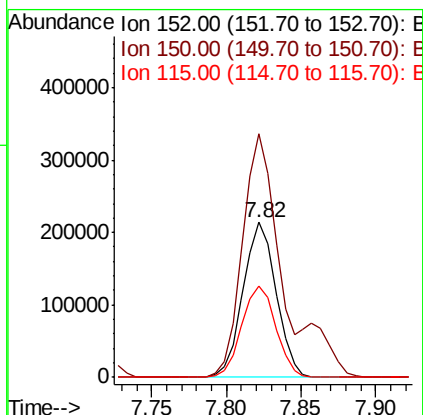
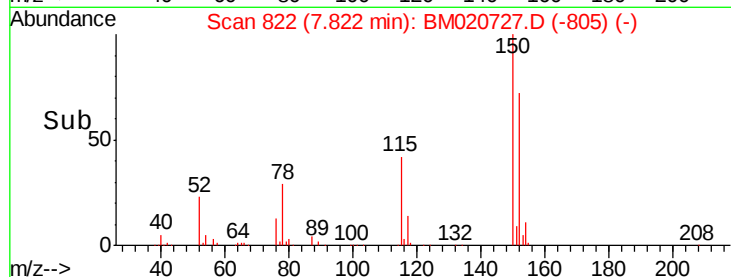
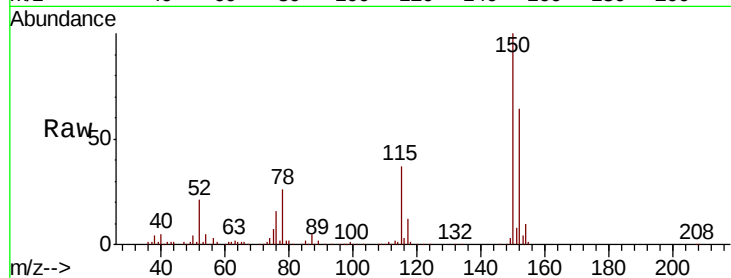


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

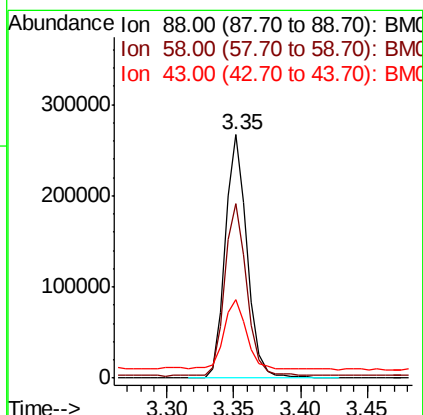
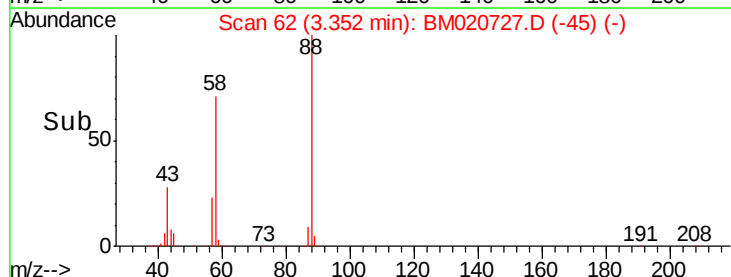
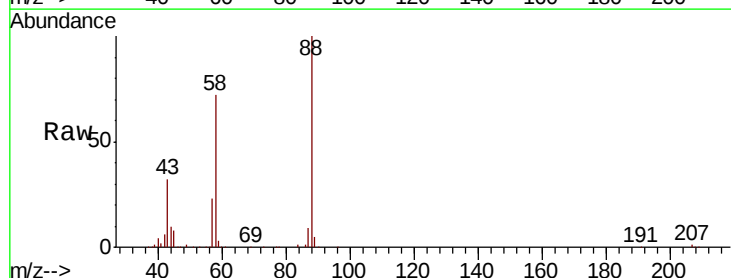
Tot Ion:152 Resp: 328241
Ion Ratio Lower Upper
152 100
150 157.0 124.0 186.0
115 58.5 47.0 70.6

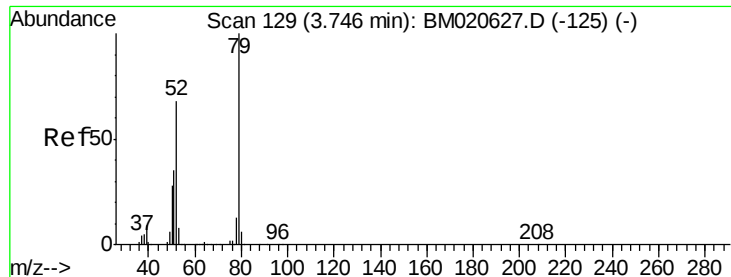


#2

1,4-Dioxane
Concen: 40.198 ng
RT: 3.35 min Scan# 62
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion: 88 Resp: 307102
Ion Ratio Lower Upper
88 100
58 71.8 57.2 85.8
43 30.7 24.2 36.4





#3

Pvridine

Concen: 36.394 ng

RT: 3.74 min Scan# 128

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

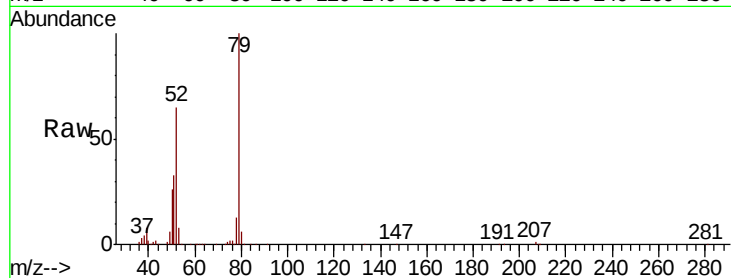
Tot Ion: 79 Resp: 884635

Ion Ratio Lower Upper

79 100

52 65.3 52.0 78.0

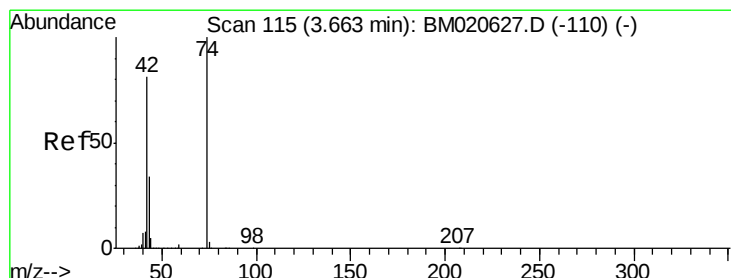
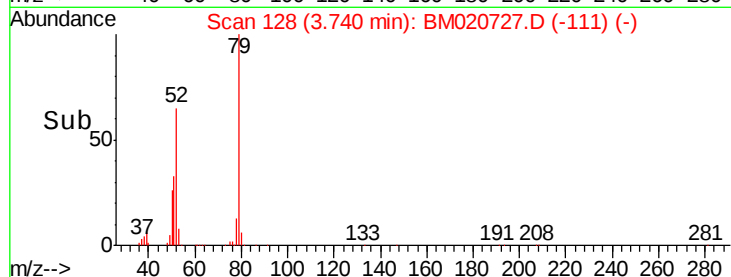
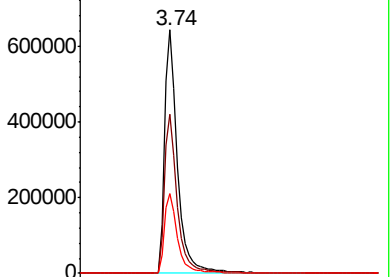
51 32.7 26.5 39.7



Abundance Ion 79.00 (78.70 to 79.70): BM020727.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020727.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020727.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 37.562 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

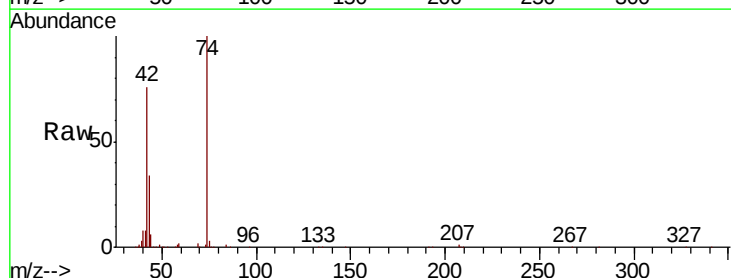
Tgt Ion: 42 Resp: 393582

Ion Ratio Lower Upper

42 100

74 132.4 103.3 154.9

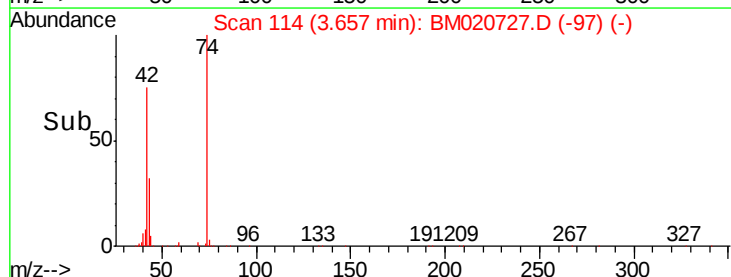
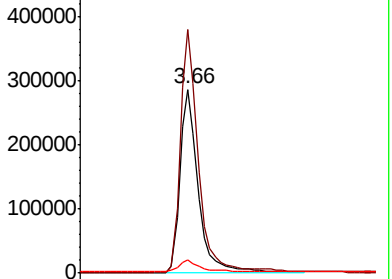
44 7.4 5.9 8.9

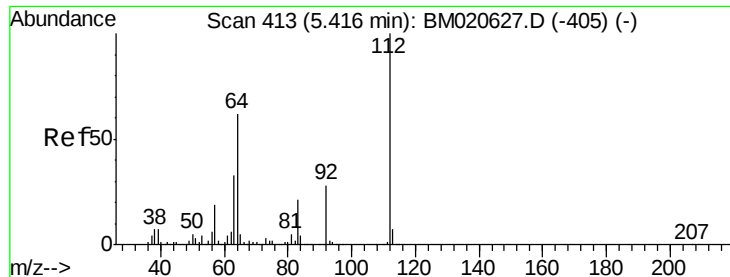


Abundance Ion 42.00 (41.70 to 42.70): BM020727.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020727.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020727.D (-110) (-)





#5

2-Fluorophenol

Concen: 142.853 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

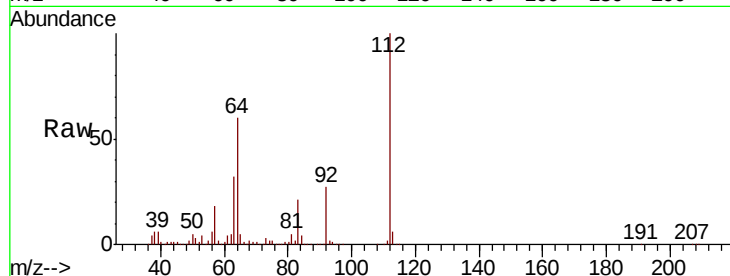
Tot Ion:112 Resp: 2665637

Ion Ratio Lower Upper

112 100

64 60.0 47.8 71.8

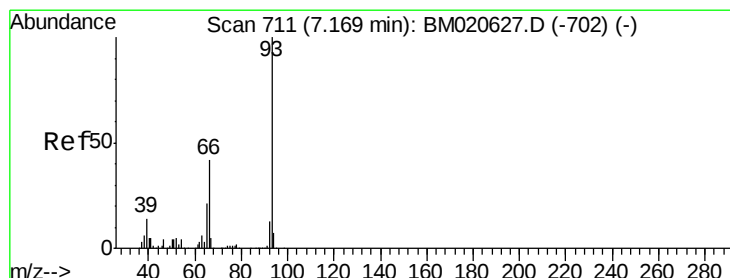
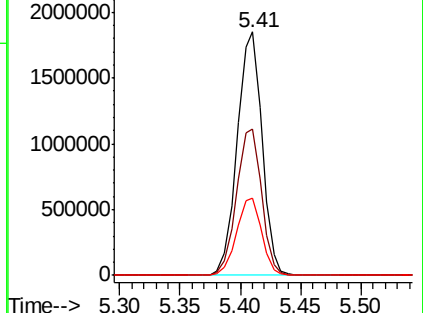
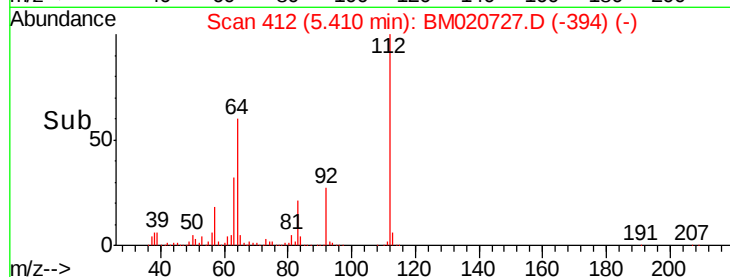
63 31.5 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.303 ng

RT: 7.16 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

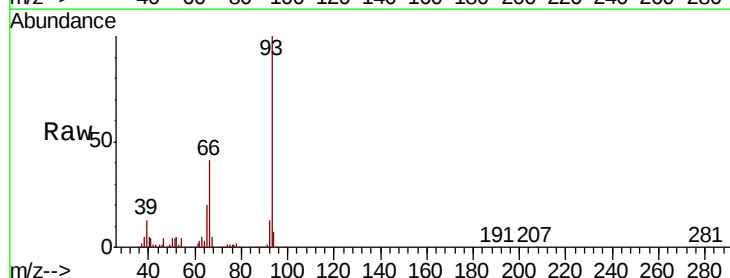
Tgt Ion: 93 Resp: 1204710

Ion Ratio Lower Upper

93 100

66 40.9 33.0 49.4

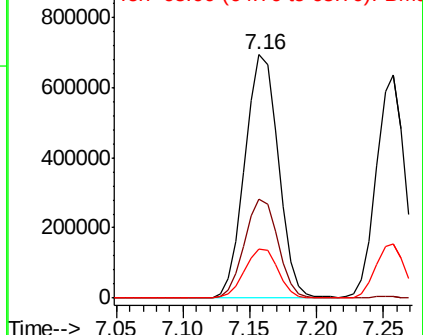
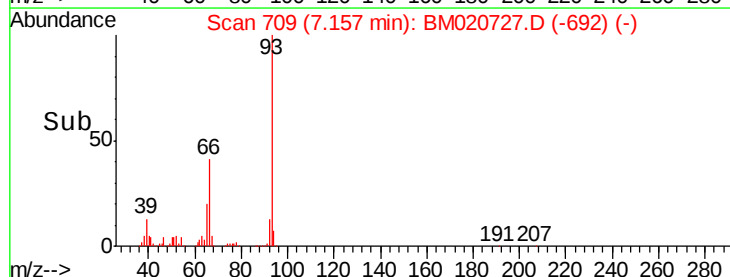
65 20.2 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 129.221 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

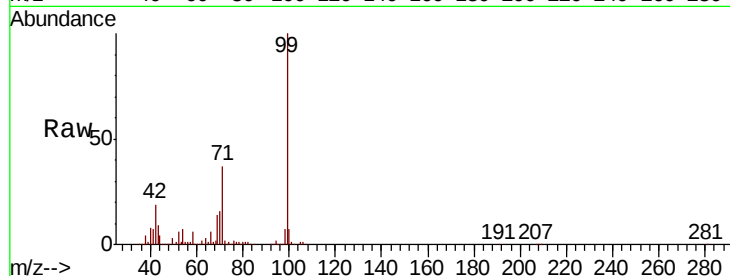
BNA_M

ClientSampleId :

PB120300BS

Tot Ion: 99 Resp: 3550490

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.8	22.2
71	36.8	29.5	44.3

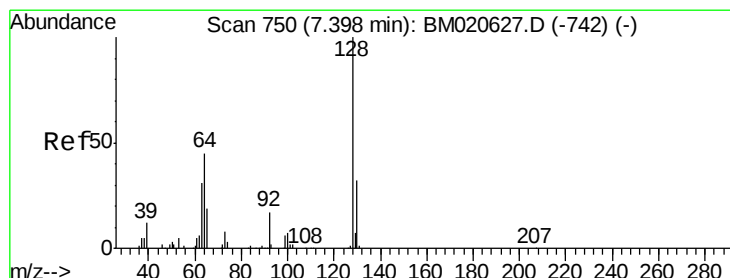
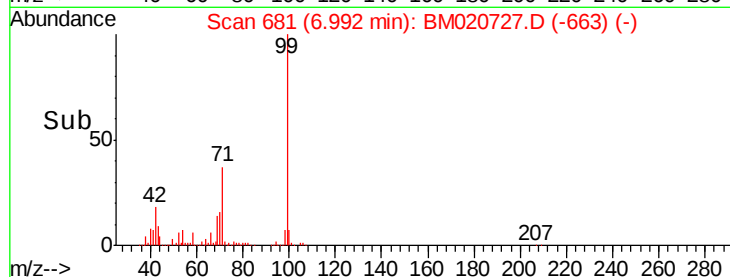
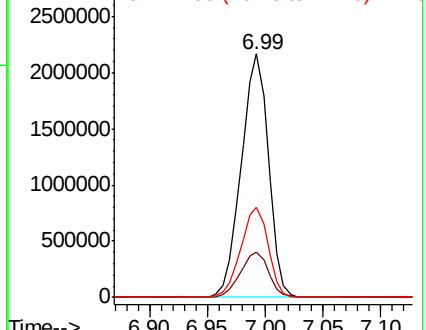


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#8

2-Chlorophenol

Concen: 45.323 ng

RT: 7.39 min Scan# 748

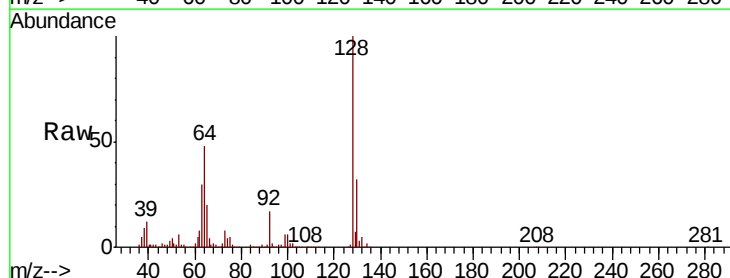
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion: 128 Resp: 1052118

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	48.0	27.5	67.5

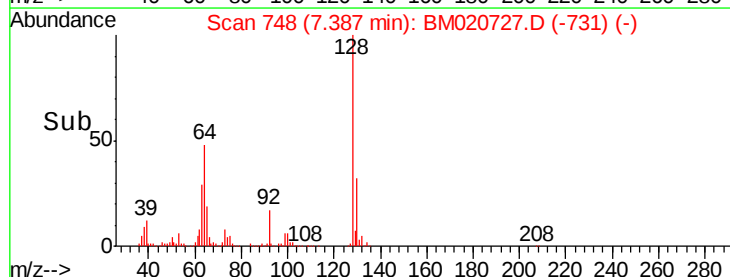
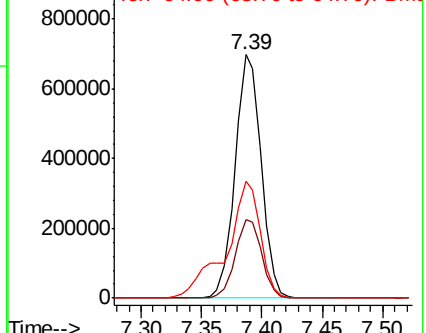


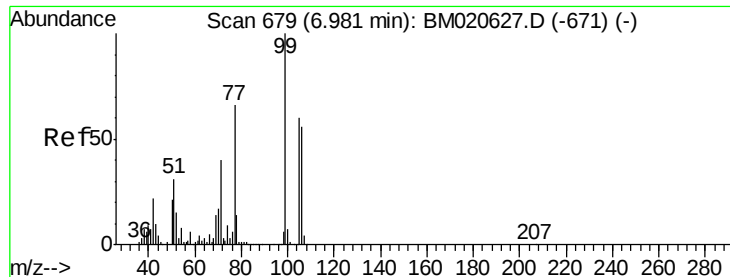
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM0





#9

Benzaldehyde

Concen: 15.789 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

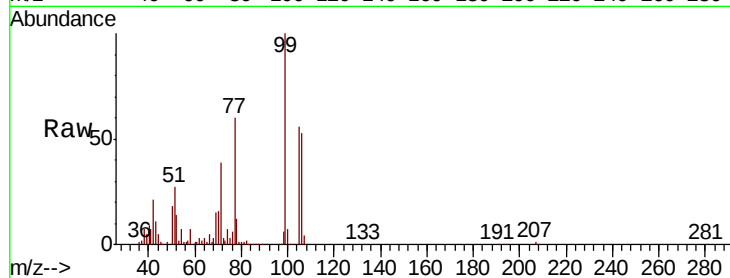
Tot Ion: 77 Resp: 311089

Ion Ratio Lower Upper

77 100

105 92.7 73.6 113.6

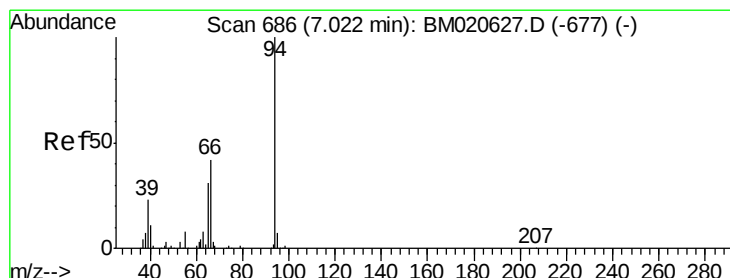
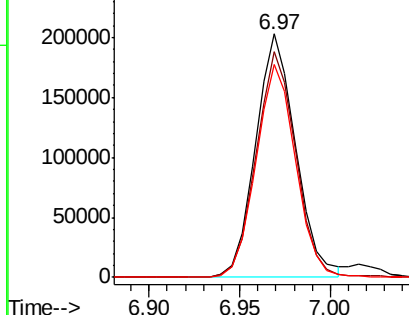
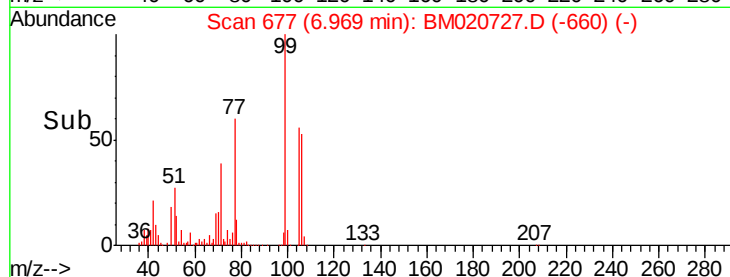
106 87.4 68.3 108.3



Abundance Ion 77.00 (76.70 to 77.70): BM020727.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM020727.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM020727.D (-660) (-)



#10

Phenol

Concen: 43.949 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

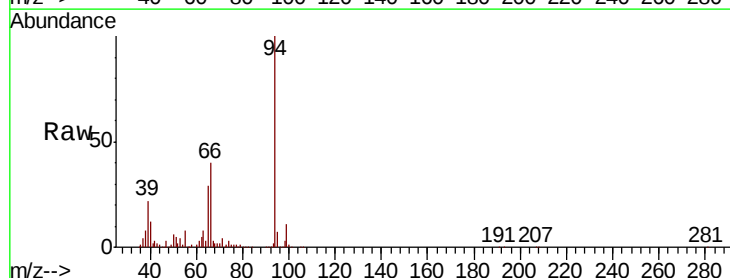
Tgt Ion: 94 Resp: 1301309

Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

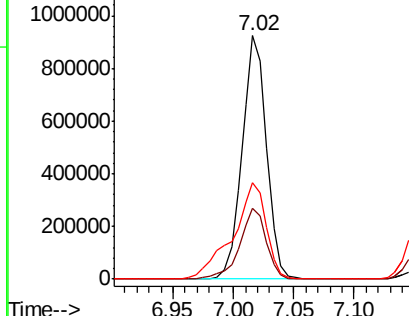
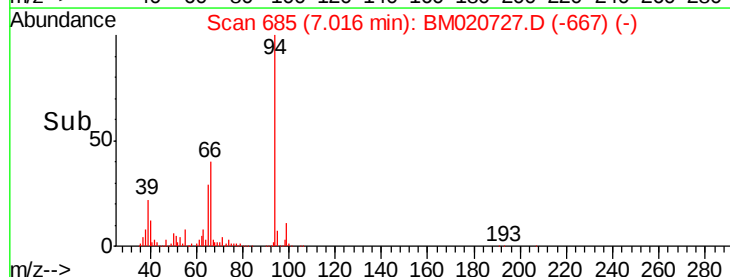
66 39.6 20.7 60.7

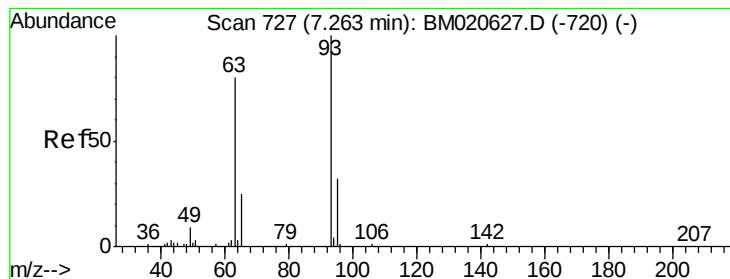


Abundance Ion 94.00 (93.70 to 94.70): BM020727.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM020727.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM020727.D (-667) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.653 ng

RT: 7.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

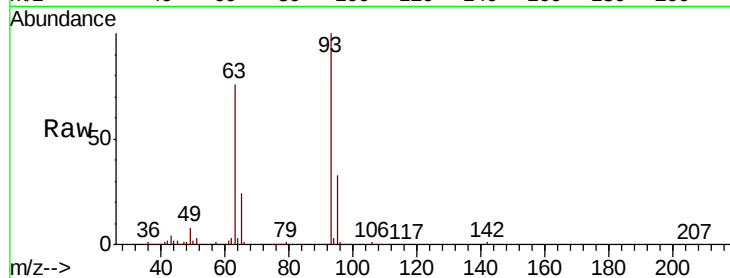
Tot Ion: 93 Resp: 935707

Ion Ratio Lower Upper

93 100

63 76.2 56.0 96.0

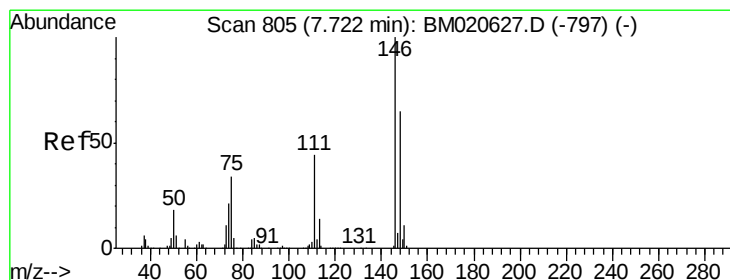
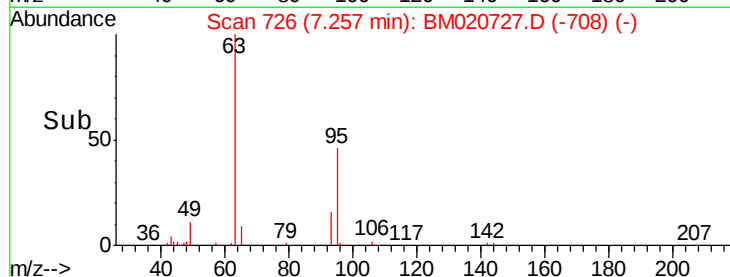
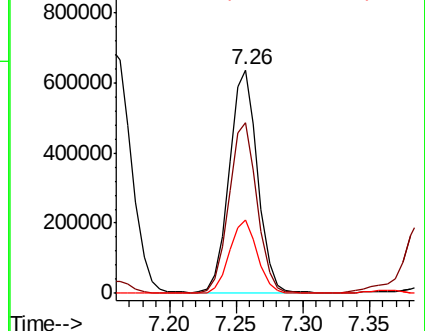
95 33.0 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BM020727.D (-720) (-)

Ion 63.00 (62.70 to 63.70): BM020727.D (-720) (-)

Ion 95.00 (94.70 to 95.70): BM020727.D (-720) (-)



#12

1,3-Dichlorobenzene

Concen: 40.188 ng

RT: 7.71 min Scan# 803

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

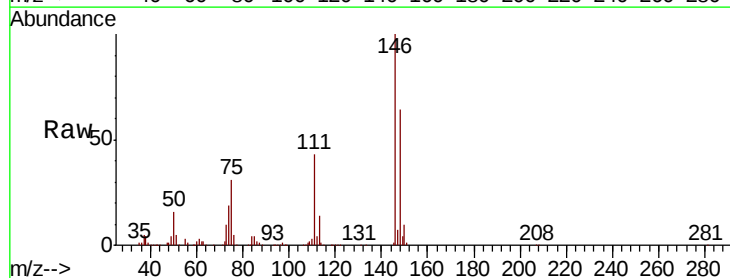
Tgt Ion: 146 Resp: 1072180

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

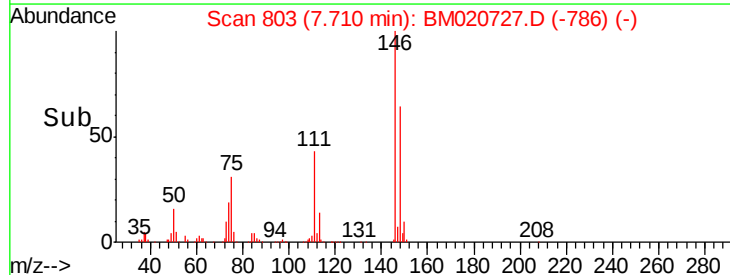
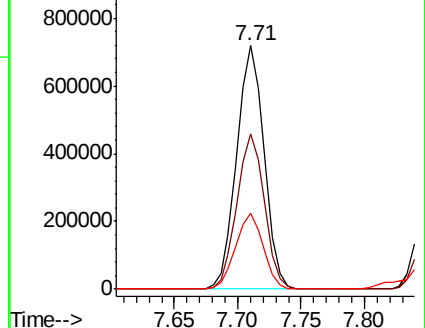
75 31.0 25.3 37.9

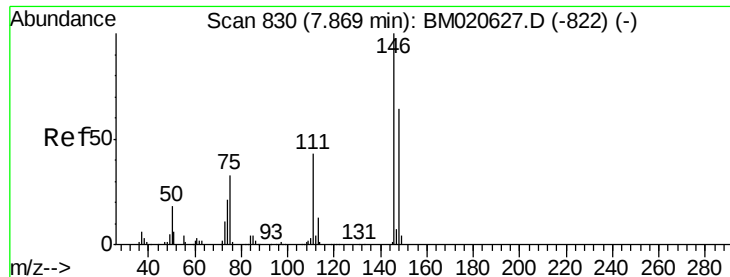


Abundance Ion 146.00 (145.70 to 146.70): BM020727.D (-797) (-)

Ion 148.00 (147.70 to 148.70): BM020727.D (-797) (-)

Ion 75.00 (74.70 to 75.70): BM020727.D (-797) (-)

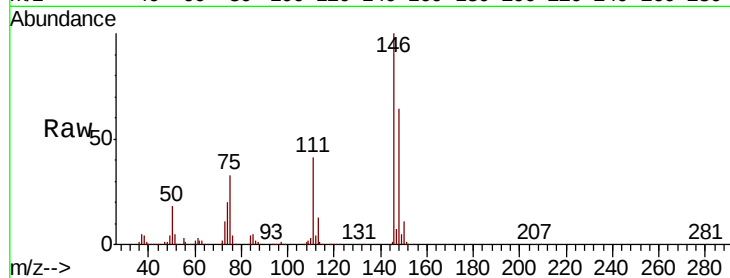




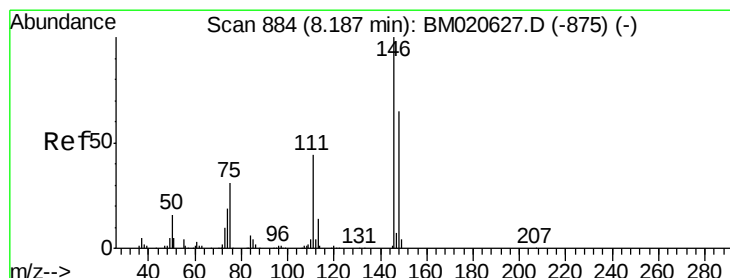
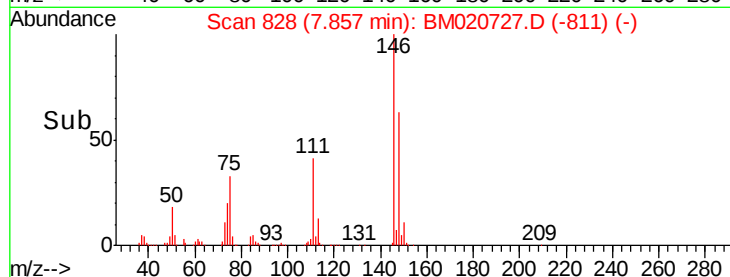
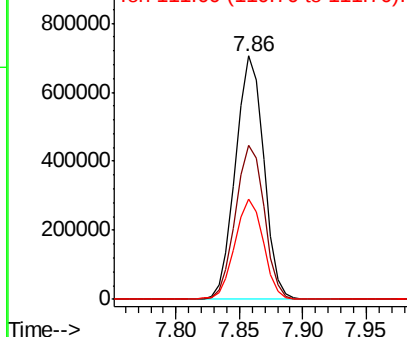
#13
 1,4-Dichlorobenzene
 Concen: 40.146 ng
 RT: 7.86 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion:146 Resp: 1088856
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.5 78.7
 111 41.4 33.8 50.8

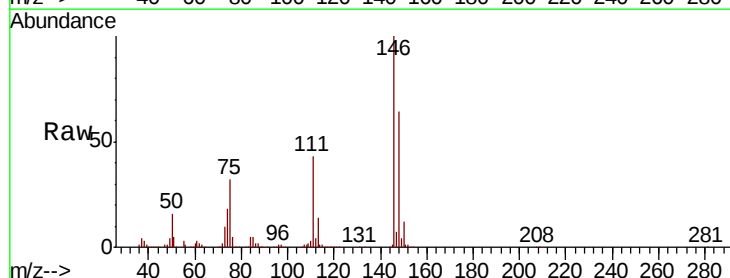


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

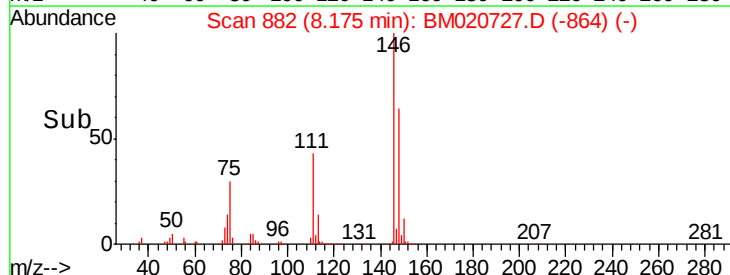
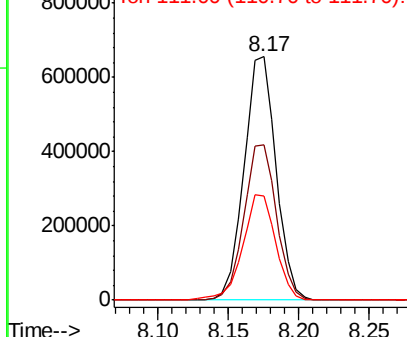


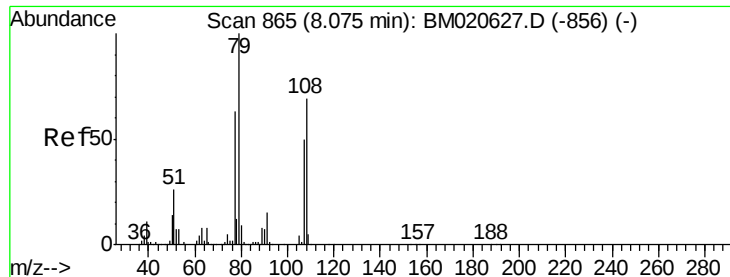
#14
 1,2-Dichlorobenzene
 Concen: 39.467 ng
 RT: 8.17 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion:146 Resp: 1041715
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 42.7 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.840 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

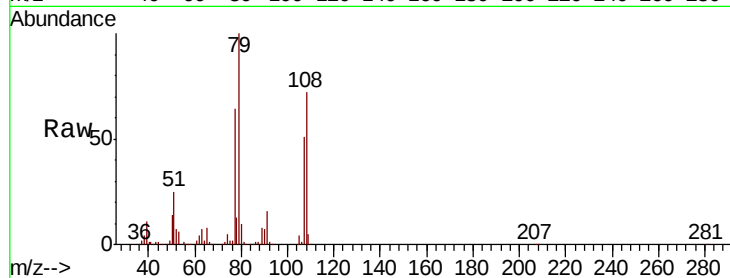
Tot Ion: 79 Resp: 944080

Ion Ratio Lower Upper

79 100

108 72.3 57.2 85.8

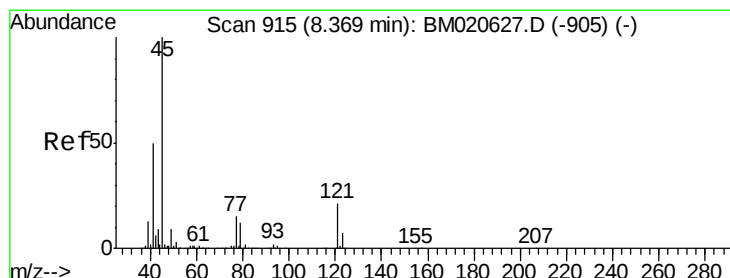
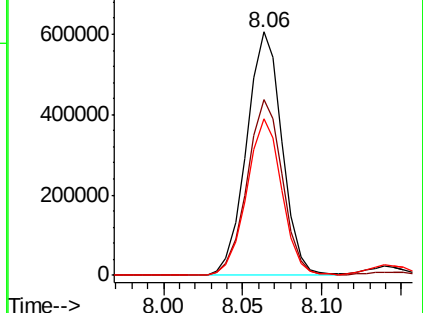
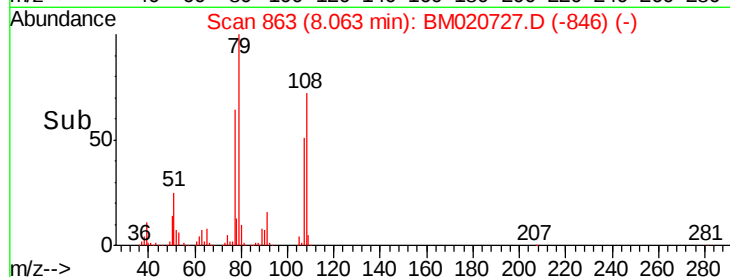
77 64.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020727.D (-846) (-)

Ion 108.00 (107.70 to 108.70): BM020727.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM020727.D (-846) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.240 ng

RT: 8.35 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

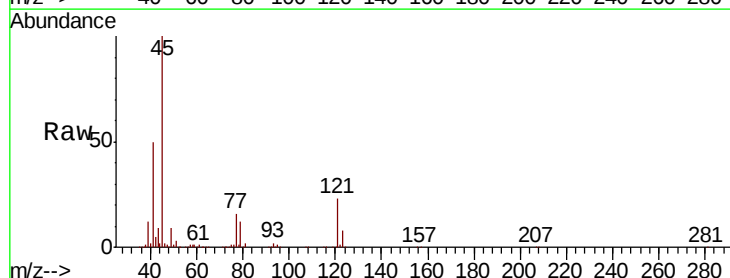
Tgt Ion: 45 Resp: 1283876

Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.4

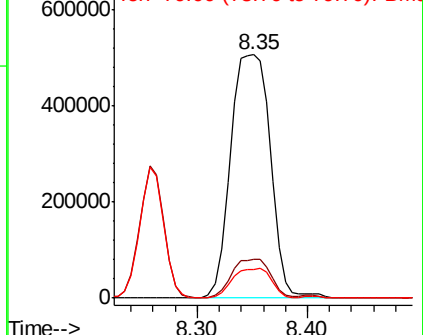
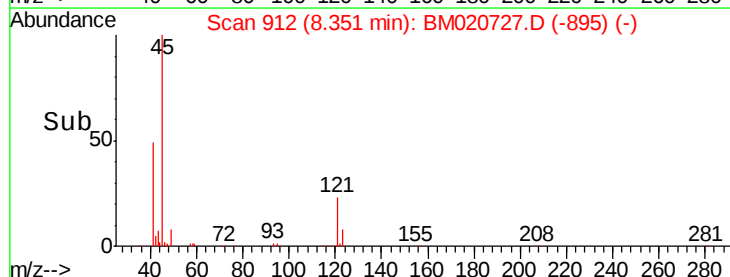
79 12.0 0.0 32.2

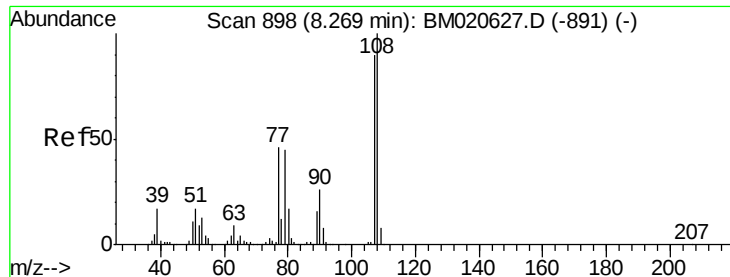


Abundance Ion 45.00 (44.70 to 45.70): BM020727.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM020727.D (-895) (-)

Ion 79.00 (78.70 to 79.70): BM020727.D (-895) (-)





#17

2-Methylphenol

Concen: 41.801 ng

RT: 8.26 min Scan# 896

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion:107 Resp: 870351

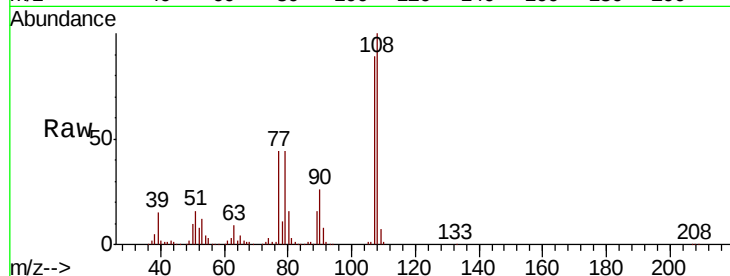
Ion Ratio Lower Upper

107 100

108 111.8 88.2 132.4

77 49.3 39.5 59.3

79 48.8 39.4 59.0

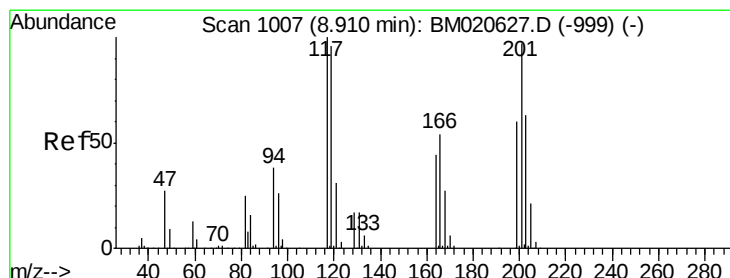
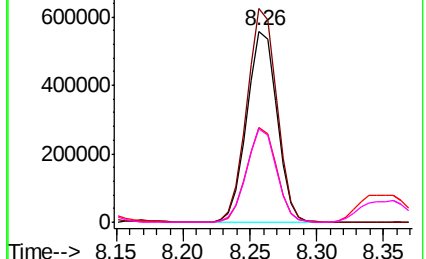
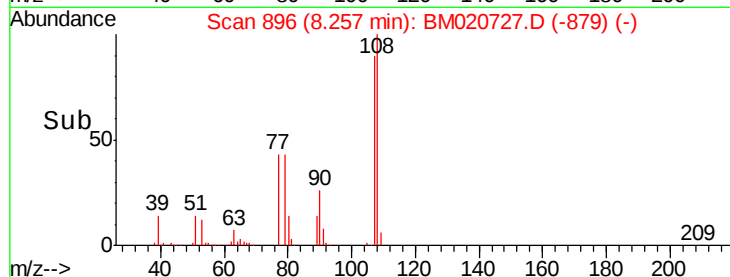


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.193 ng

RT: 8.89 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

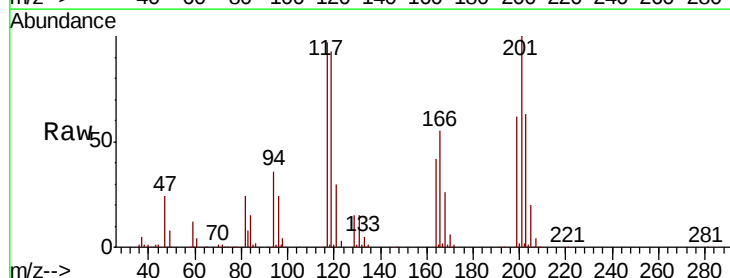
Tgt Ion:117 Resp: 396607

Ion Ratio Lower Upper

117 100

119 95.6 78.2 117.4

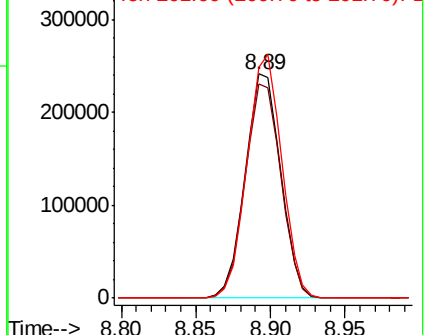
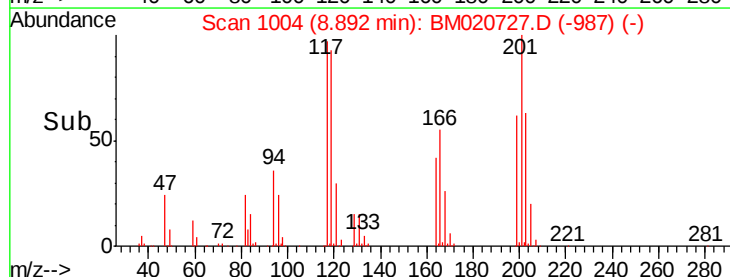
201 102.9 83.0 124.4

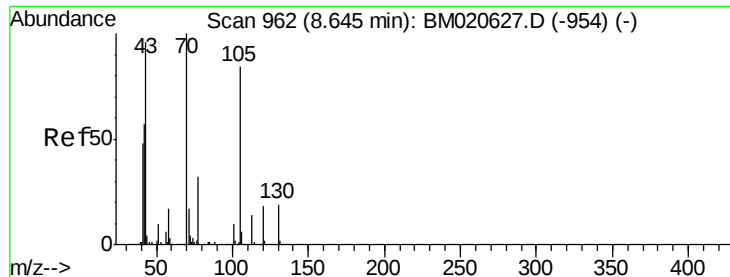


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

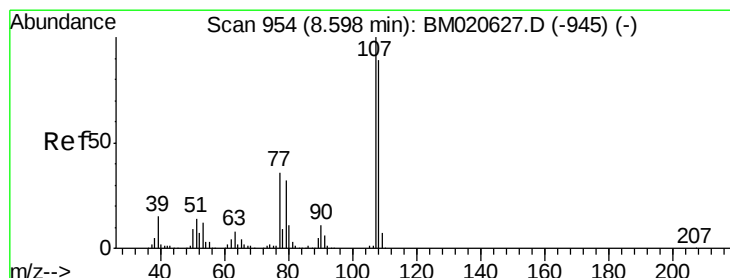
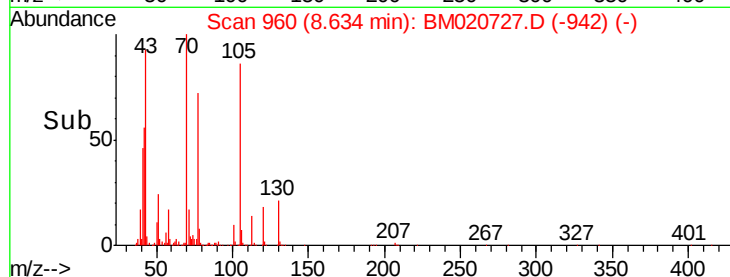
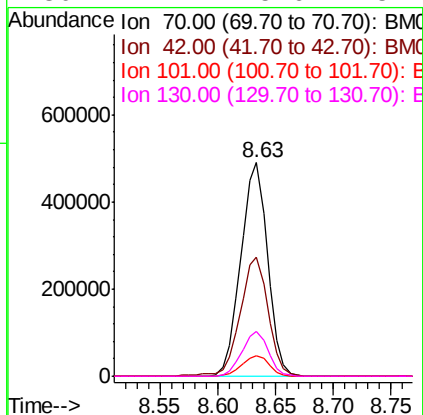
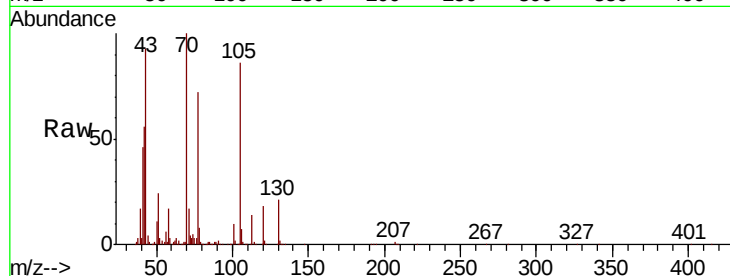




#19
n-Nitroso-di-n-propylamine
Concen: 35.876 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

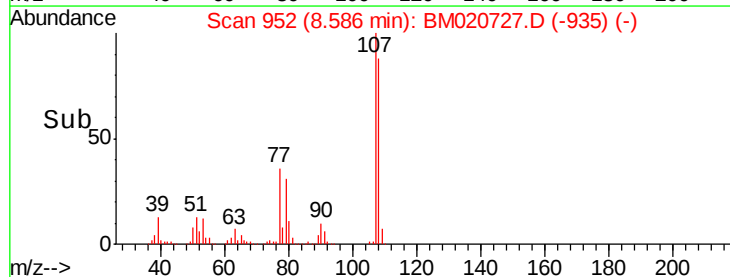
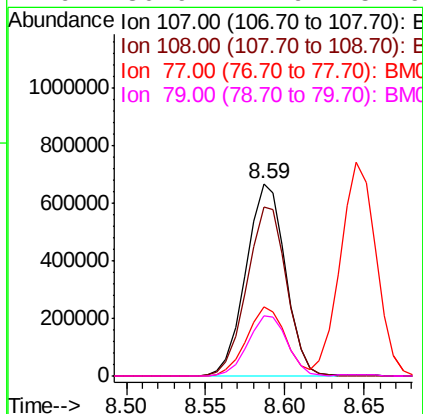
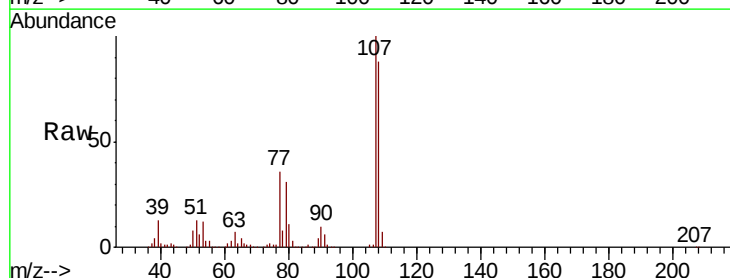
Instrument :
BNA_M
ClientSampleId :
PB120300BS

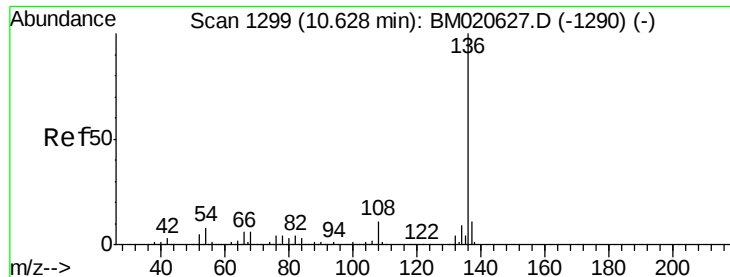
Tot Ion: 70 Resp: 792384
Ion Ratio Lower Upper
70 100
42 55.9 44.2 66.2
101 9.8 7.2 10.8
130 21.1 15.6 23.4



#20
3+4-Methylphenols
Concen: 40.832 ng
RT: 8.59 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion: 107 Resp: 1156701
Ion Ratio Lower Upper
107 100
108 87.7 70.3 110.3
77 35.6 15.5 55.5
79 30.9 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

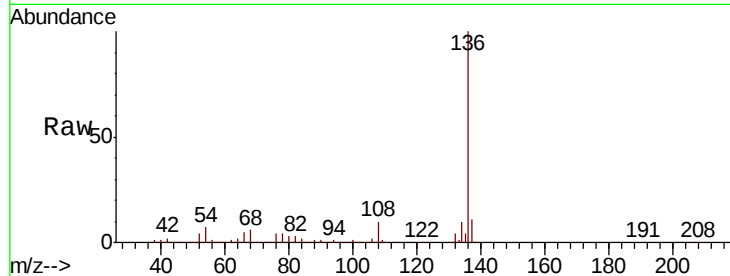
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:136 Resp: 1344477

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	6.0	9.0
68	5.8	4.4	6.6



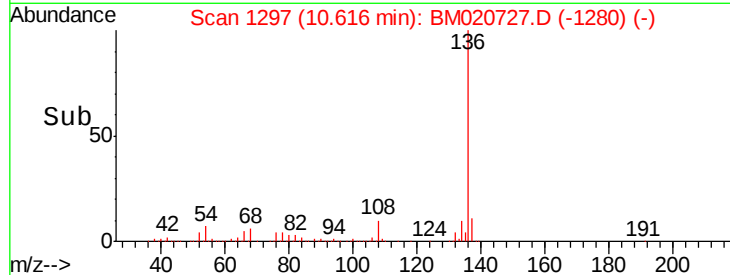
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



10.62

800000

600000

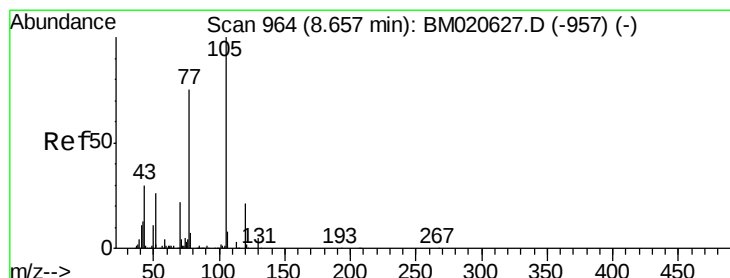
400000

200000

0

Time-->

10.55 10.60 10.65 10.70



#22

Acetophenone

Concen: 42.823 ng

RT: 8.65 min Scan# 962

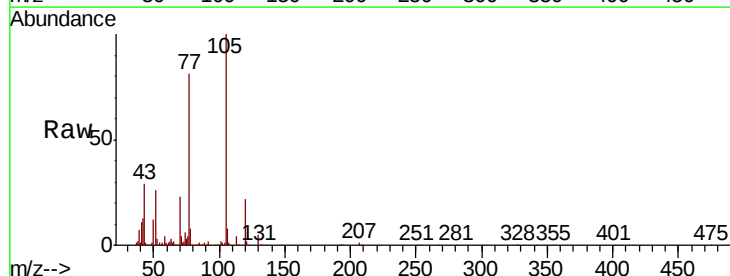
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:105 Resp: 1462598

Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.8	2.8#
51	26.3	20.9	31.3
120	21.9	17.6	26.4



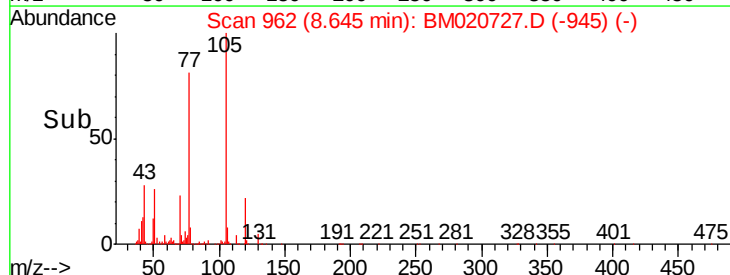
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



8.65

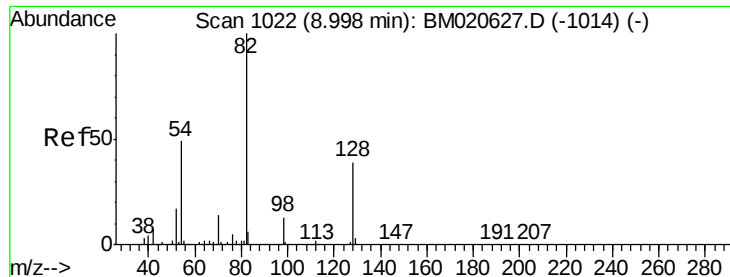
1000000

500000

0

Time-->

8.55 8.60 8.65 8.70 8.75



#23

Nitrobenzene-d5

Concen: 82.209 ng

RT: 8.99 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

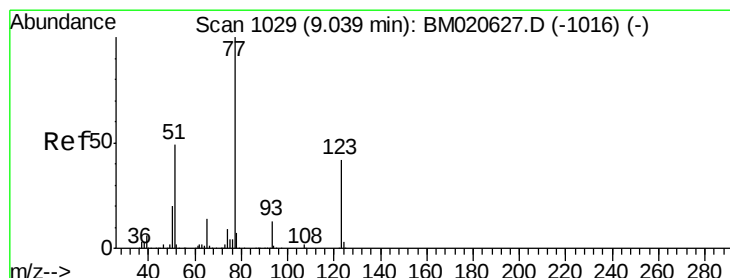
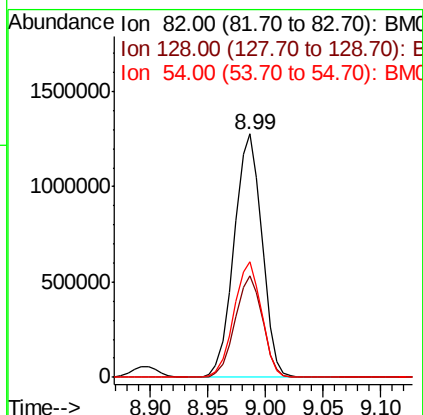
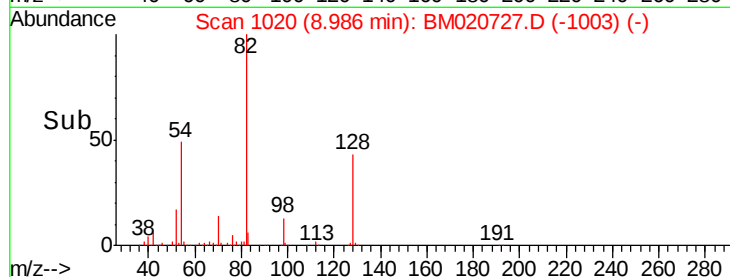
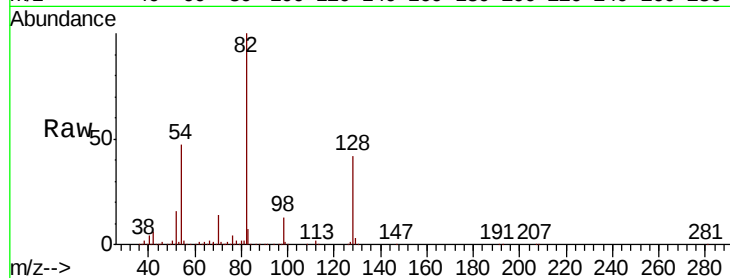
Tot Ion: 82 Resp: 2133274

Ion Ratio Lower Upper

82 100

128 41.8 33.2 49.8

54 47.4 37.7 56.5



#24

Nitrobenzene

Concen: 43.042 ng

RT: 9.03 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

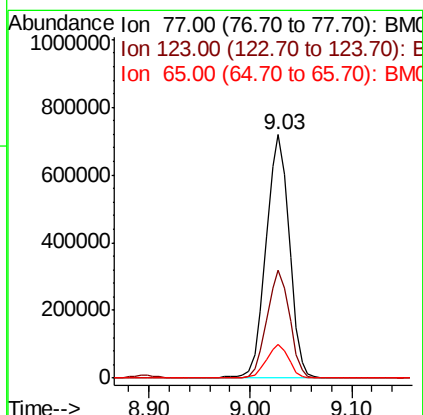
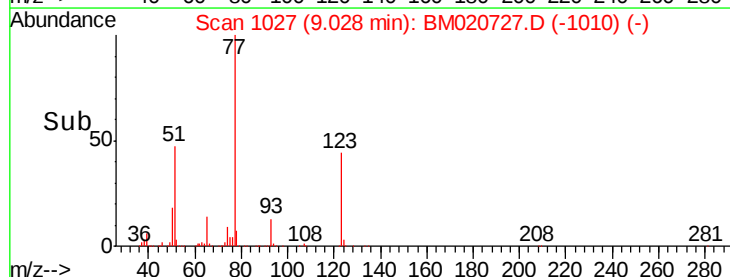
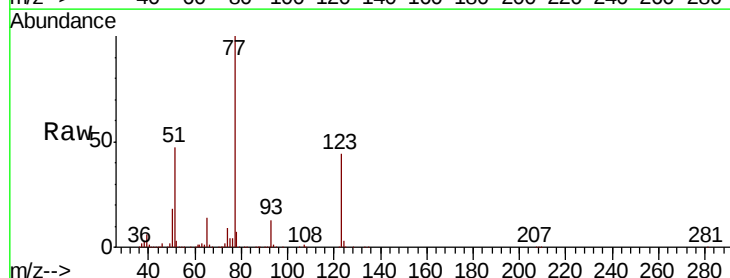
Tgt Ion: 77 Resp: 1140211

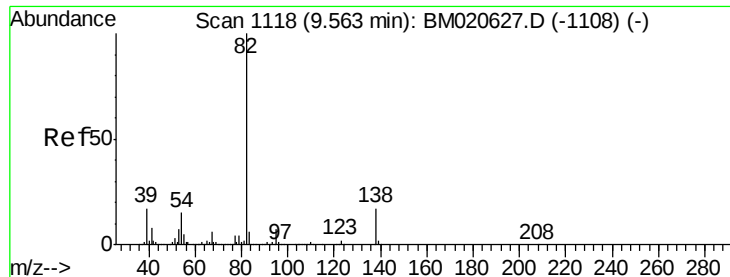
Ion Ratio Lower Upper

77 100

123 44.3 35.8 53.8

65 13.8 10.9 16.3





#25

Isophorone

Concen: 40.377 ng

RT: 9.55 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

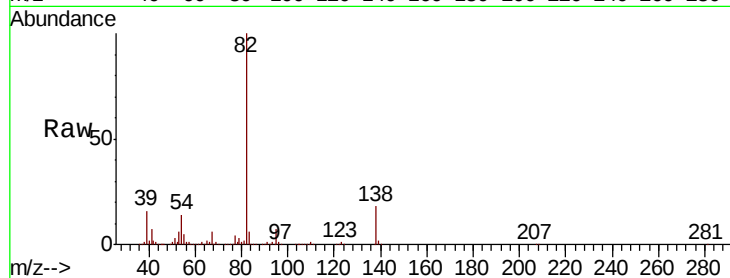
Tot Ion: 82 Resp: 2084143

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

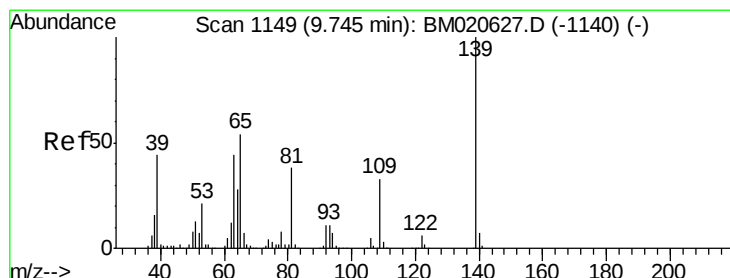
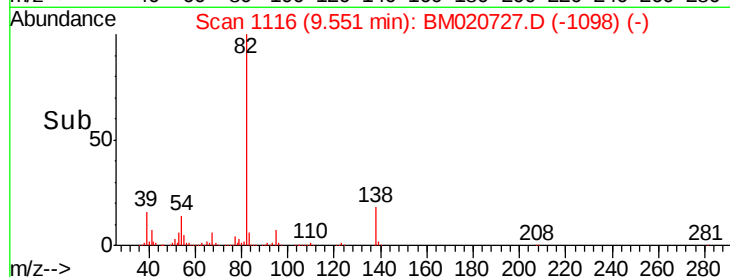
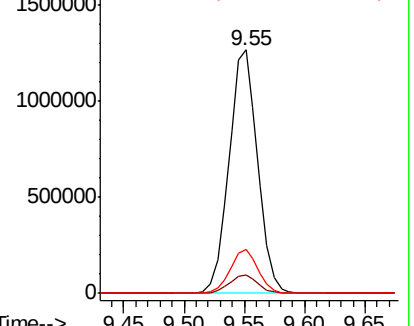
138 18.2 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BM020727.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020727.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020727.D (-1108) (-)



#26

2-Nitrophenol

Concen: 50.799 ng

RT: 9.73 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

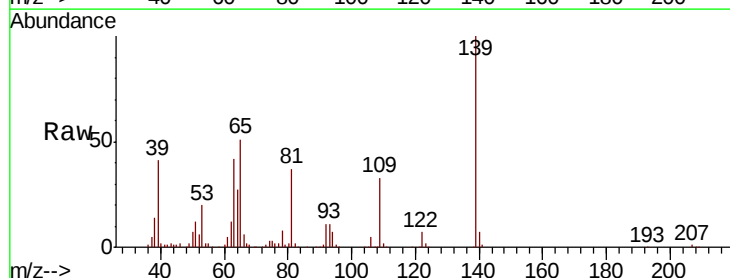
Tgt Ion: 139 Resp: 501538

Ion Ratio Lower Upper

139 100

109 32.9 26.8 40.2

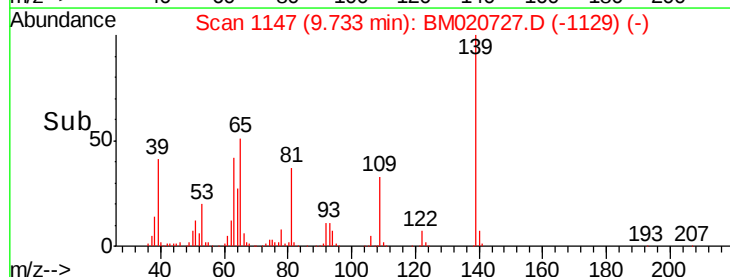
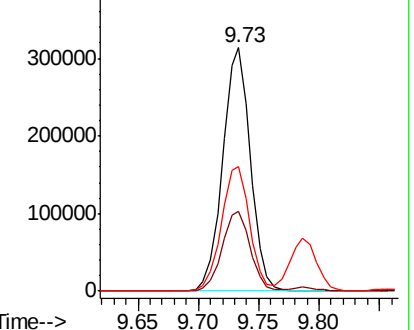
65 51.3 42.6 63.8

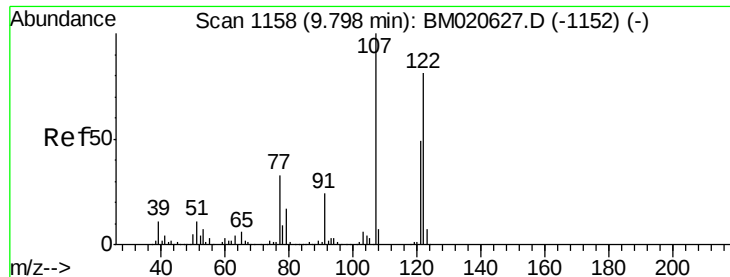


Abundance Ion 139.00 (138.70 to 139.70): BM020727.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020727.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020727.D (-1140) (-)

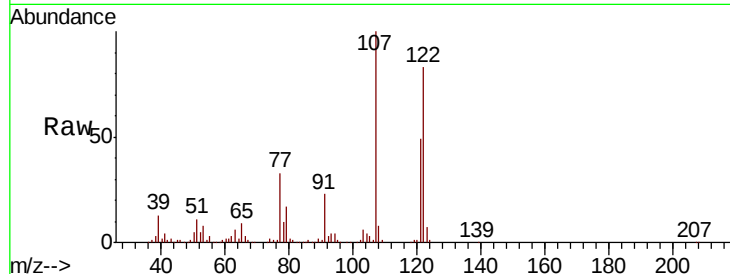




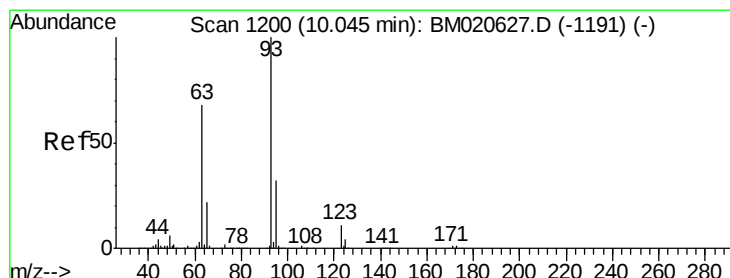
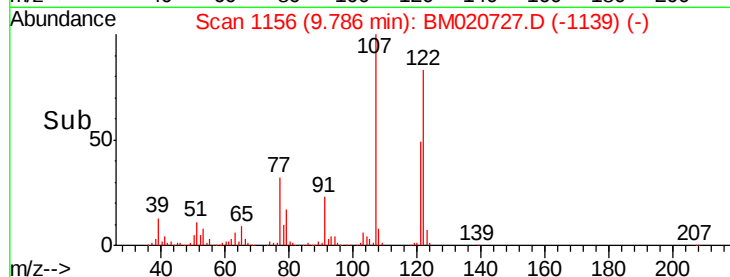
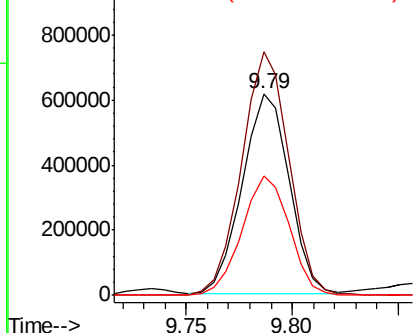
#27
 2,4-Dimethylphenol
 Concen: 51.329 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	97.8	146.6
121	59.3	48.5	72.7

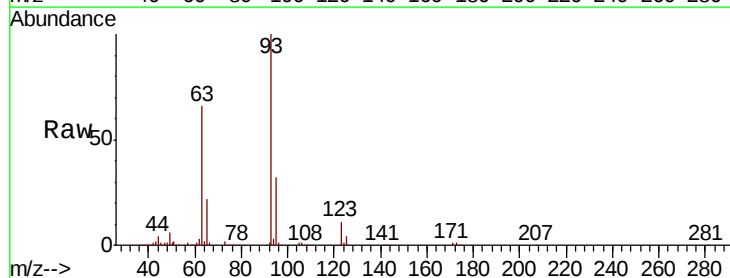


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

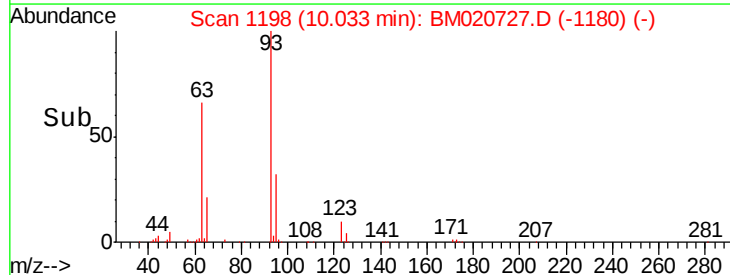
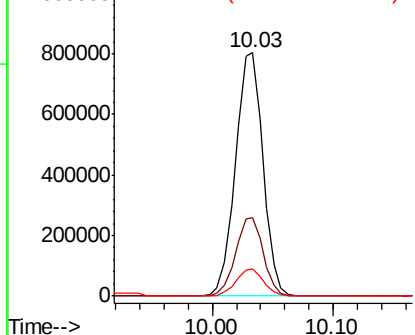


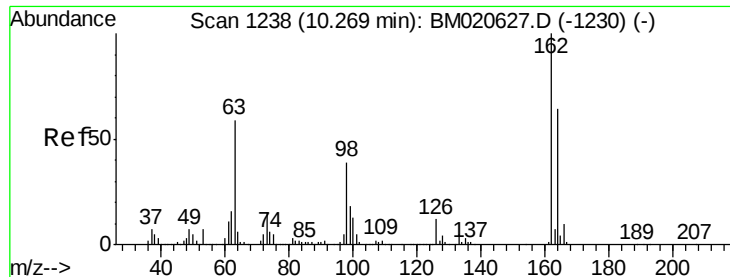
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.039 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.0
123	11.4	8.8	13.2



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

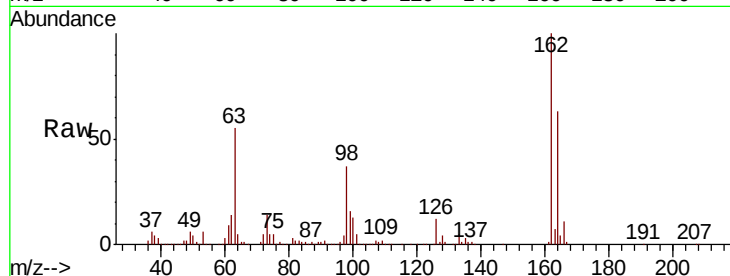




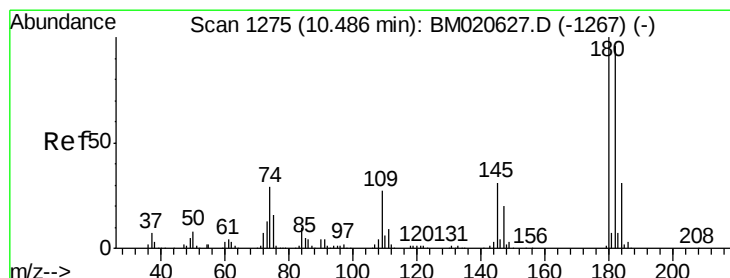
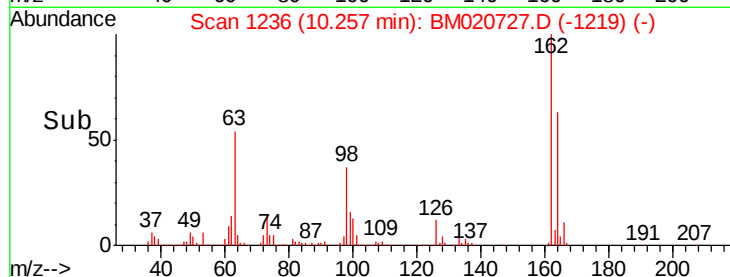
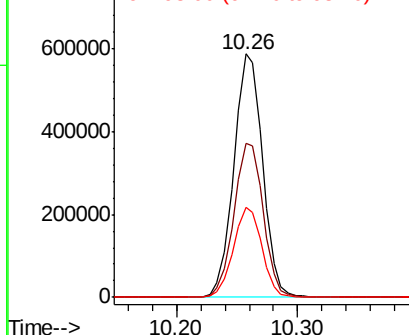
#29
2,4-Dichlorophenol
Concen: 47.781 ng
RT: 10.26 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.5	85.5
98	37.0	16.7	56.7

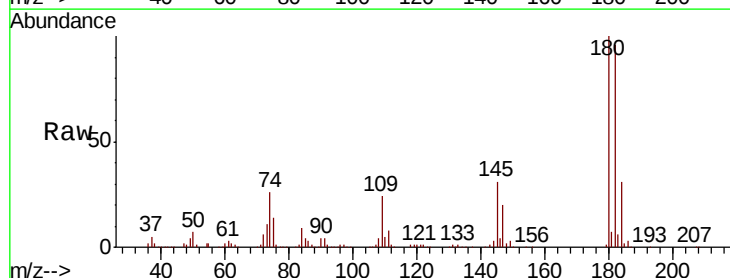


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

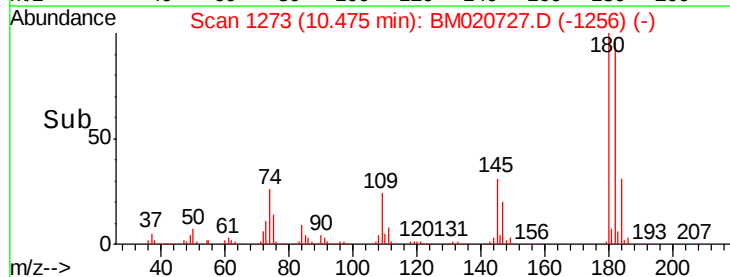
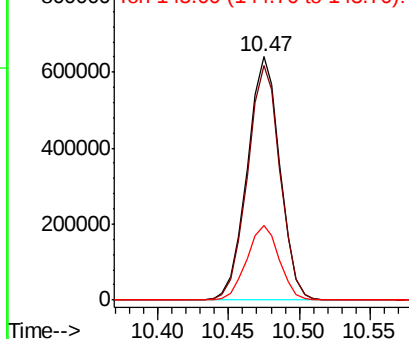


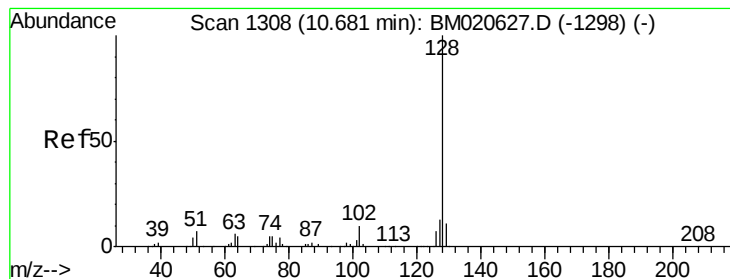
#30
1,2,4-Trichlorobenzene
Concen: 44.160 ng
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.8	116.8
145	30.5	24.3	36.5



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





#31

Naphthalene

Concen: 43.598 ng

RT: 10.66 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

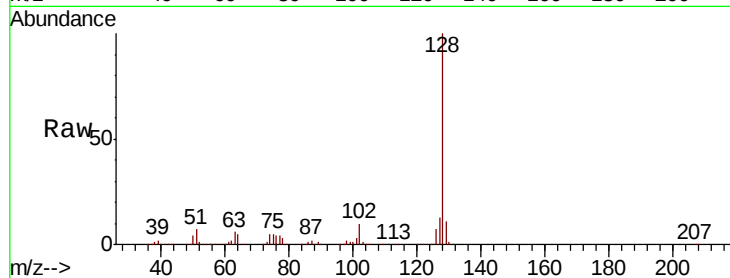
Tot Ion:128 Resp: 3014290

Ion Ratio Lower Upper

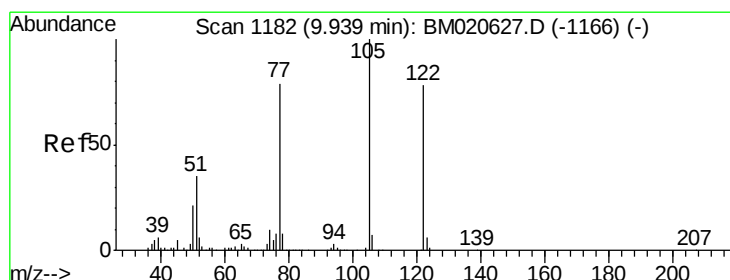
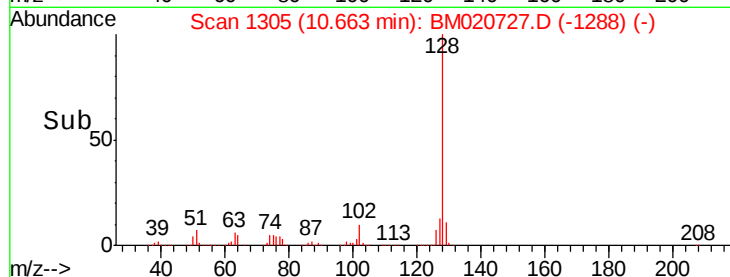
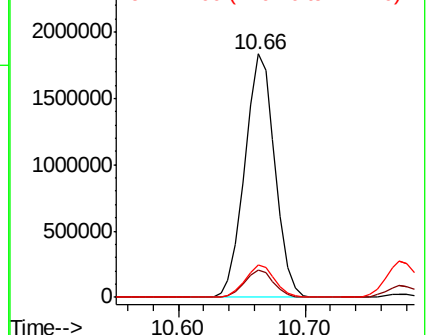
128 100

129 11.1 9.0 13.4

127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.253 ng

RT: 9.93 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

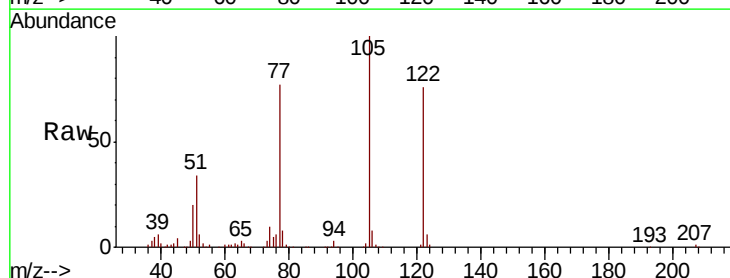
Tgt Ion:122 Resp: 497041

Ion Ratio Lower Upper

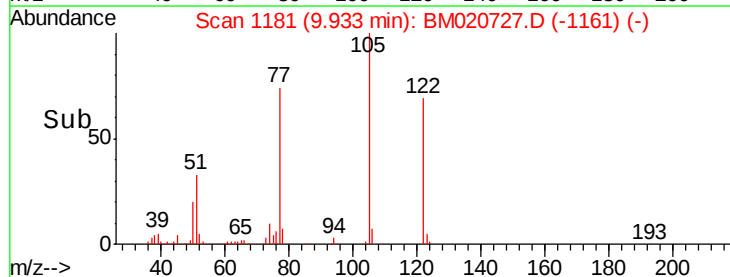
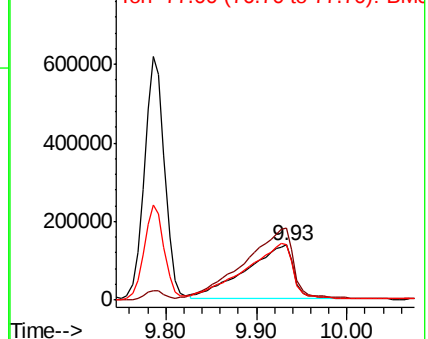
122 100

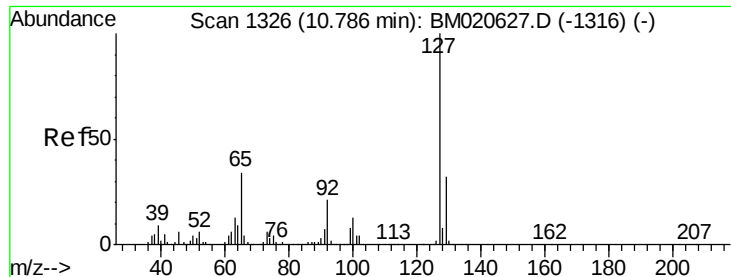
105 131.0 108.0 148.0

77 100.8 82.2 122.2



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

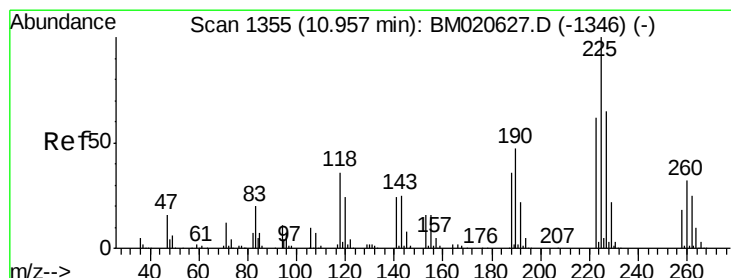
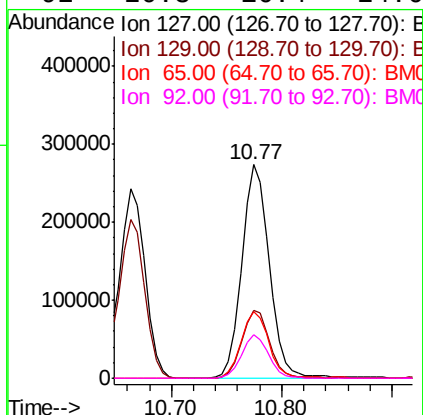
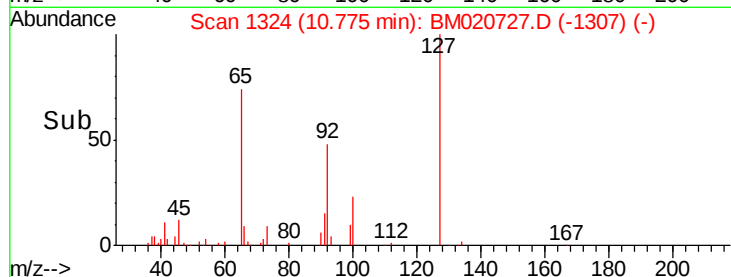
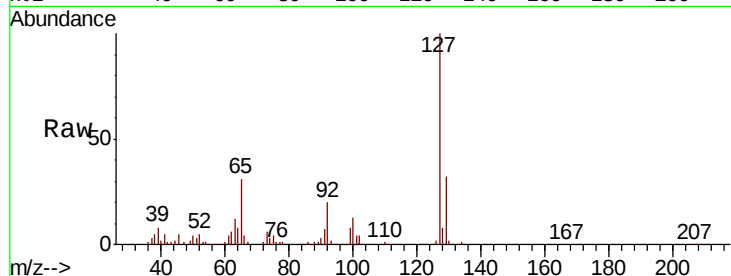




#33
4-Chloroaniline
Concen: 14.959 ng
RT: 10.77 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

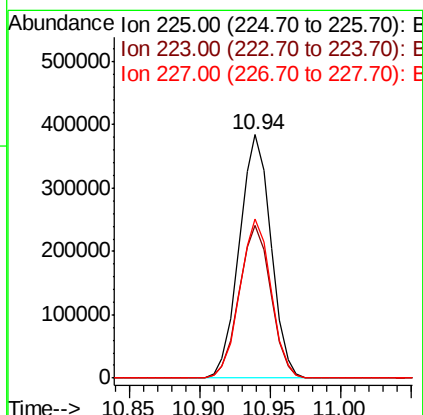
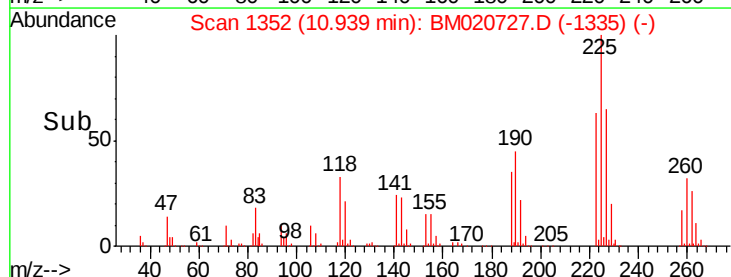
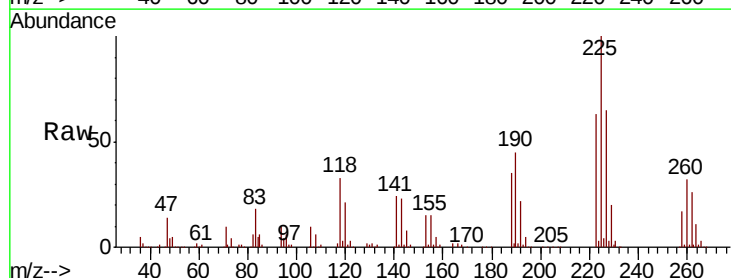
Instrument :
BNA_M
ClientSampleId :
PB120300BS

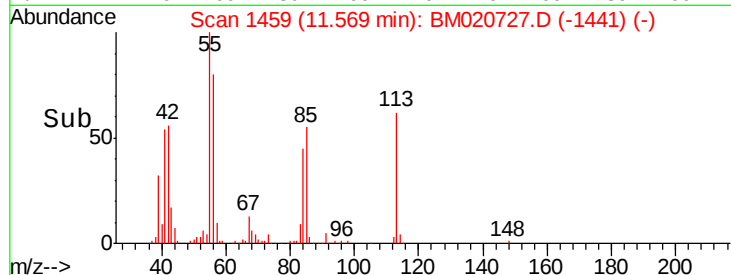
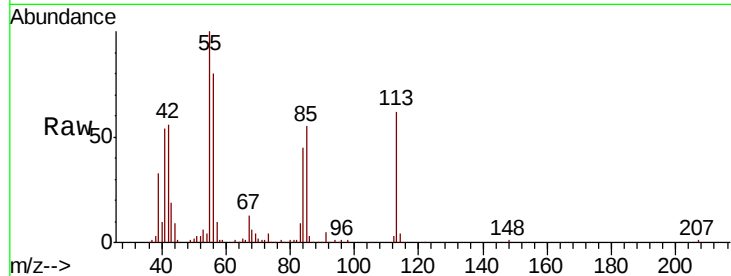
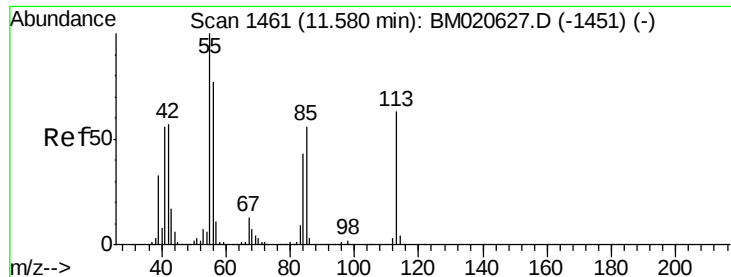
Tot Ion:	127	Resp:	481334
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.4	38.2
65	31.4	25.3	37.9
92	20.3	16.4	24.6



#34
Hexachlorobutadiene
Concen: 42.714 ng
RT: 10.94 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:	225	Resp:	603193
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.6	74.4
227	65.3	51.0	76.4

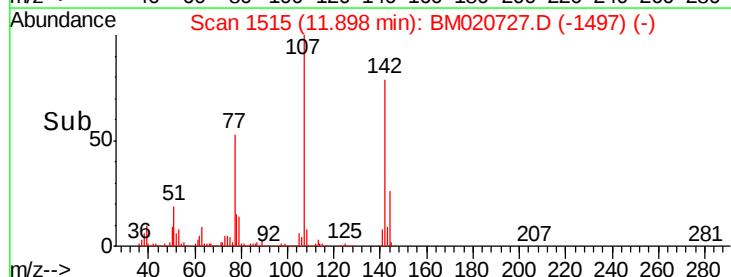
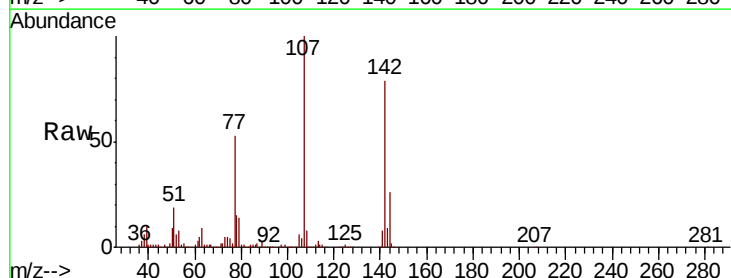
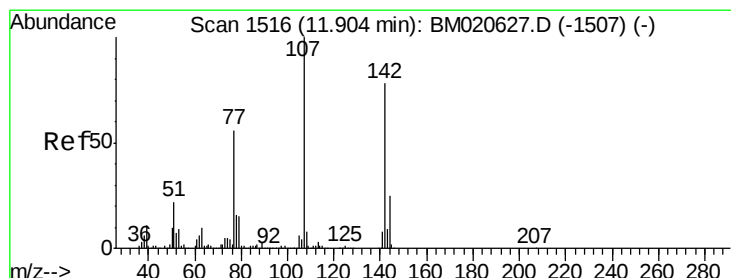
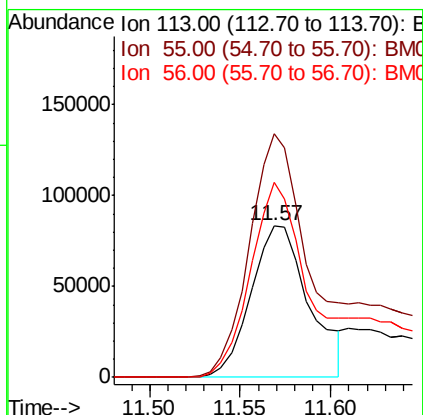




#35
Caprolactam
Concen: 26.117 ng
RT: 11.57 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

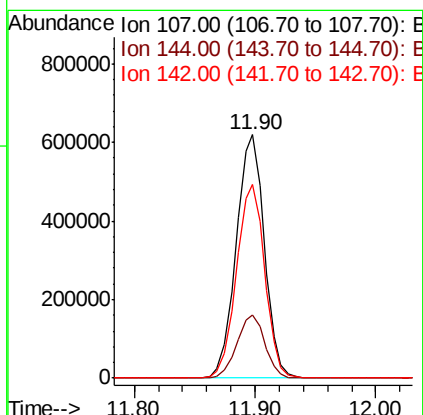
Instrument :
BNA_M
ClientSampleId :
PB120300BS

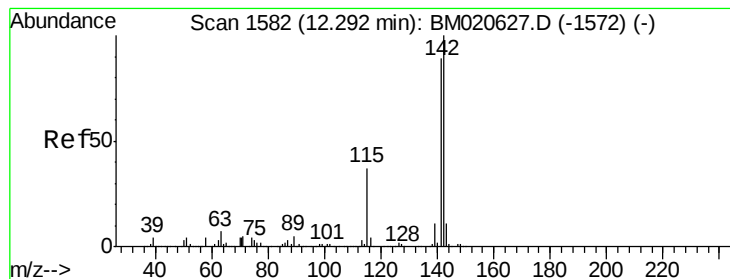
Tot Ion:113 Resp: 185709
Ion Ratio Lower Upper
113 100
55 160.1 141.1 181.1
56 128.3 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 42.415 ng
RT: 11.90 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:107 Resp: 1009369
Ion Ratio Lower Upper
107 100
144 26.2 20.6 31.0
142 79.3 63.3 94.9





#37

2-Methylnaphthalene

Concen: 43.468 ng

RT: 12.27 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

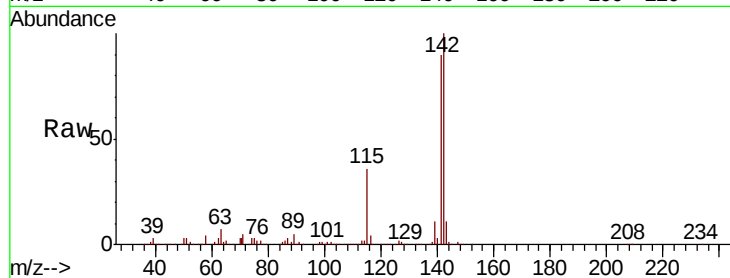
Tot Ion:142 Resp: 2227591

Ion Ratio Lower Upper

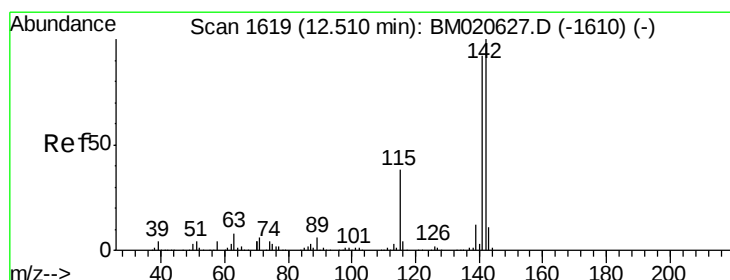
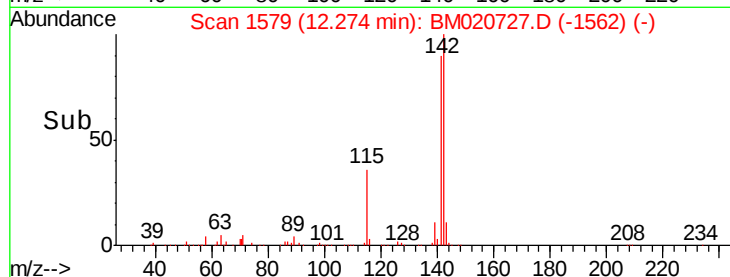
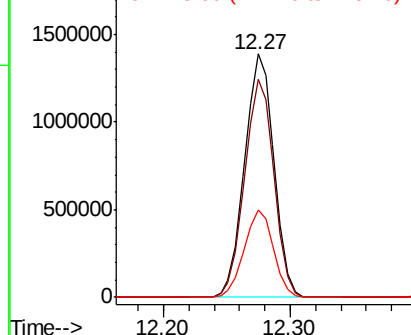
142 100

141 89.6 71.4 107.0

115 36.0 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.318 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

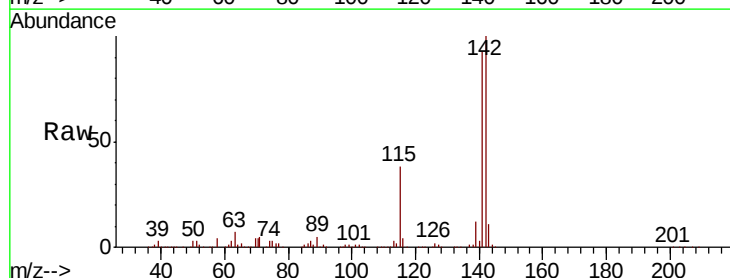
Tgt Ion:142 Resp: 2113734

Ion Ratio Lower Upper

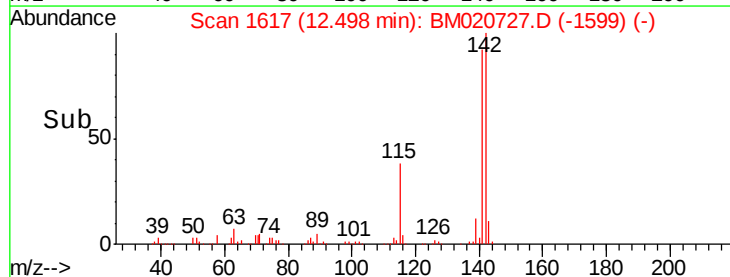
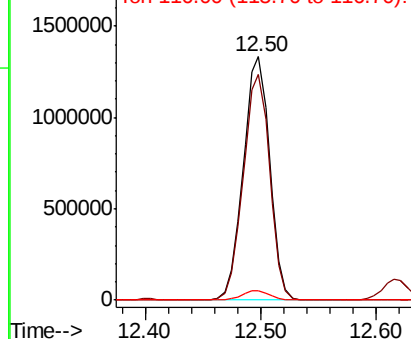
142 100

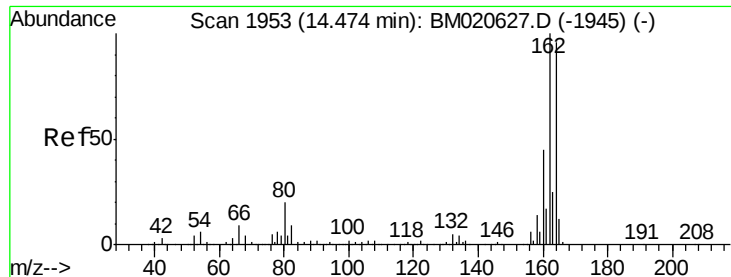
141 92.7 74.1 111.1

116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

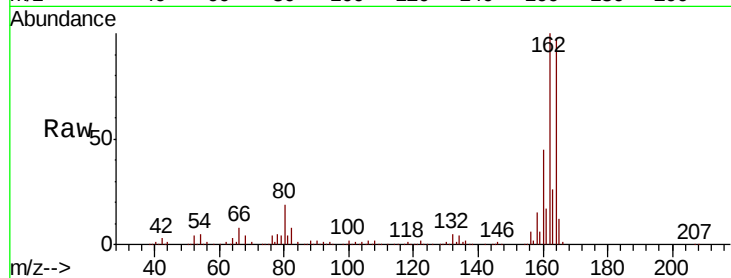
Tot Ion:164 Resp: 742417

Ion Ratio Lower Upper

164 100

162 103.3 83.5 125.3

160 46.0 37.2 55.8

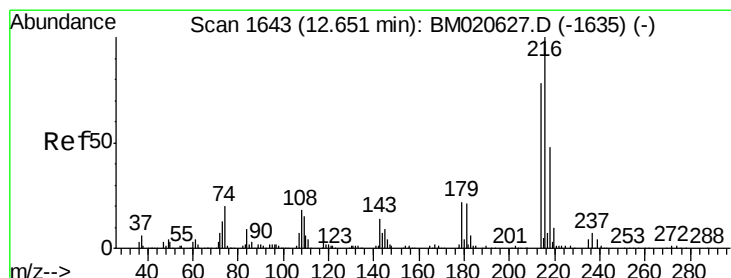
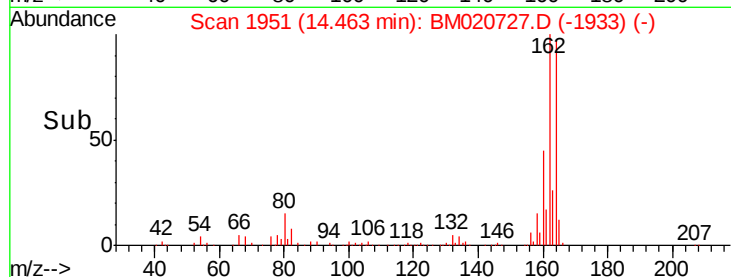
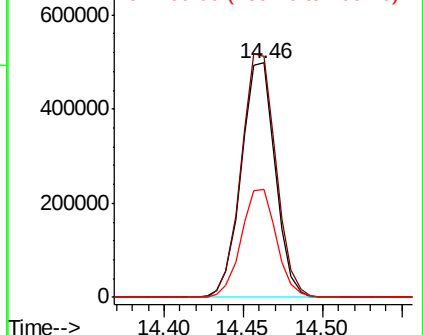


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.841 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:216 Resp: 1163947

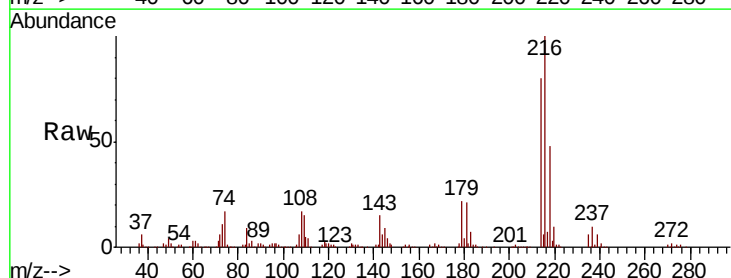
Ion Ratio Lower Upper

216 100

214 78.5 63.1 94.7

179 21.4 17.3 25.9

108 20.5 14.6 22.0



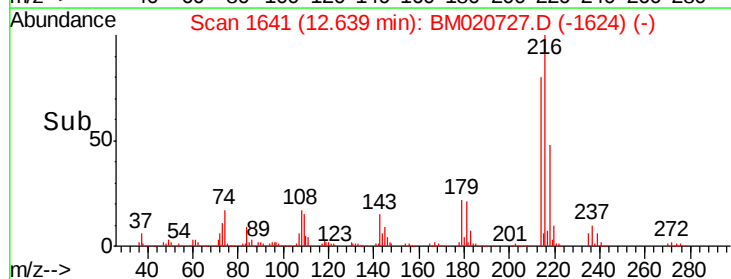
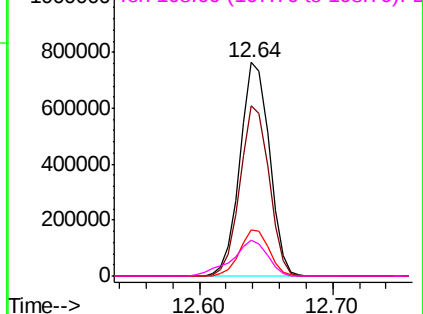
Abundance

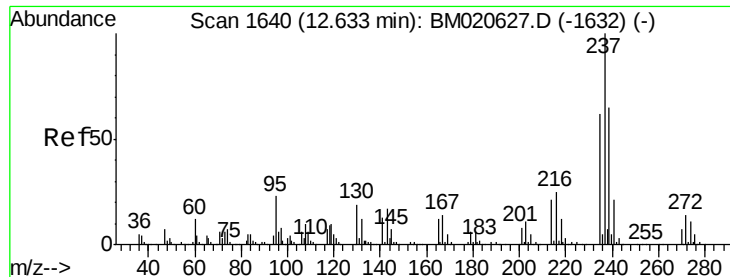
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.037 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

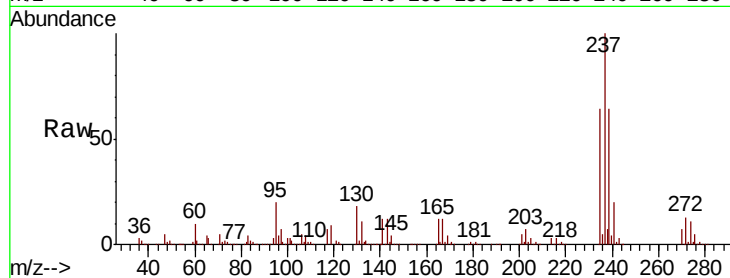
Tot Ion:237 Resp: 1484735

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

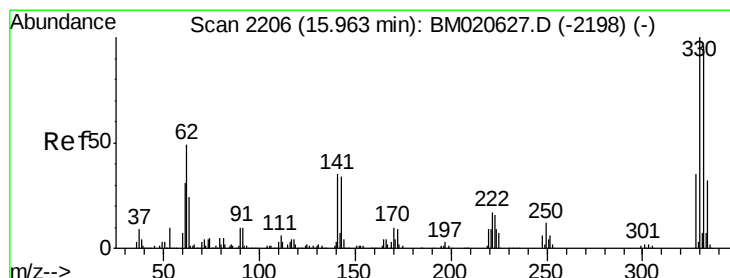
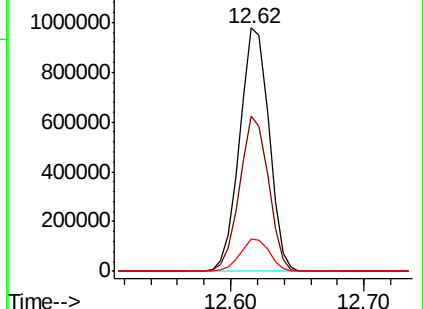
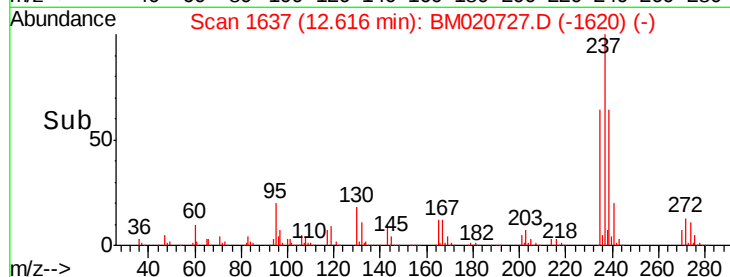
272 13.2 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.261 ng

RT: 15.95 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

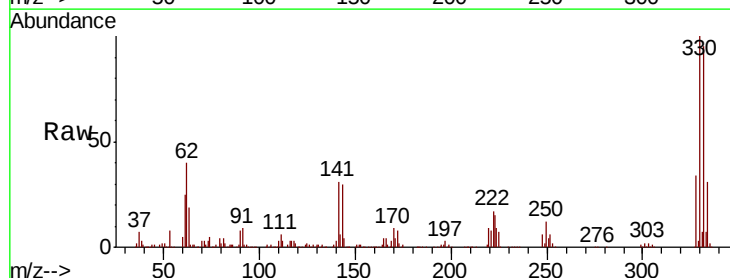
Tgt Ion:330 Resp: 1290188

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.4

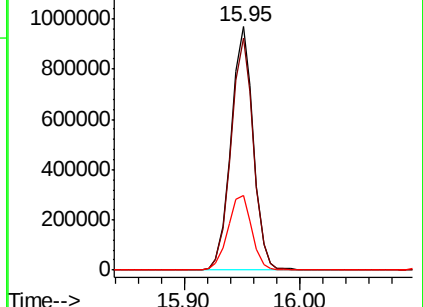
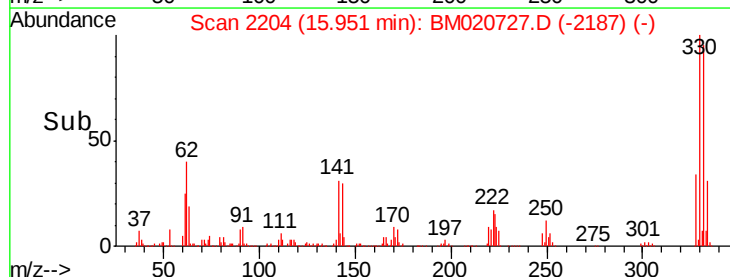
141 32.9 27.7 41.5

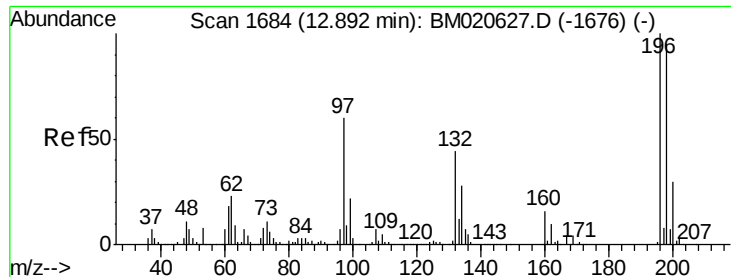


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

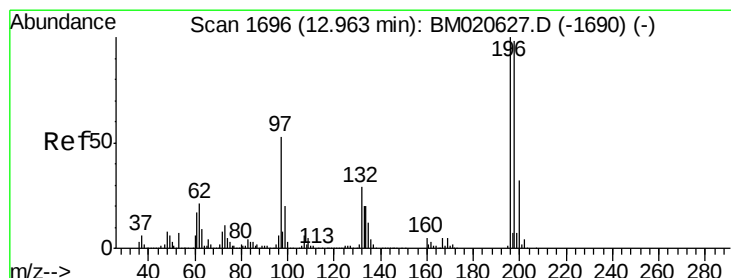
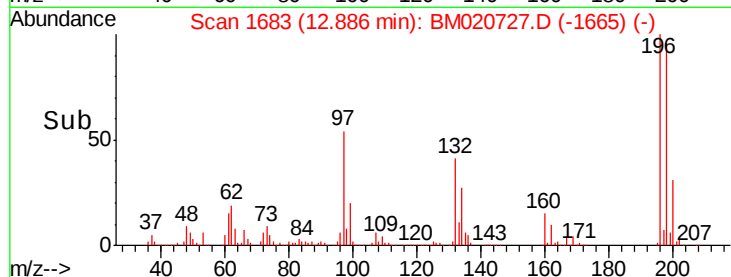
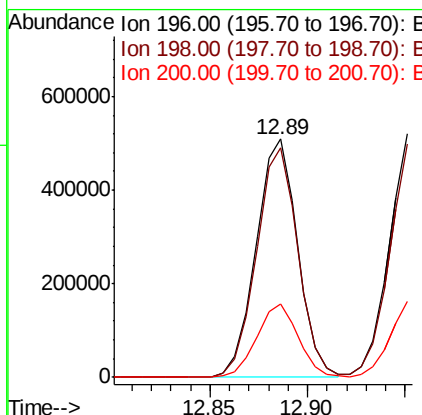
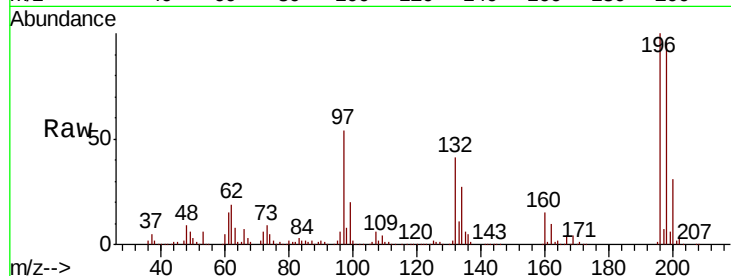




#43
 2,4,6-Trichlorophenol
 Concen: 47.705 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

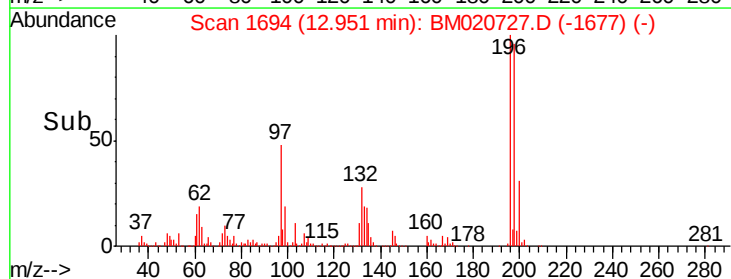
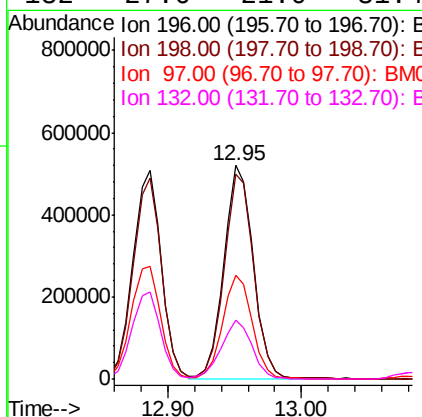
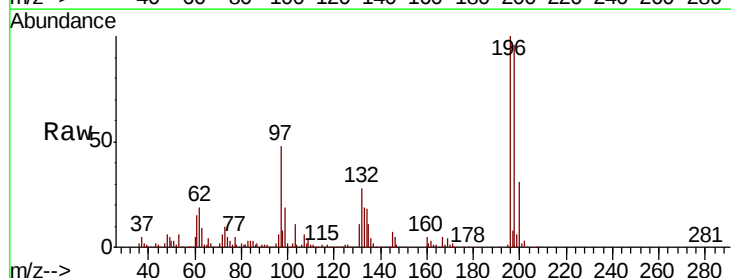
Instrument :
 BNA_M
 ClientSampleID :
 PB120300BS

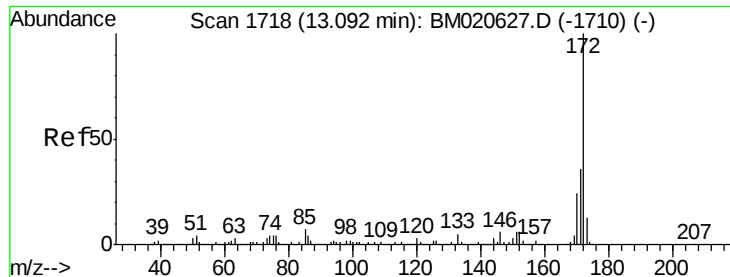
Tot Ion:196 Resp: 747085
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.4 114.6
 200 30.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.480 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion:196 Resp: 799982
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.0 114.0
 97 48.5 39.8 59.8
 132 27.6 21.0 31.4

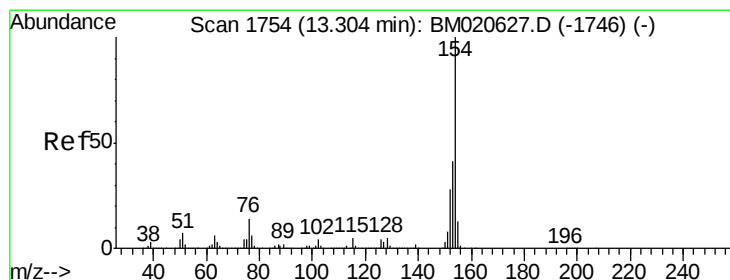
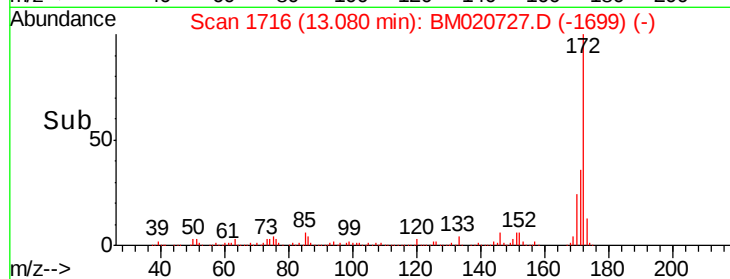
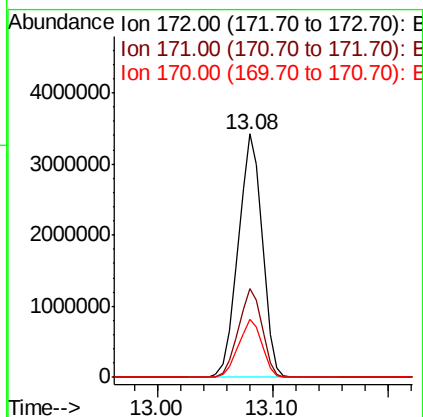
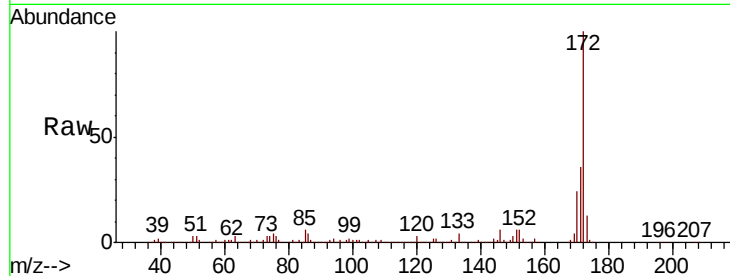




#45
2-Fluorobiphenyl
Concen: 88.140 ng
RT: 13.08 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

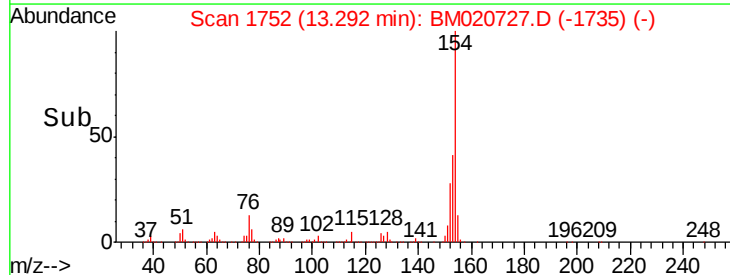
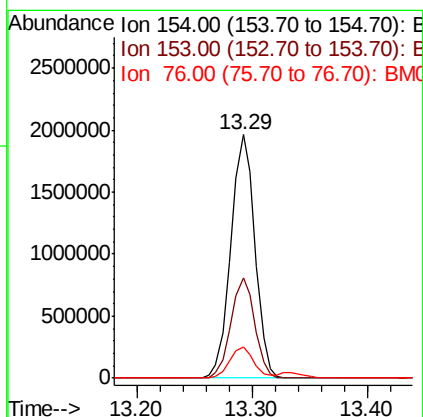
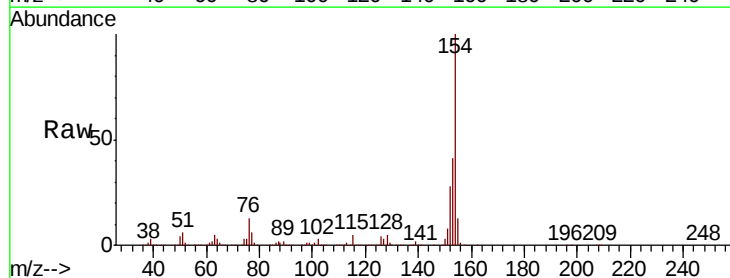
Instrument :
BNA_M
ClientSampleId :
PB120300BS

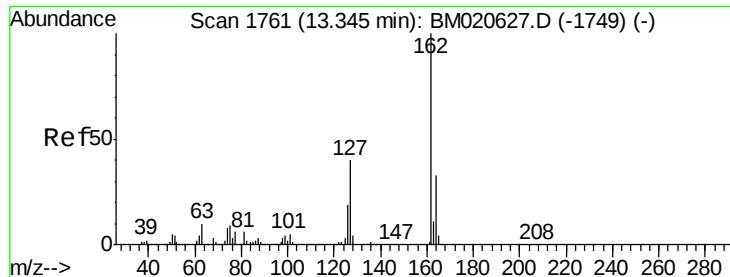
Tot Ion:172 Resp: 4922084
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.6 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.488 ng
RT: 13.29 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:154 Resp: 2820436
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.6 0.0 32.5

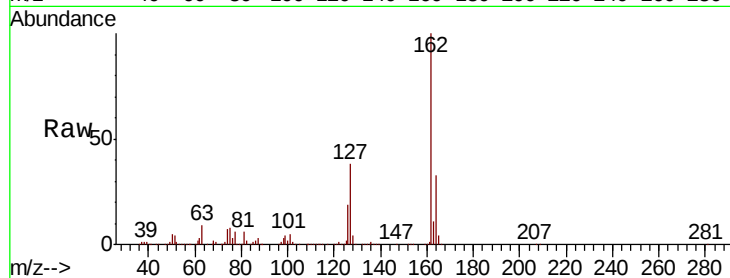




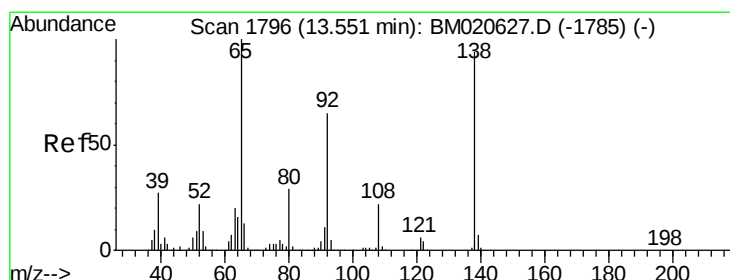
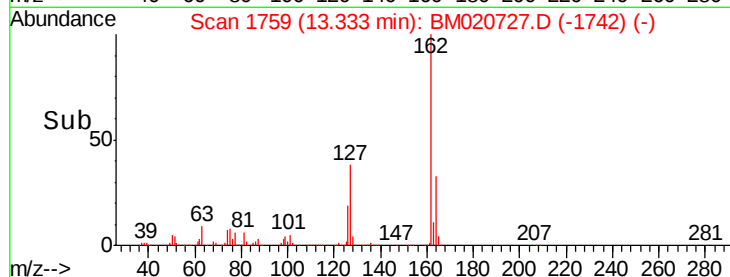
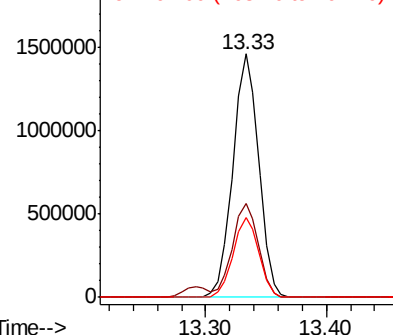
#47
2-Chloronaphthalene
Concen: 43.601 ng
RT: 13.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:162 Resp: 2181947
Ion Ratio Lower Upper
162 100
127 38.3 31.1 46.7
164 32.6 26.1 39.1

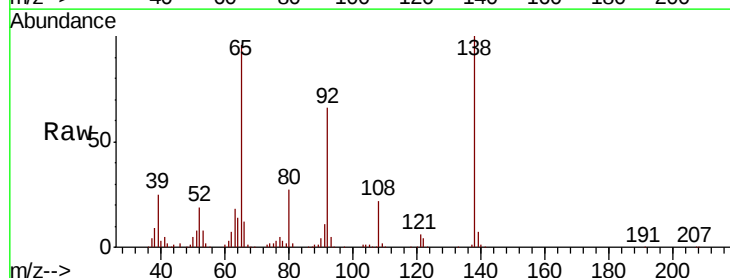


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

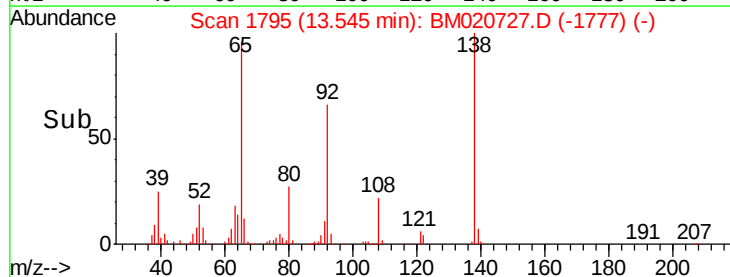
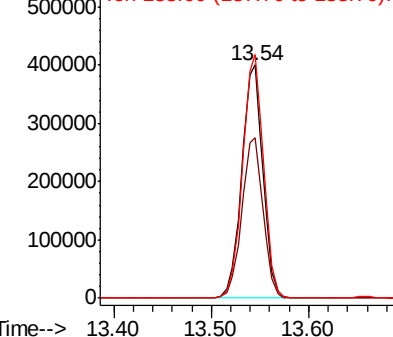


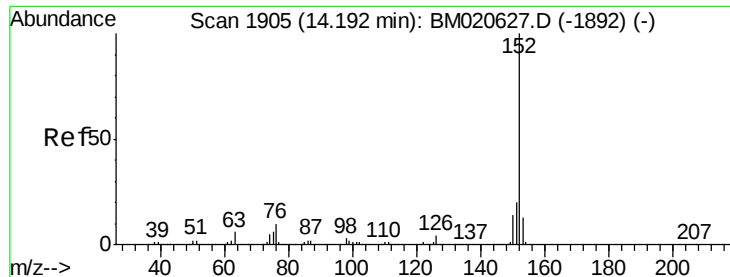
#48
2-Nitroaniline
Concen: 39.015 ng
RT: 13.54 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion: 65 Resp: 612801
Ion Ratio Lower Upper
65 100
92 68.8 55.2 82.8
138 104.4 82.6 124.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.023 ng

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

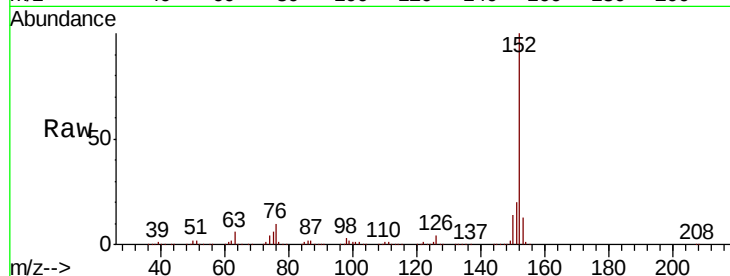
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:152 Resp: 3437453

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	15.8

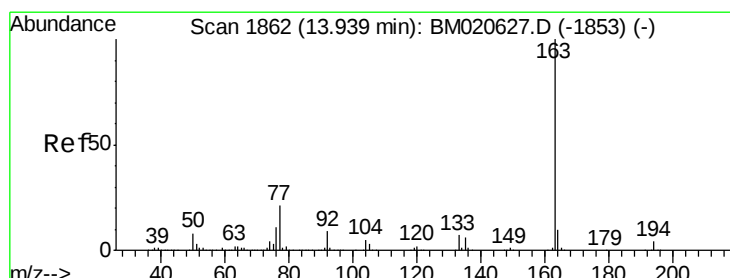
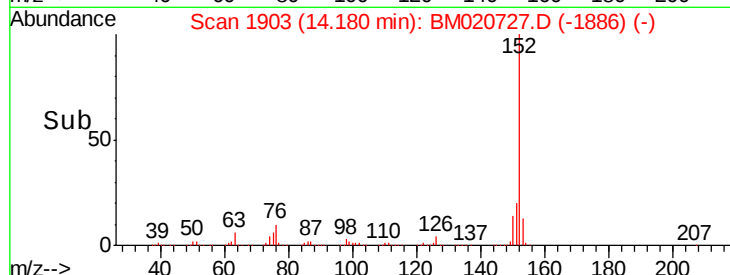
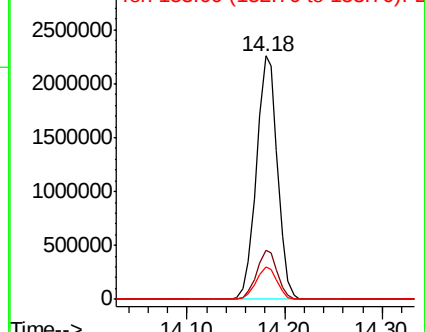


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.631 ng

RT: 13.92 min Scan# 1859

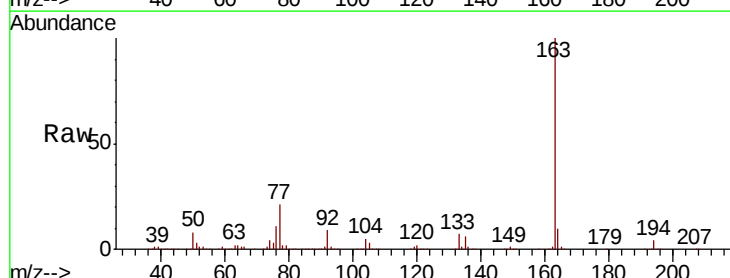
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:163 Resp: 2640620

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	8.2	12.4

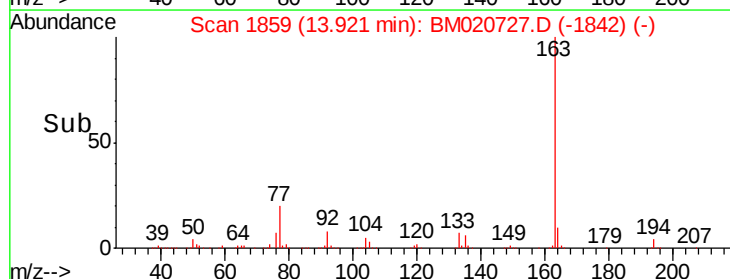
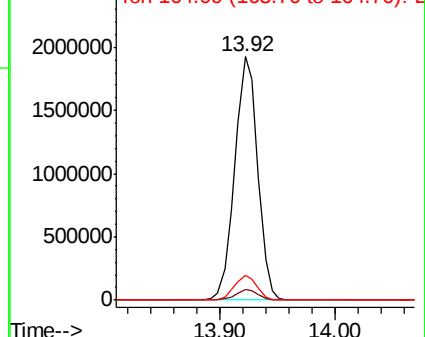


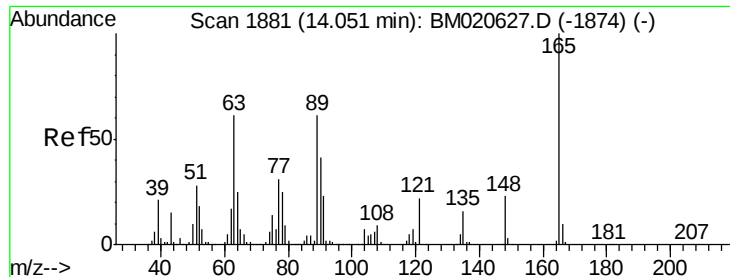
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.038 ng

RT: 14.04 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

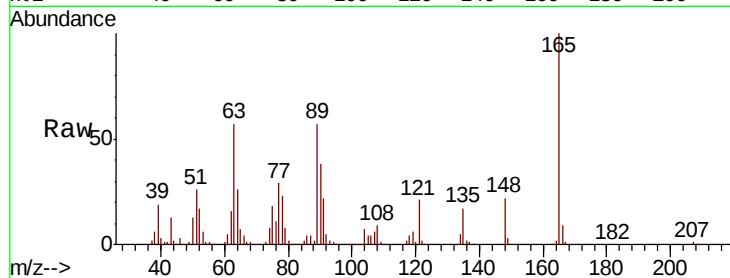
Tot Ion:165 Resp: 567170

Ion Ratio Lower Upper

165 100

63 57.4 45.0 67.6

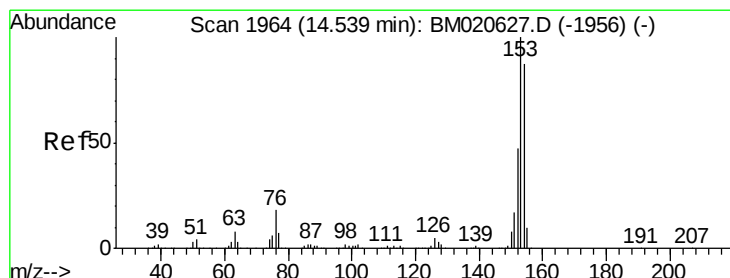
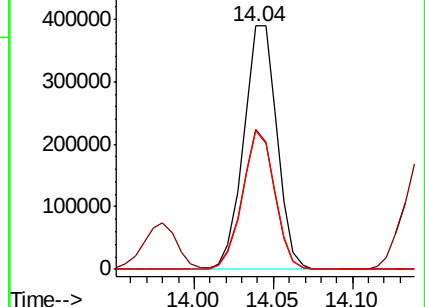
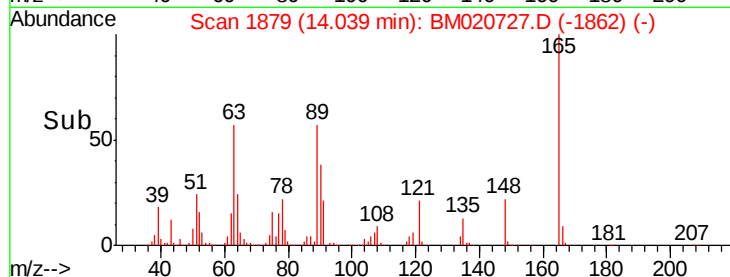
89 57.0 43.5 65.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 42.891 ng

RT: 14.53 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

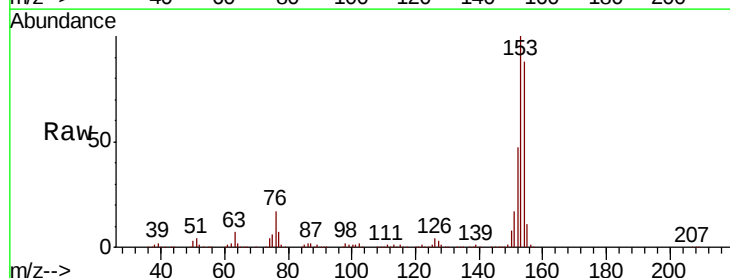
Tgt Ion:154 Resp: 1995797

Ion Ratio Lower Upper

154 100

153 113.7 90.6 135.8

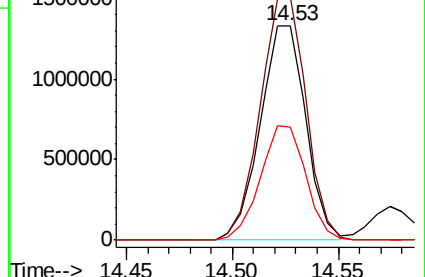
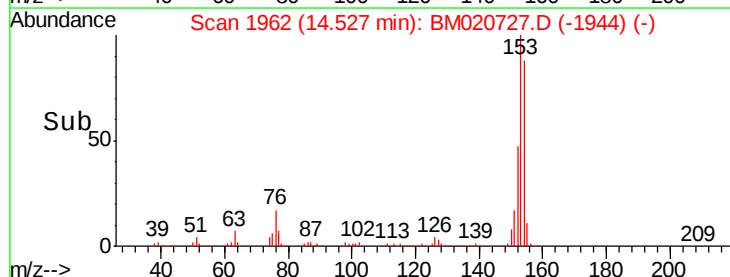
152 53.0 42.6 63.8

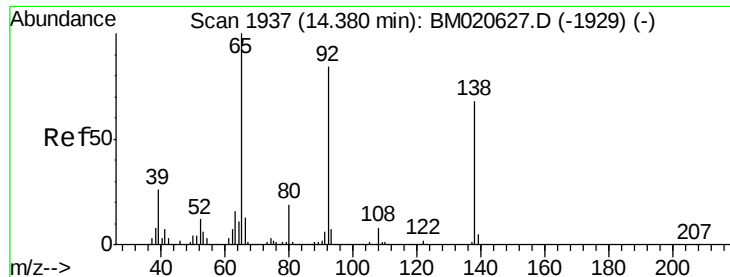


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.183 ng

RT: 14.37 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

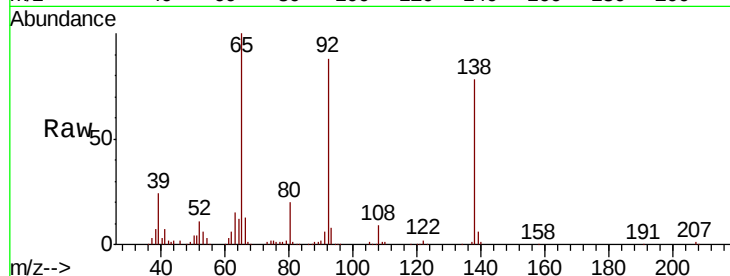
Tot Ion:138 Resp: 333268

Ion Ratio Lower Upper

138 100

108 11.6 8.9 13.3

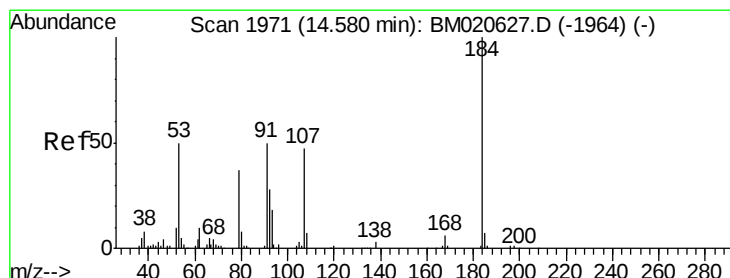
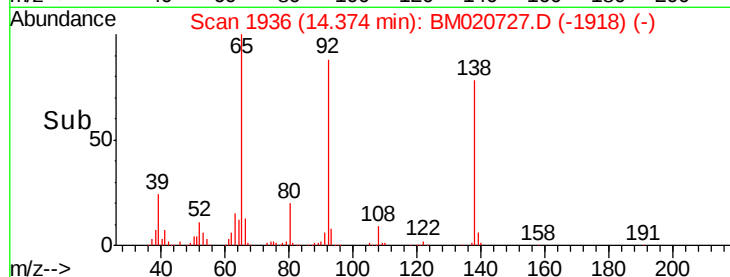
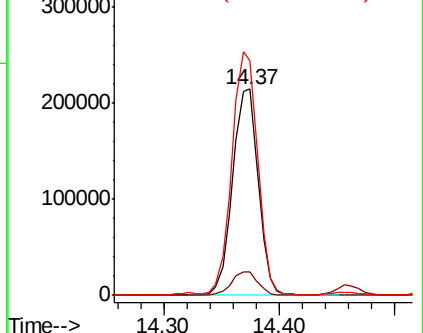
92 113.8 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 79.066 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

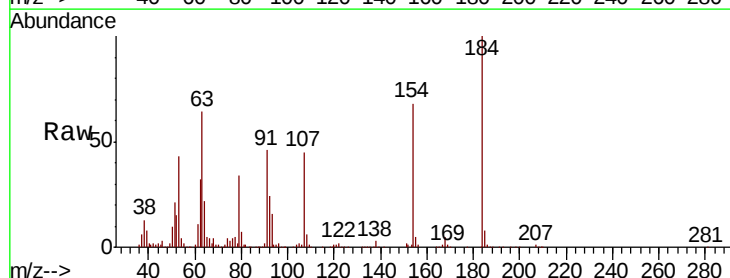
Tgt Ion:184 Resp: 437564

Ion Ratio Lower Upper

184 100

63 64.4 49.8 74.8

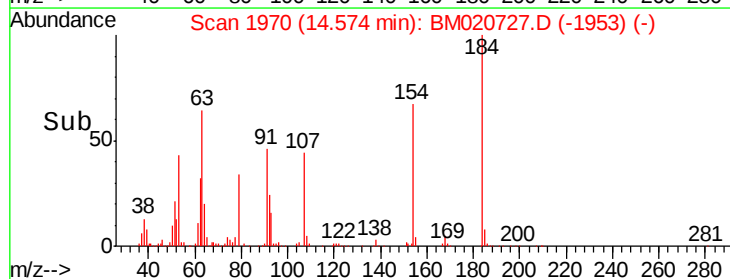
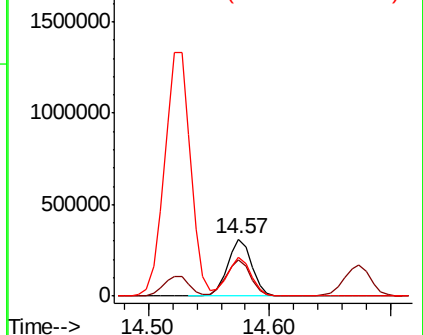
154 67.7 55.4 83.2

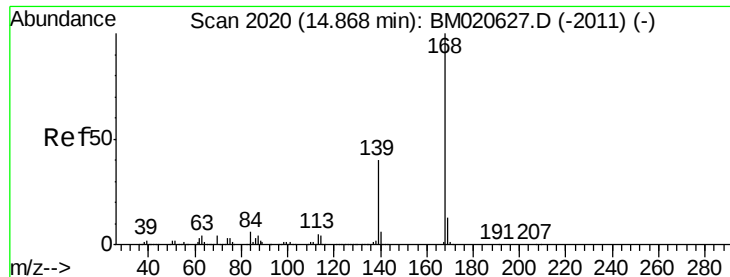


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.331 ng

RT: 14.86 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampled :

PB120300BS

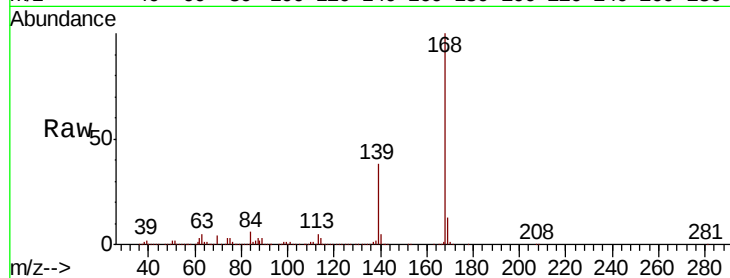
Tot Ion:168 Resp: 3131557

Ion Ratio Lower Upper

168 100

139 37.7 31.1 46.7

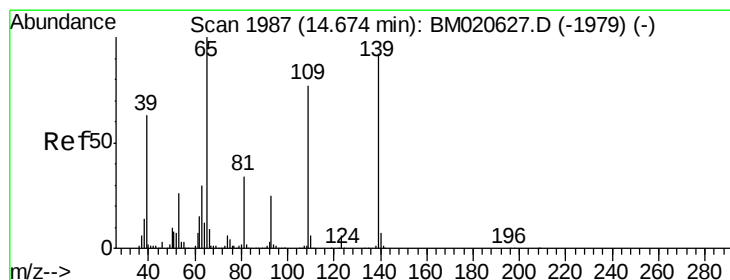
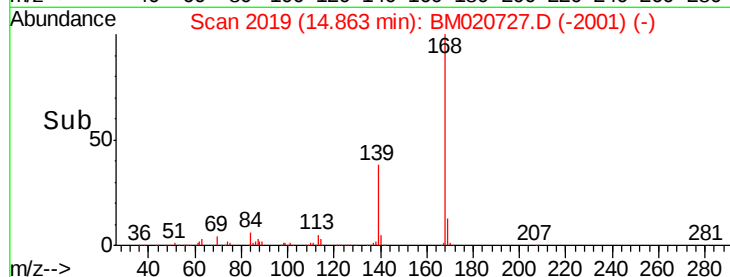
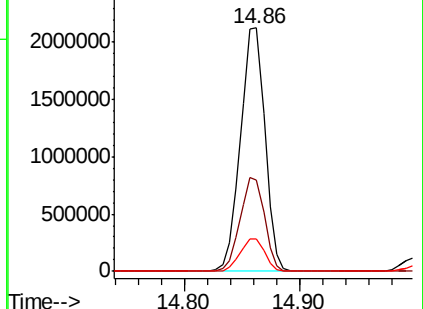
169 13.3 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.820 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

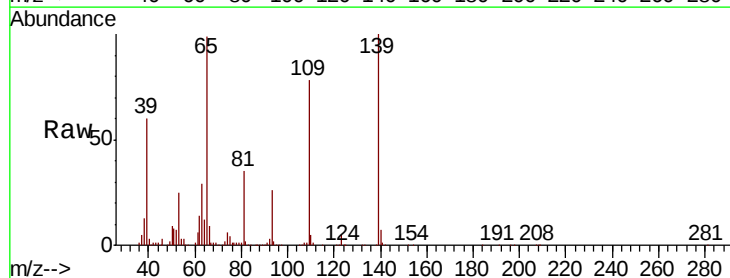
Tgt Ion:139 Resp: 856152

Ion Ratio Lower Upper

139 100

109 77.6 58.0 98.0

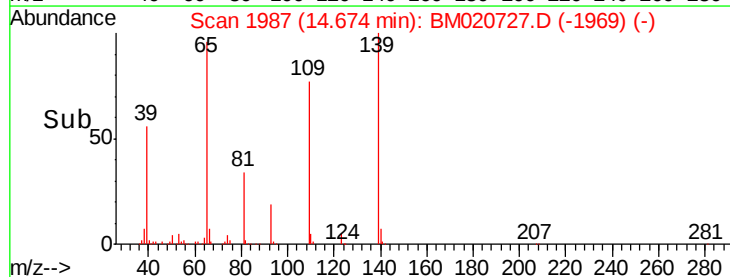
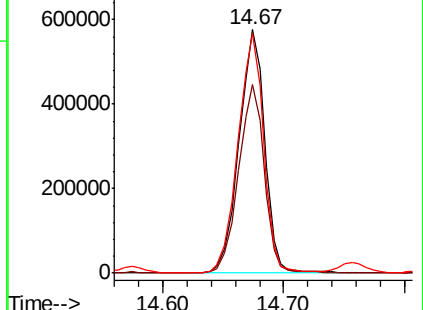
65 98.7 78.3 118.3

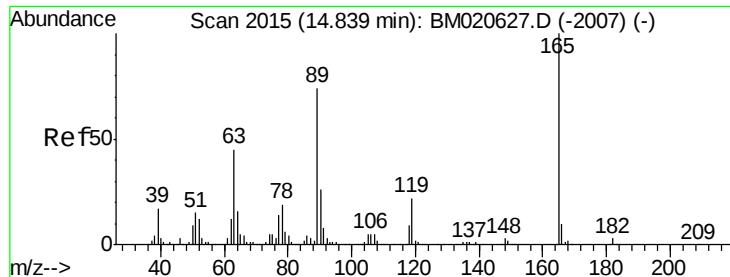


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

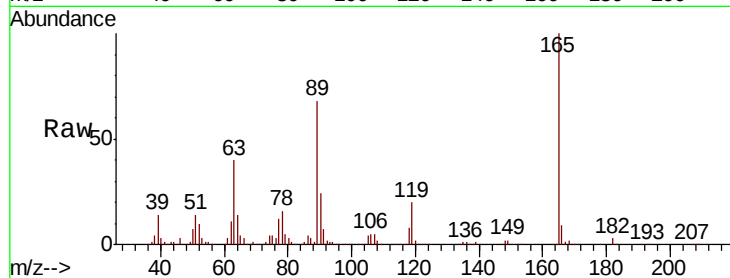




#57
2,4-Dinitrotoluene
Concen: 42.780 ng
RT: 14.83 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.8	49.2
89	68.2	55.9	83.9
182	3.1	2.4	3.6



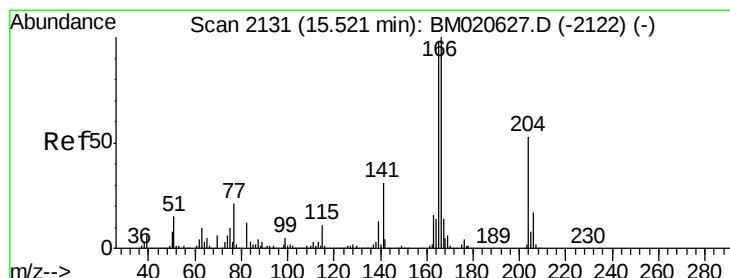
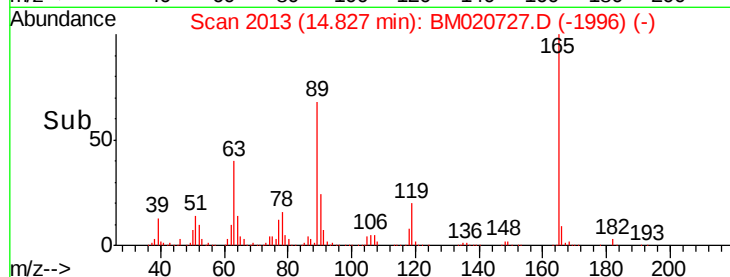
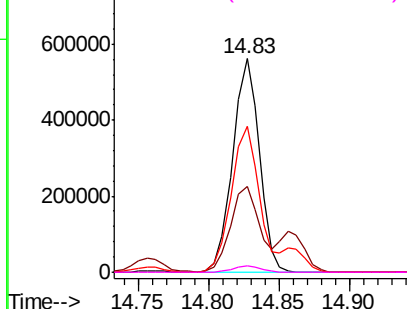
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

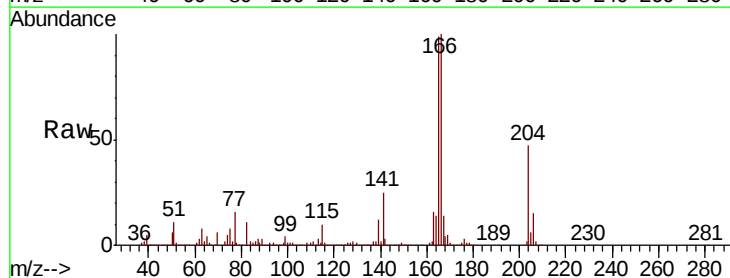
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.938 ng
RT: 15.51 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.2
167	13.5	10.8	16.2

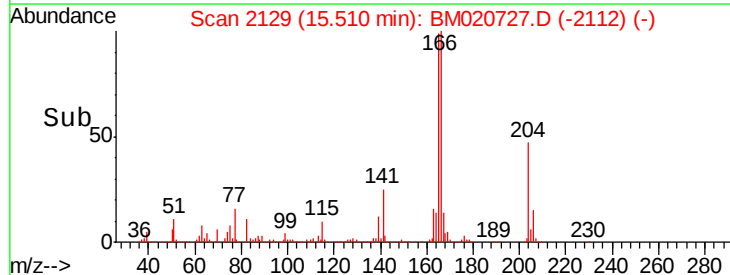
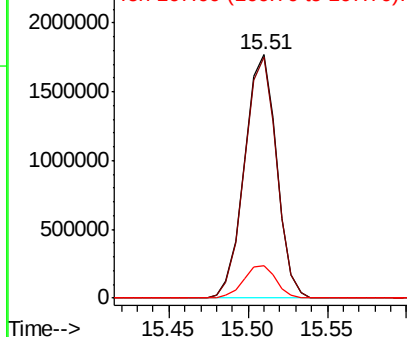


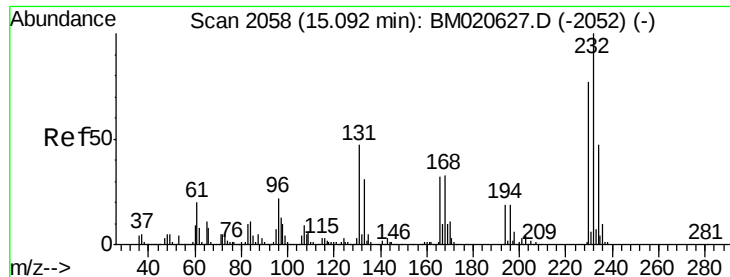
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

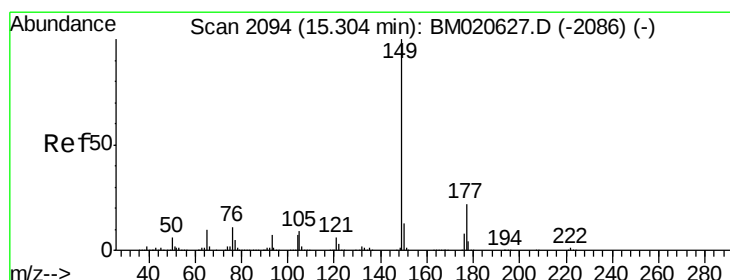
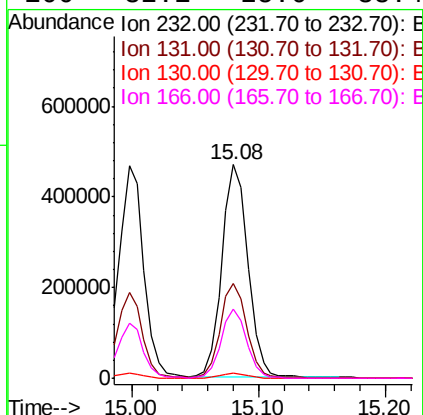
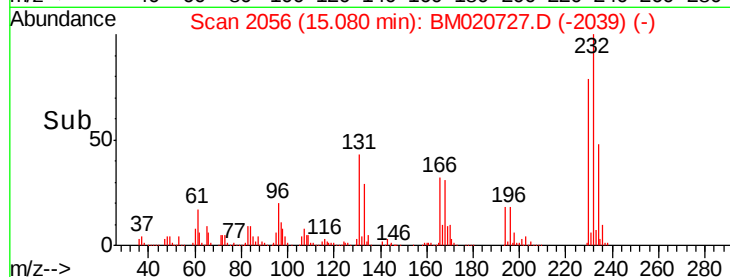
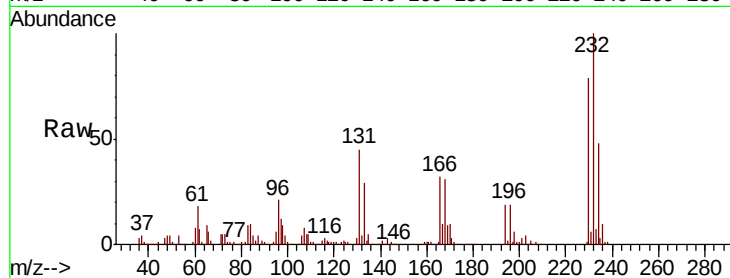




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.439 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

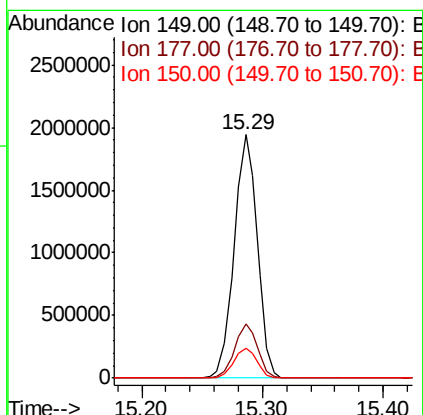
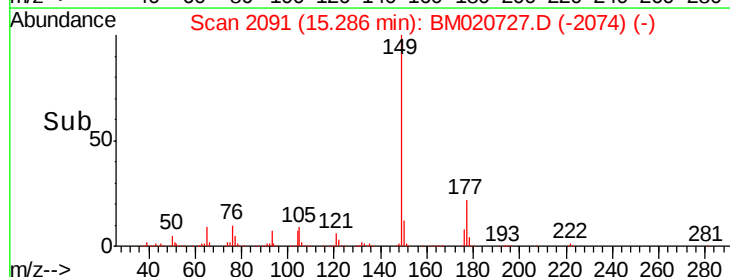
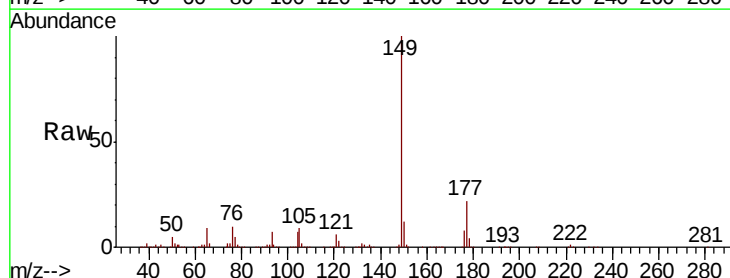
Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

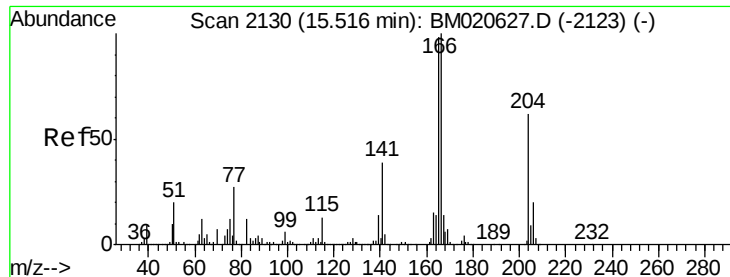
Tot Ion:232	Resp: 668336
Ion Ratio	Lower Upper
232 100	
131 45.0	36.9 55.3
130 2.5	2.0 3.0
166 32.1	25.6 38.4



#60
 Diethylphthalate
 Concen: 39.616 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion	149	Resp: Lower	2591568 Upper
	Ratio		
149	100		
177	22.1	17.4	26.2
150	12.5	10.0	15.0

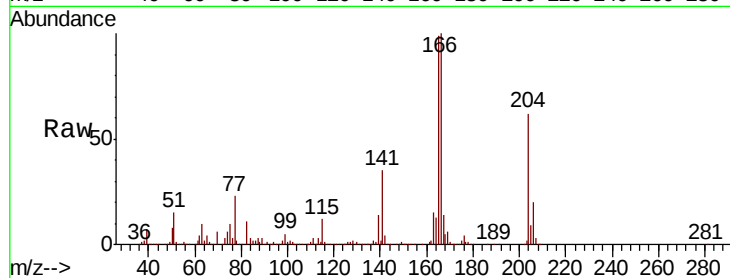




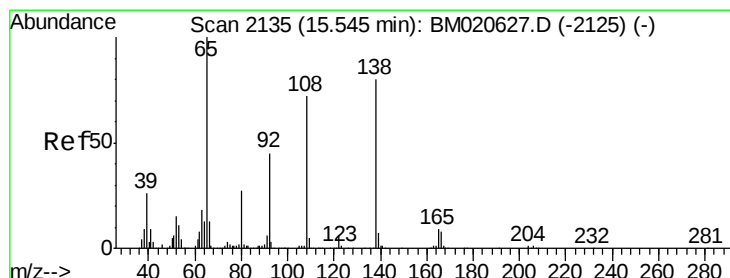
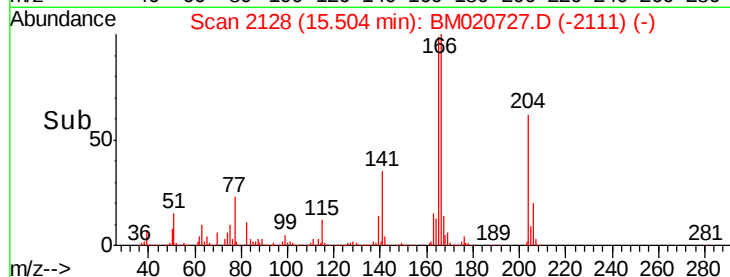
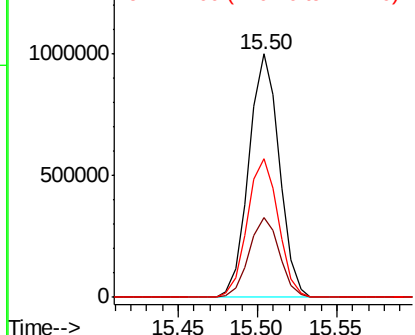
#61
4-Chlorophenyl-phenylether
Concen: 42.263 ng
RT: 15.50 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:204 Resp: 1329934
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 57.0 46.7 70.1

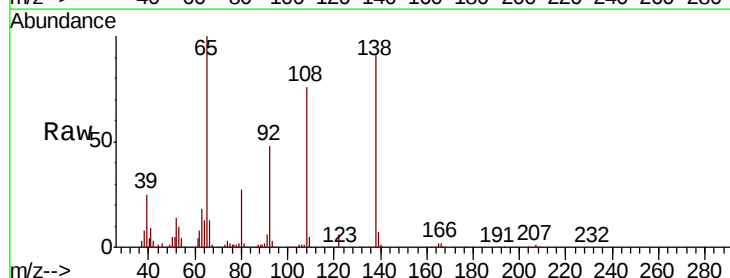


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

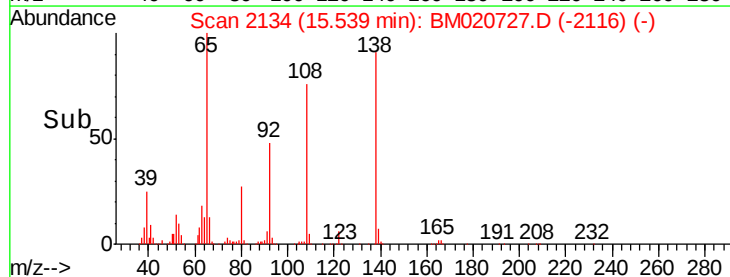
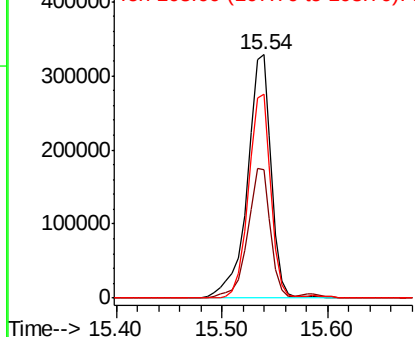


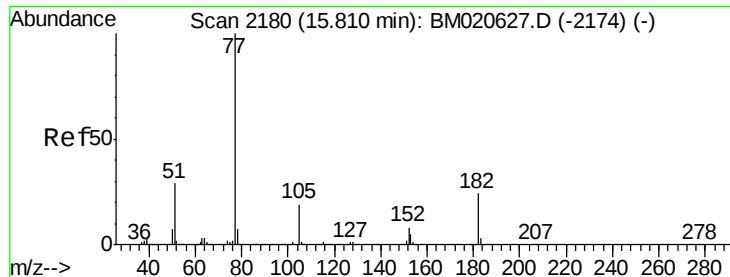
#62
4-Nitroaniline
Concen: 33.926 ng
RT: 15.54 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:138 Resp: 517227
Ion Ratio Lower Upper
138 100
92 52.7 33.2 73.2
108 83.7 64.1 104.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.312 ng

RT: 15.80 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

Tot Ion: 77 Resp: 2402759

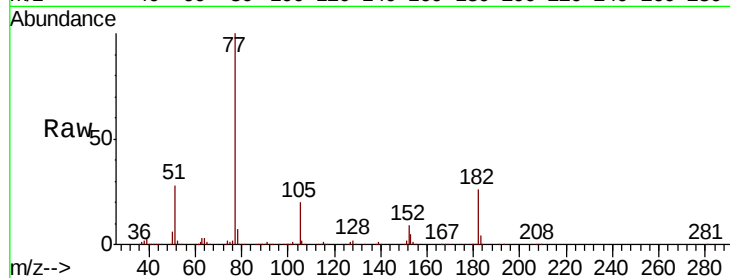
Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.3	46.3
105	20.1	0.4	40.4
51	27.8	8.3	48.3

77 100

182 26.4 6.3 46.3

105 20.1 0.4 40.4

51 27.8 8.3 48.3



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

2500000

2000000

1500000

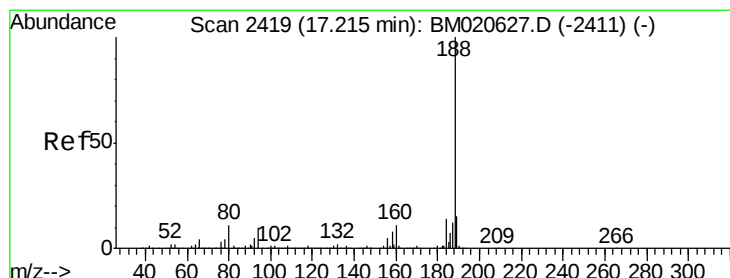
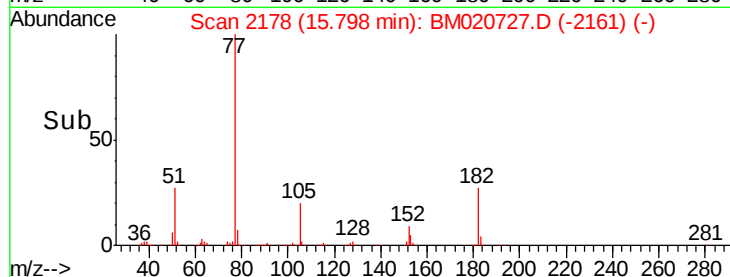
1000000

500000

0

15.70 15.75 15.80 15.85

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

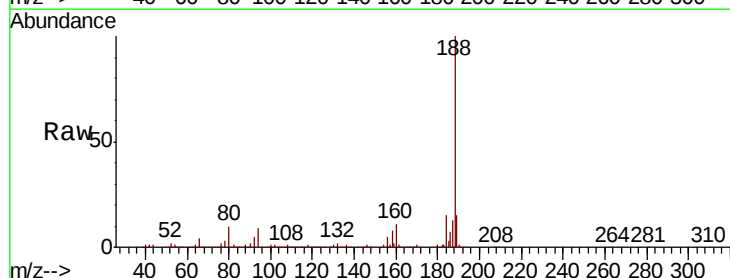
Tgt Ion: 188 Resp: 1443676

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.9	7.8	11.8

188 100

94 8.6 7.0 10.4

80 9.9 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

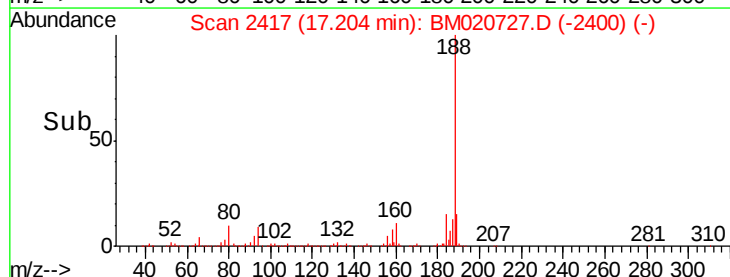
1000000

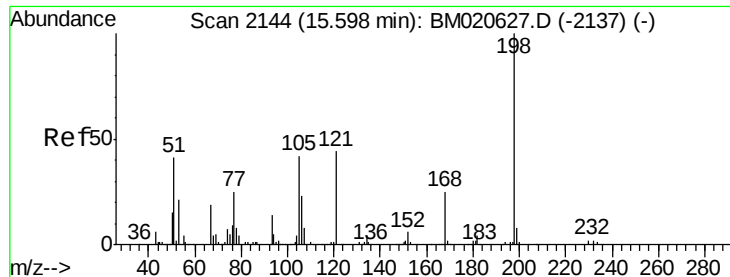
500000

0

17.20 17.30

Time-->

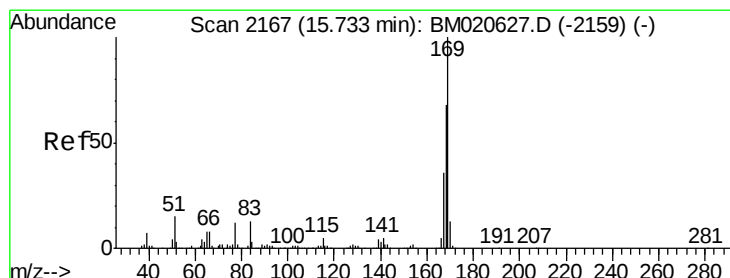
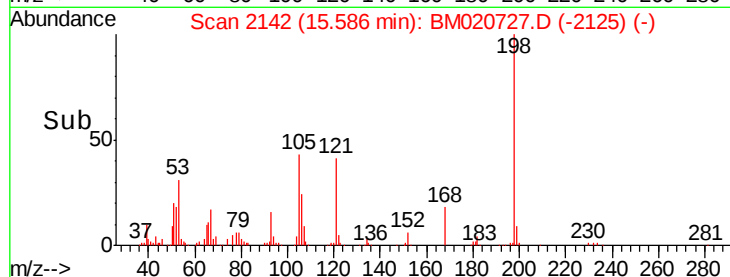
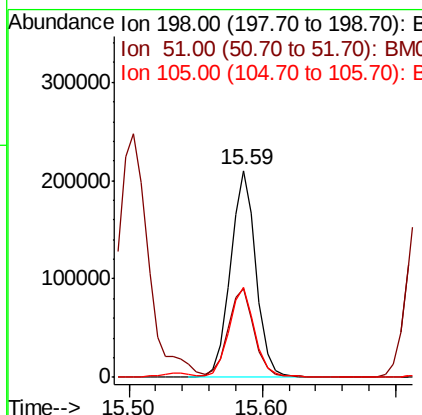
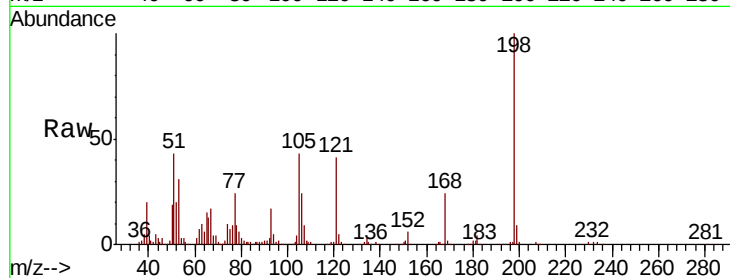




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.774 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

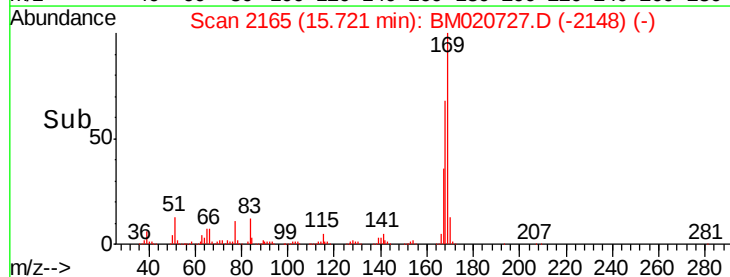
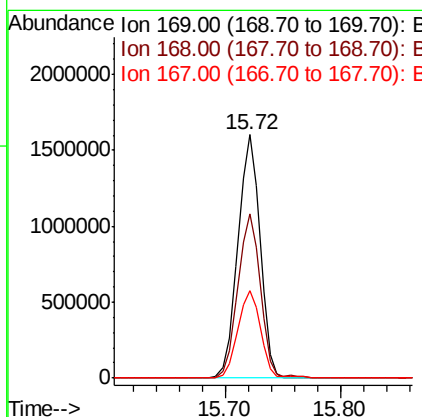
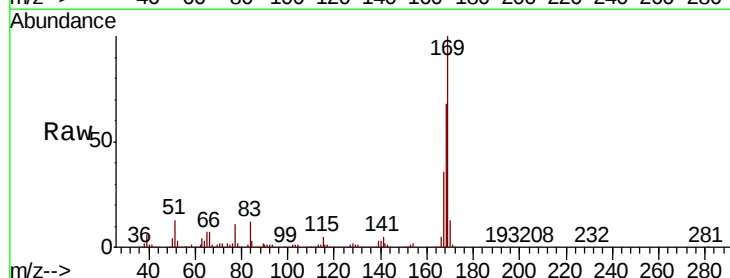
Instrument :
 BNA_M
 ClientSampleId :
 PB120300BS

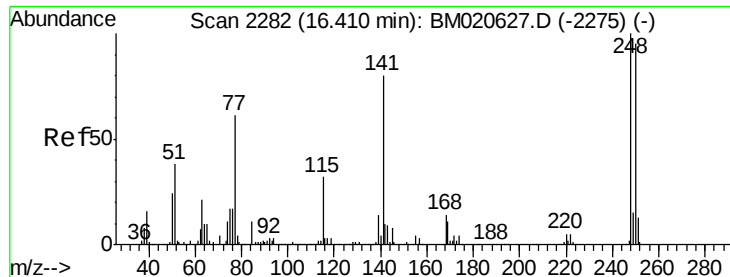
Tot Ion:198 Resp: 281302
 Ion Ratio Lower Upper
 198 100
 51 42.8 21.6 61.6
 105 43.3 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 46.216 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM020727.D
 Acq: 05 Jun 2019 09:25

Tgt Ion:169 Resp: 2135909
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.7 82.1
 167 35.8 29.3 43.9

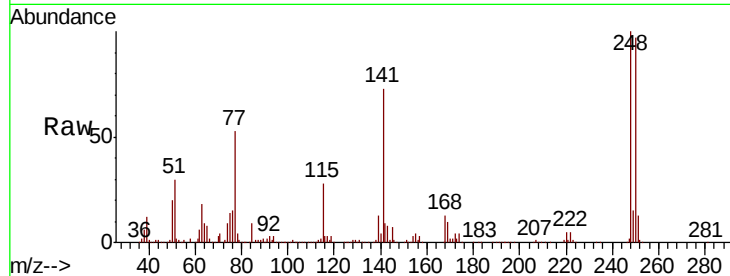




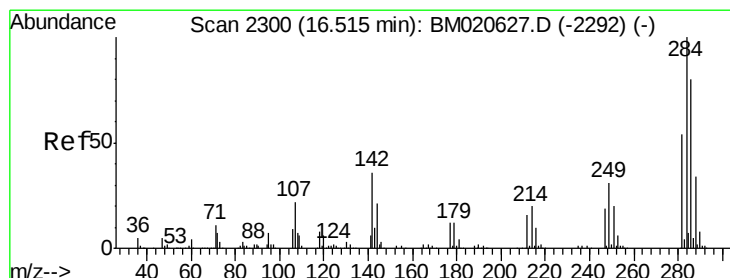
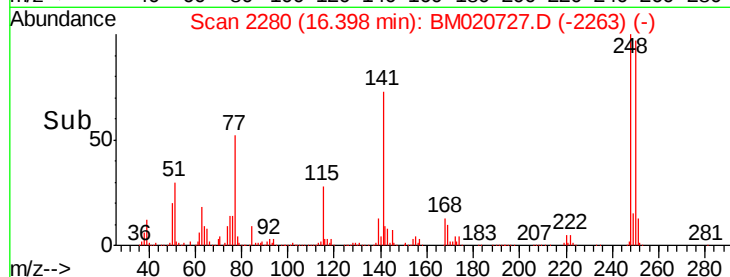
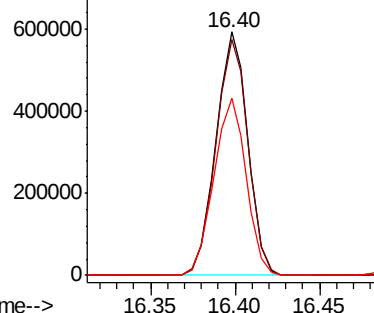
#67
4-Bromophenyl-phenylether
Concen: 45.872 ng
RT: 16.40 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:248 Resp: 779715
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 72.7 58.2 87.2

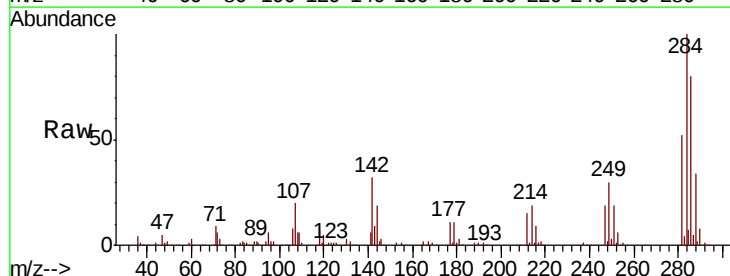


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

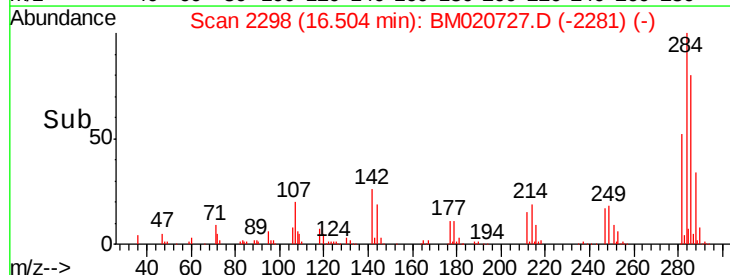
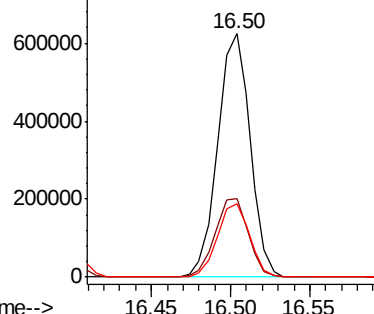


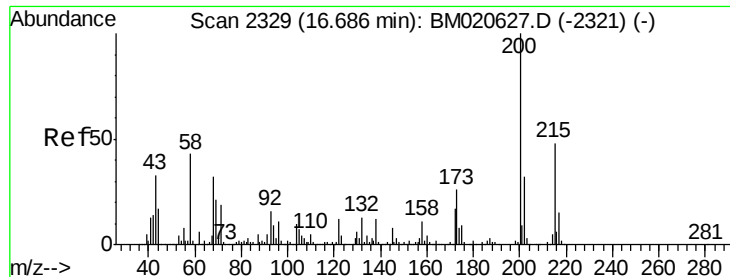
#68
Hexachlorobenzene
Concen: 44.560 ng
RT: 16.50 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:284 Resp: 884456
Ion Ratio Lower Upper
284 100
142 32.5 25.4 38.0
249 30.2 24.9 37.3



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





#69

Atrazine

Concen: 49.700 ng

RT: 16.67 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

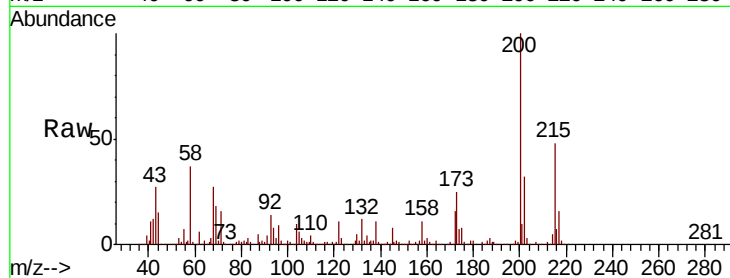
Tot Ion:200 Resp: 685523

Ion Ratio Lower Upper

200 100

173 25.1 5.7 45.7

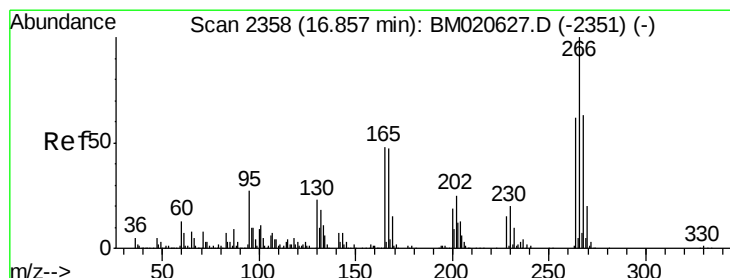
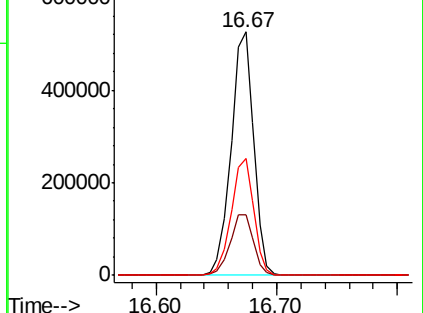
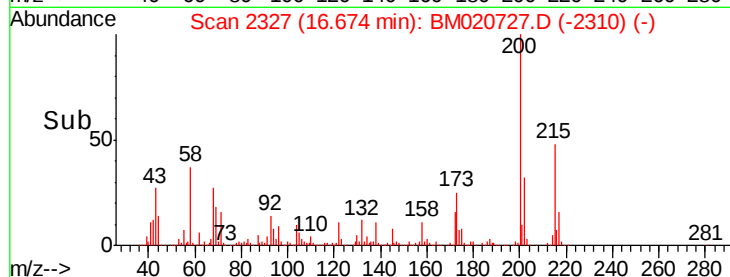
215 48.0 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.909 ng

RT: 16.85 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

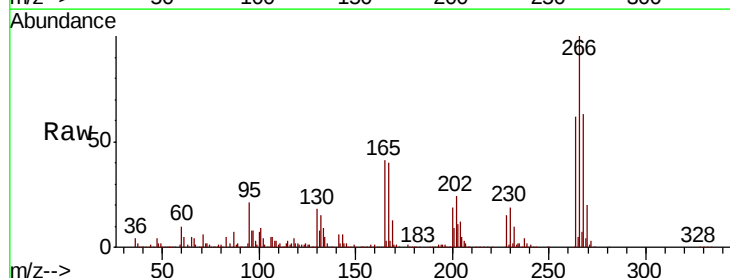
Tgt Ion:266 Resp: 983915

Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

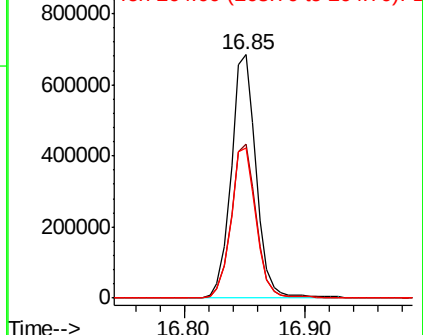
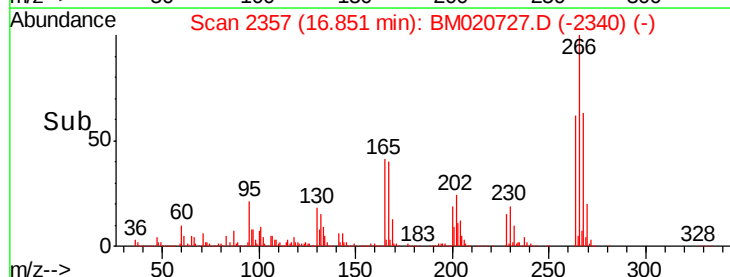
264 61.7 49.9 74.9

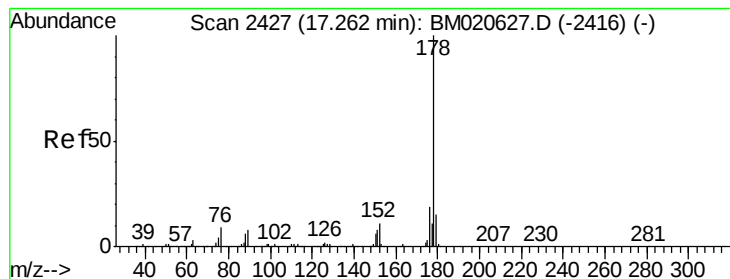


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.085 ng

RT: 17.24 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

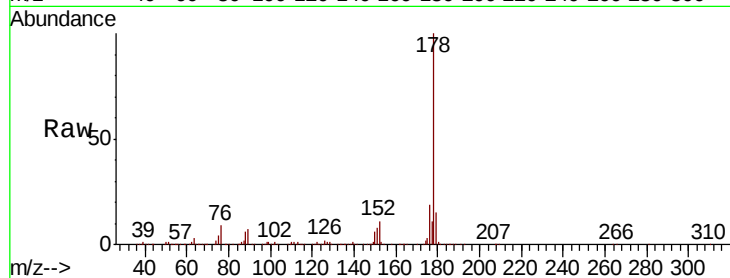
Tot Ion:178 Resp: 3525786

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

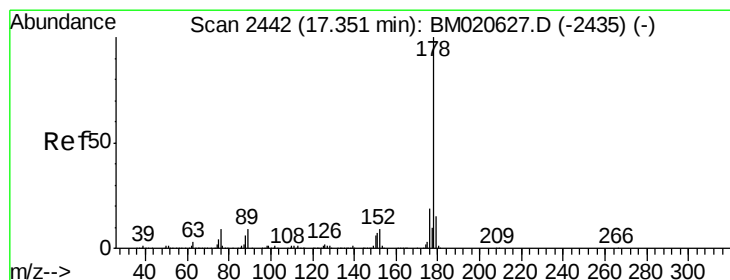
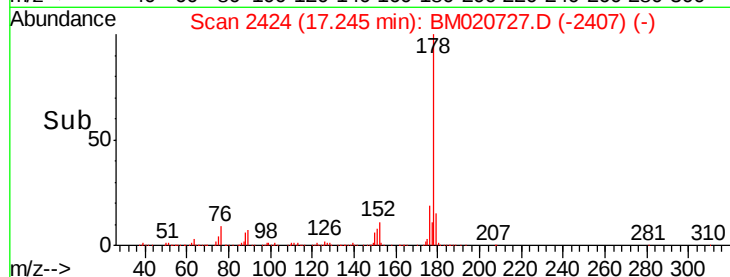
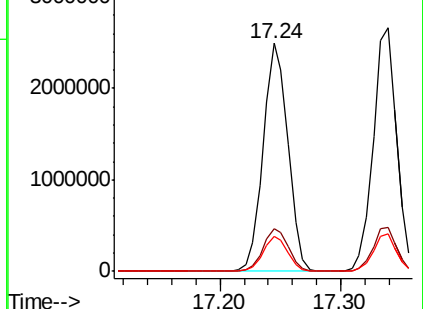
179 15.2 12.3 18.5



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



#72

Anthracene

Concen: 43.891 ng

RT: 17.34 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

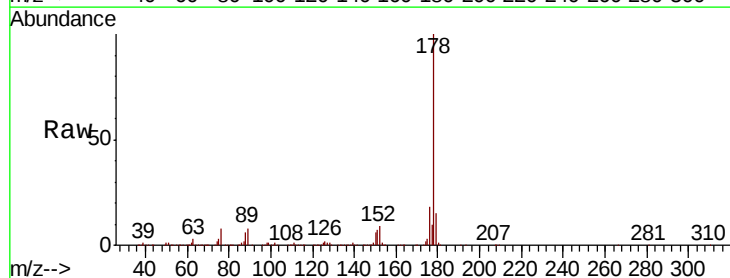
Tgt Ion:178 Resp: 3594810

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

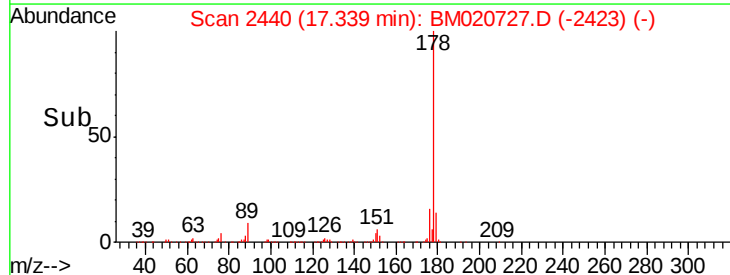
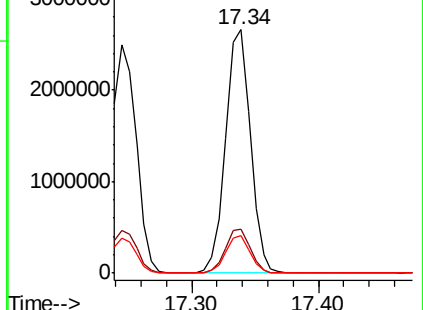
179 15.2 11.9 17.9

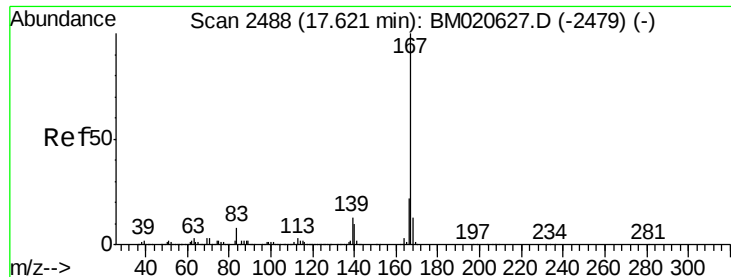


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.963 ng

RT: 17.61 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

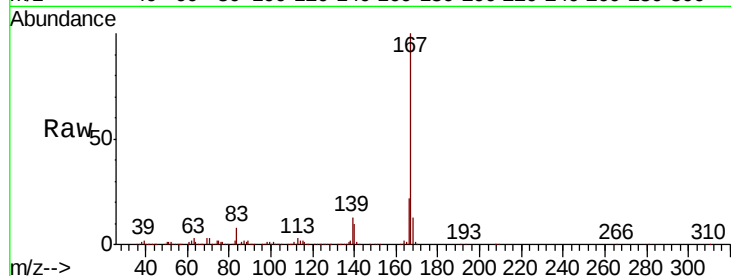
Tot Ion:167 Resp: 3044599

Ion Ratio Lower Upper

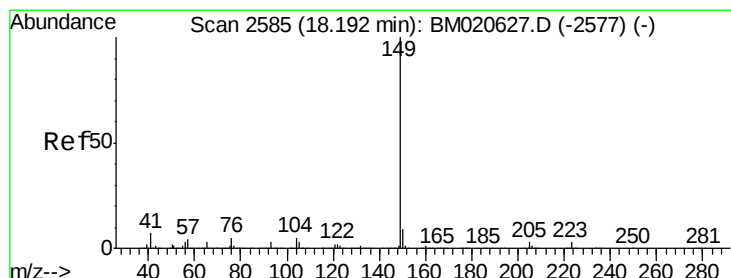
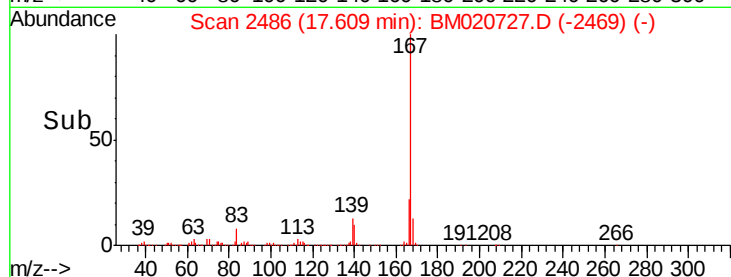
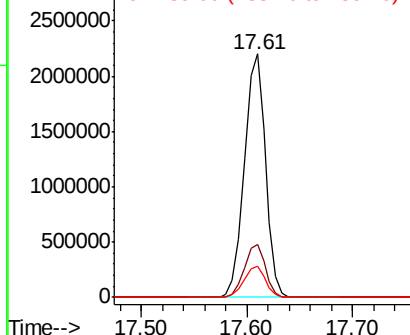
167 100

166 21.6 17.2 25.8

139 12.8 10.2 15.4



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



#74

Di-n-butylphthalate

Concen: 40.371 ng

RT: 18.17 min Scan# 2581

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

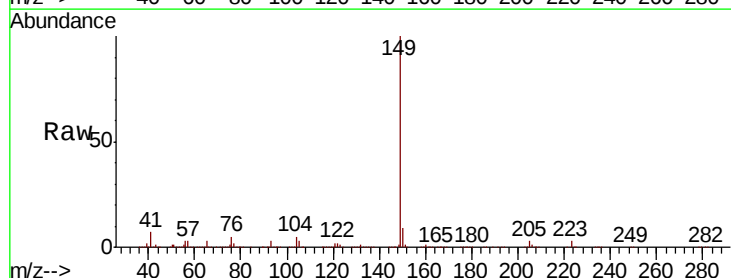
Tgt Ion:149 Resp: 3895096

Ion Ratio Lower Upper

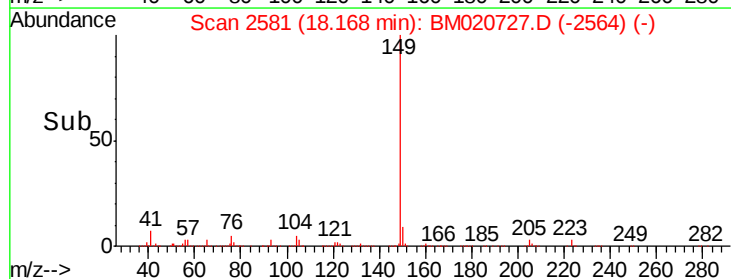
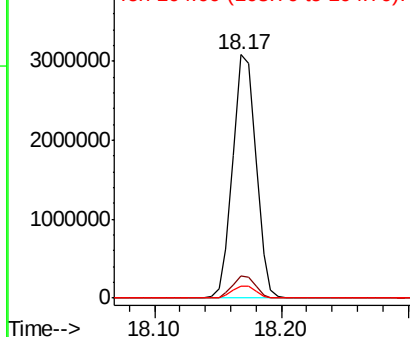
149 100

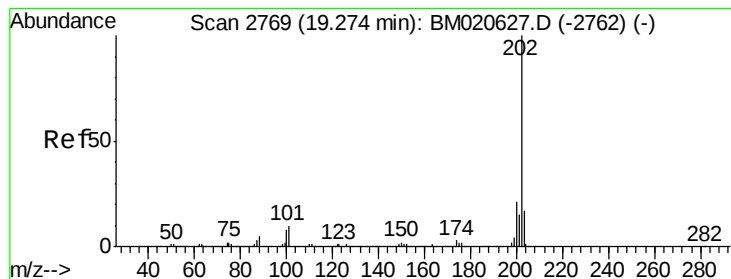
150 9.2 7.5 11.3

104 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.790 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

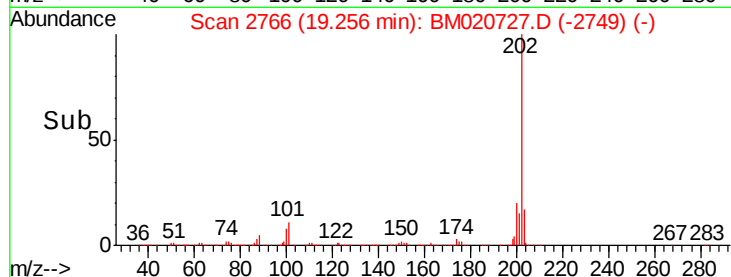
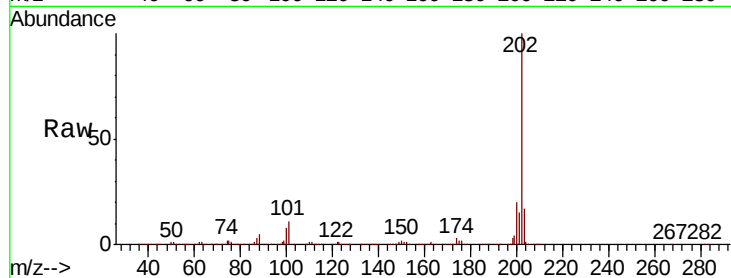
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:202 Resp: 3621047

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.5
203	17.4	0.0	37.5

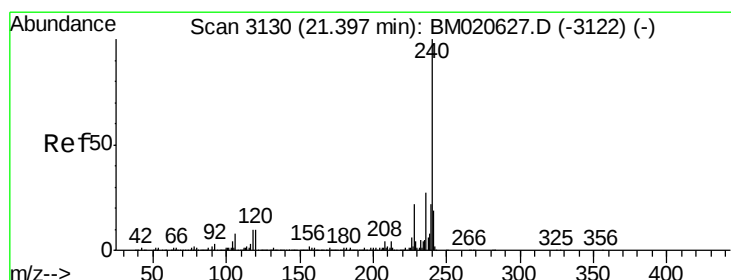
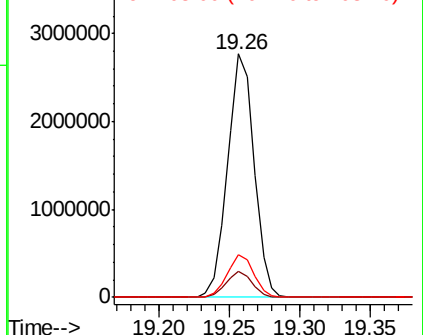


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

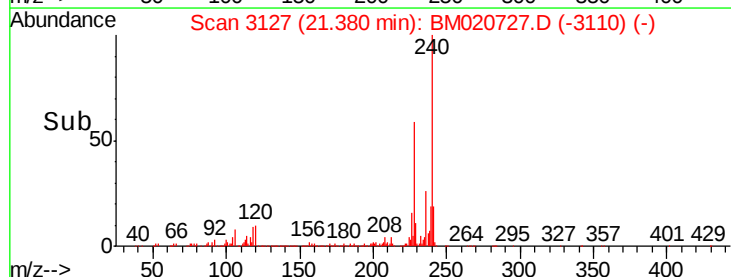
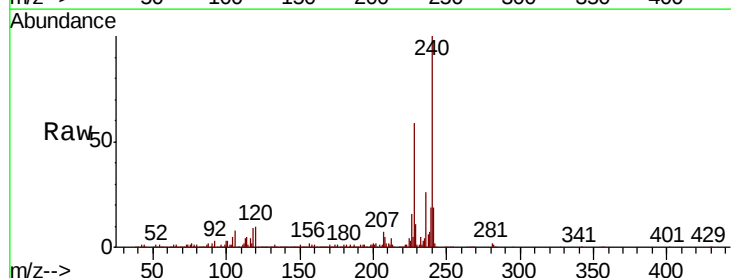
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:240 Resp: 1107096

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	26.0	21.1	31.7

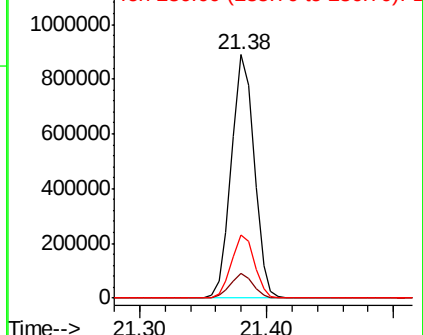


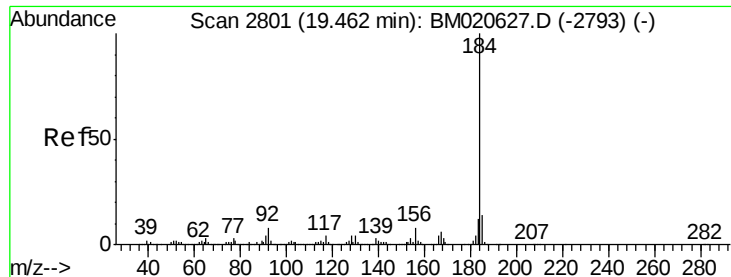
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.065 ng

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

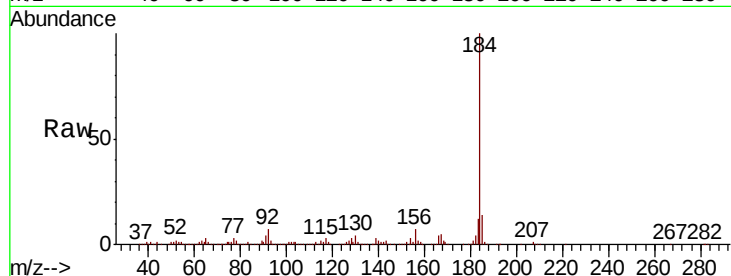
Tot Ion:184 Resp: 1478220

Ion Ratio Lower Upper

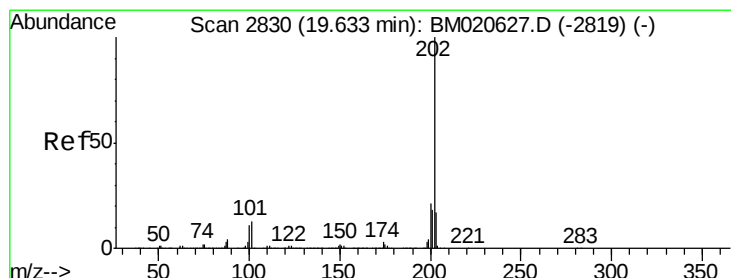
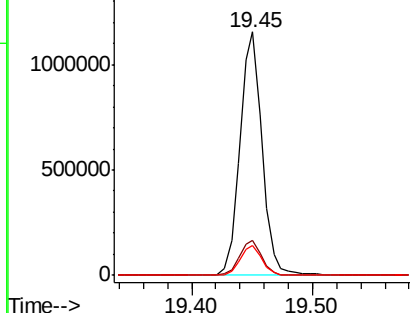
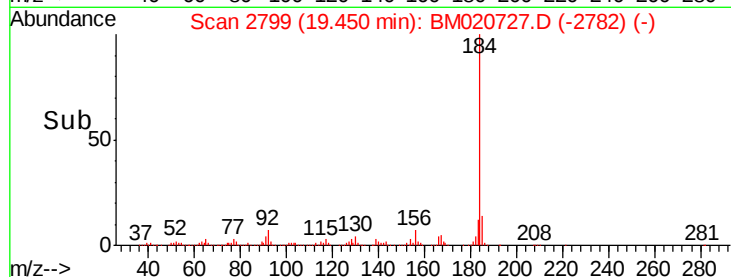
184 100

185 14.2 11.3 16.9

183 12.3 9.8 14.8



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



#78

Pyrene

Concen: 42.794 ng

RT: 19.62 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

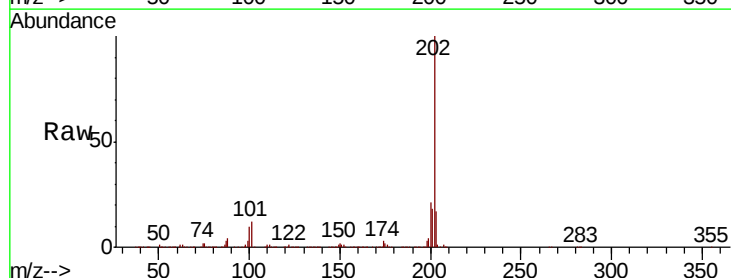
Tgt Ion:202 Resp: 3635643

Ion Ratio Lower Upper

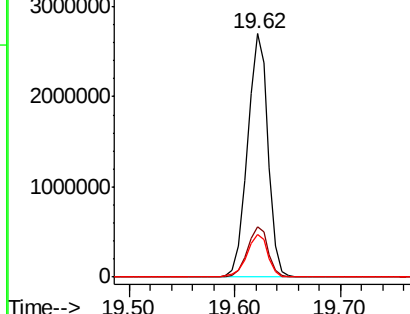
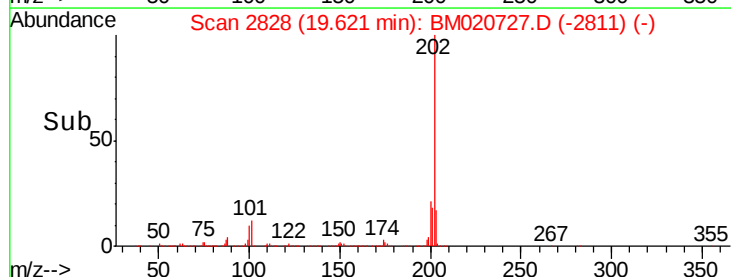
202 100

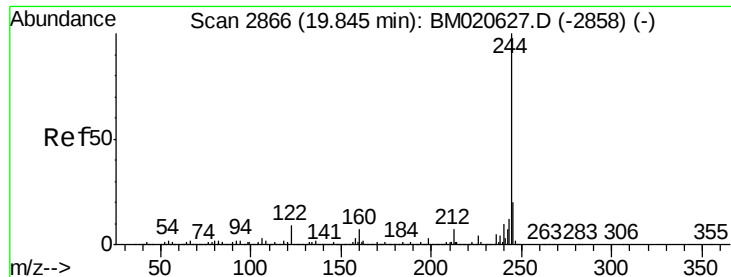
200 20.7 16.4 24.6

203 17.4 14.1 21.1



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





#79

Terphenyl-d14

Concen: 84.096 ng

RT: 19.83 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

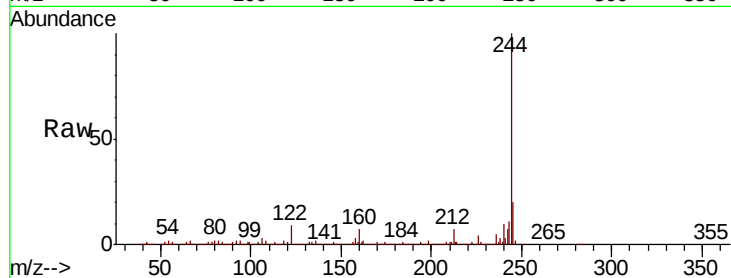
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:244 Resp: 5566137

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.1	7.4	11.0

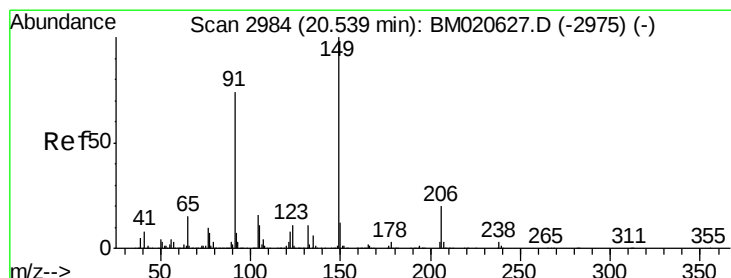
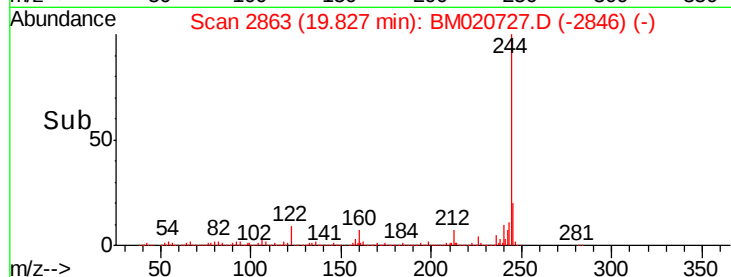
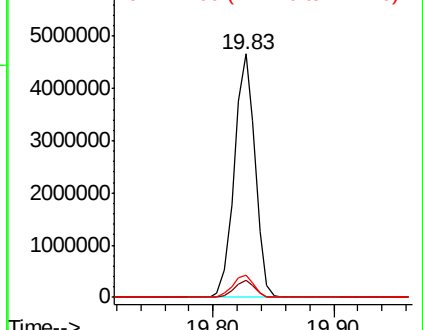


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.160 ng

RT: 20.52 min Scan# 2981

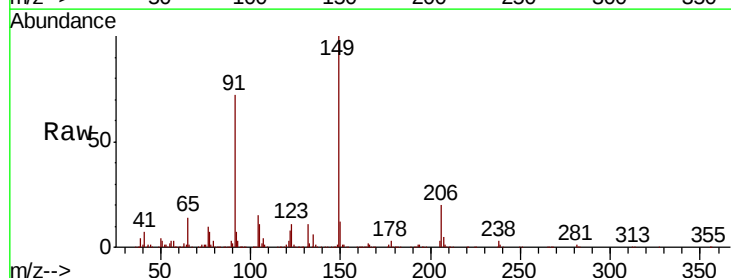
Delta R.T. -0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:149 Resp: 1441846

Ion	Ratio	Lower	Upper
149	100		
91	71.7	57.1	85.7
206	20.0	16.3	24.5

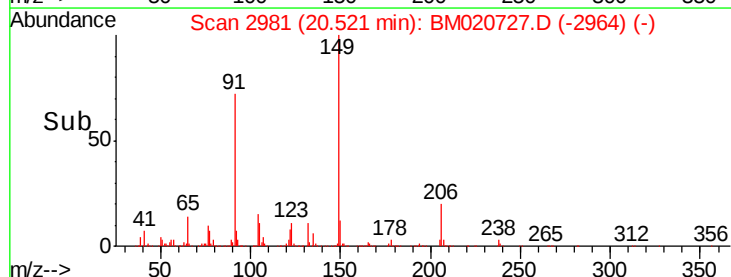
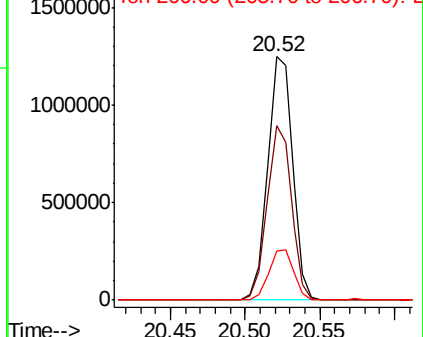


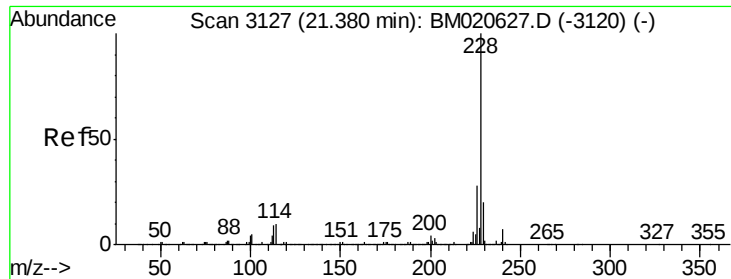
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

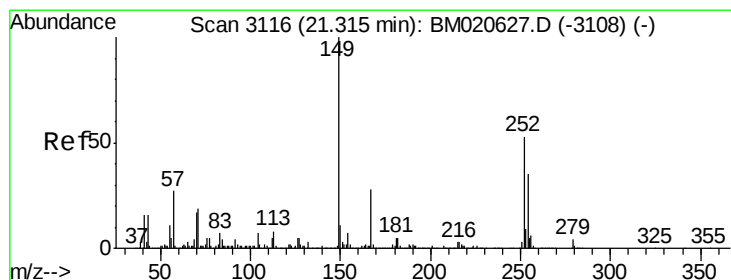
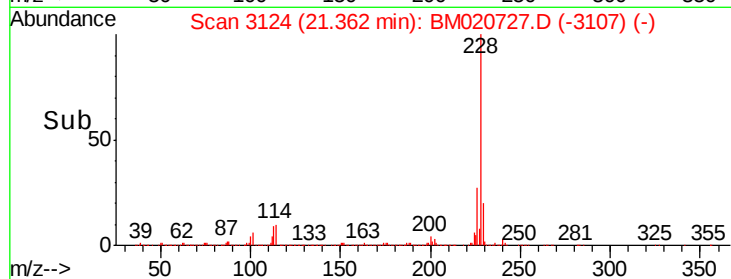
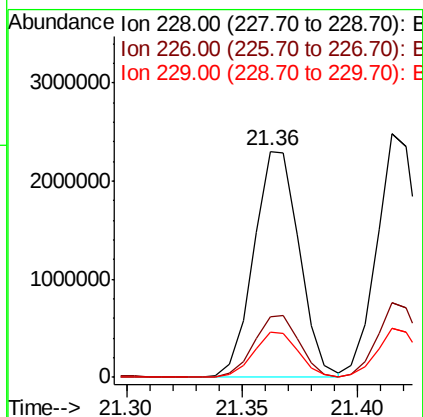
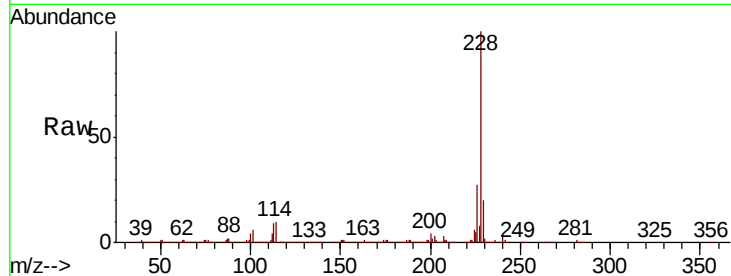




#81
Benzo(a)anthracene
Concen: 40.976 ng
RT: 21.36 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

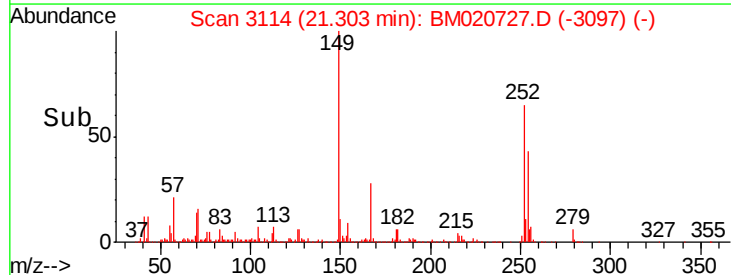
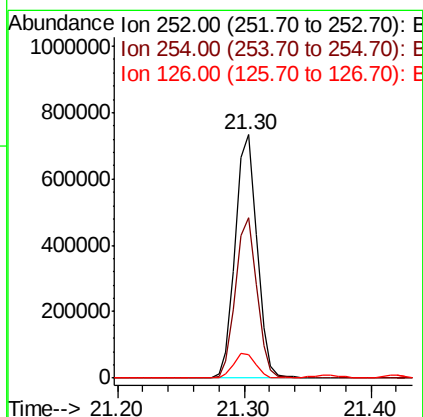
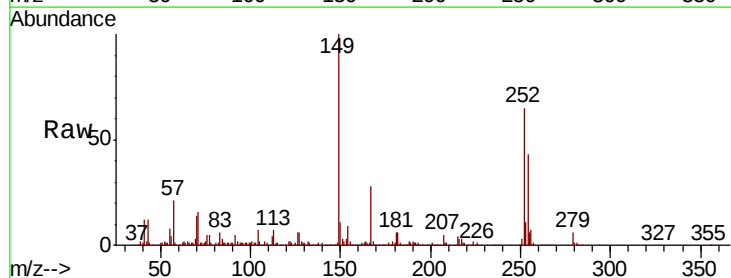
Instrument :
BNA_M
ClientSampleId :
PB120300BS

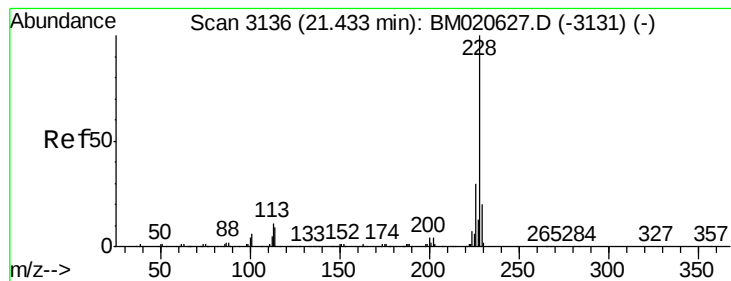
Tot Ion:228 Resp: 3159117
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 30.716 ng
RT: 21.30 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:252 Resp: 867167
Ion Ratio Lower Upper
252 100
254 65.9 51.7 77.5
126 9.4 7.8 11.8





#83

Chrysene

Concen: 42.649 ng

RT: 21.42 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

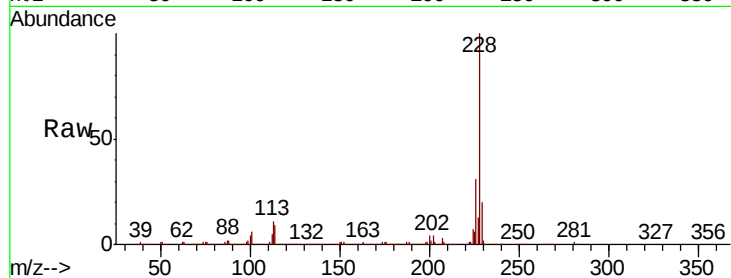
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:228 Resp: 3125539

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.9	23.9

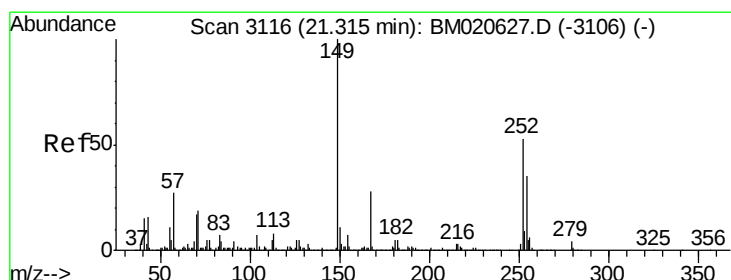
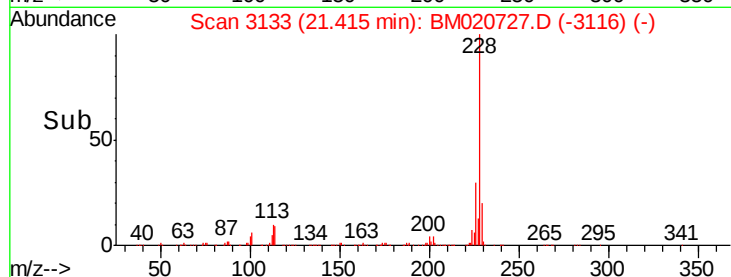
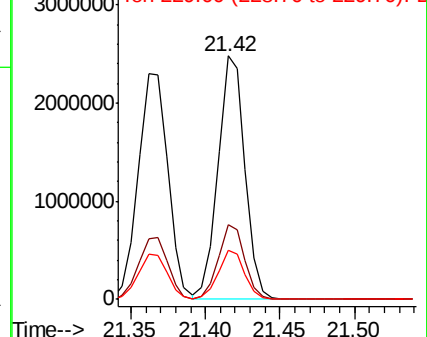


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.275 ng

RT: 21.30 min Scan# 3113

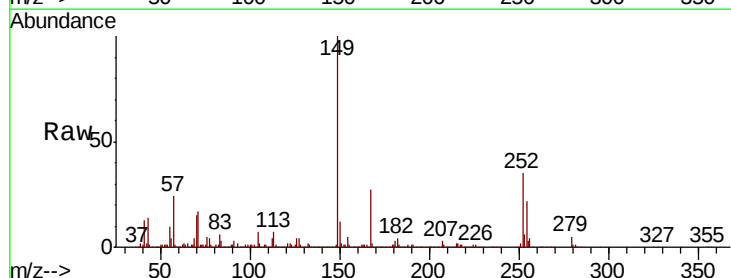
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:149 Resp: 1997201

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	4.7	4.0	6.0

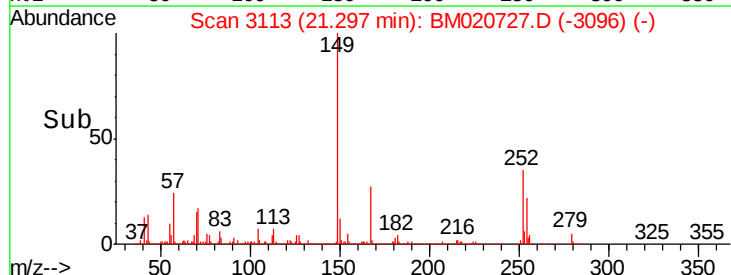
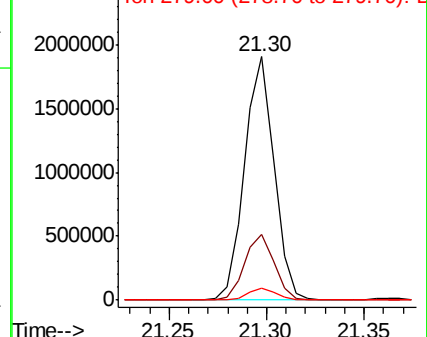


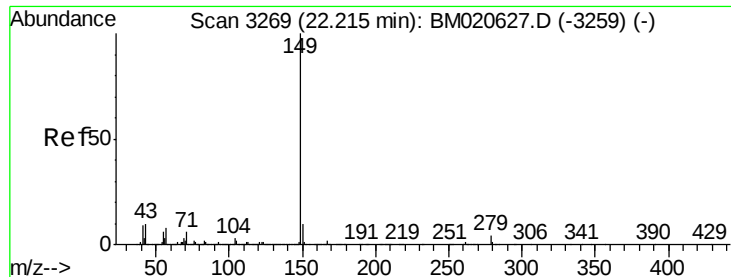
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.583 ng

RT: 22.19 min Scan# 3265

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

BNA_M

ClientSampleId :

PB120300BS

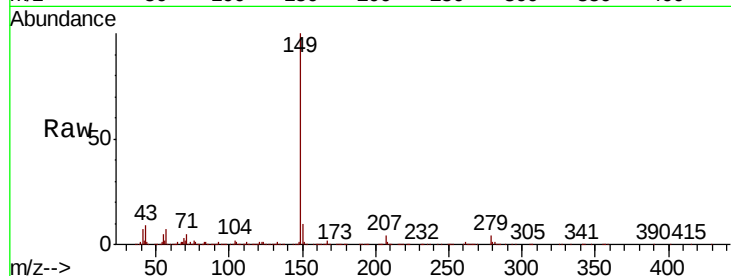
Tot Ion:149 Resp: 3196351

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

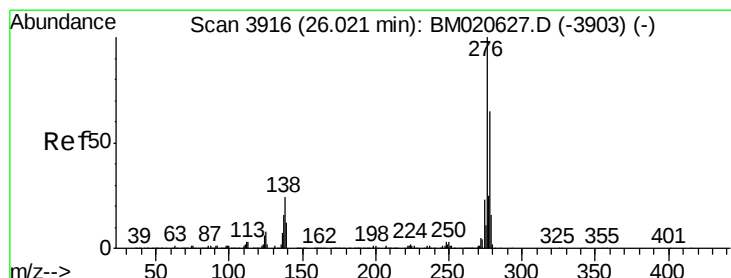
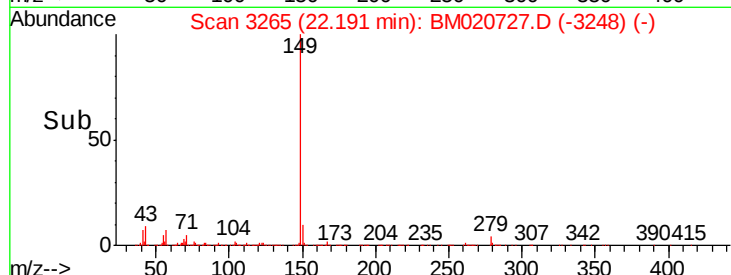
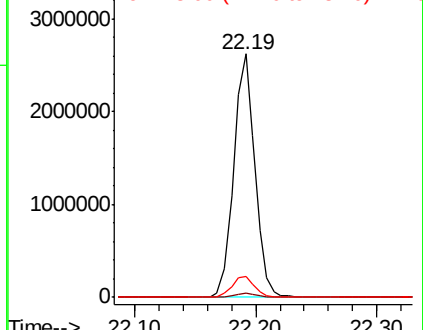
43 9.0 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.858 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

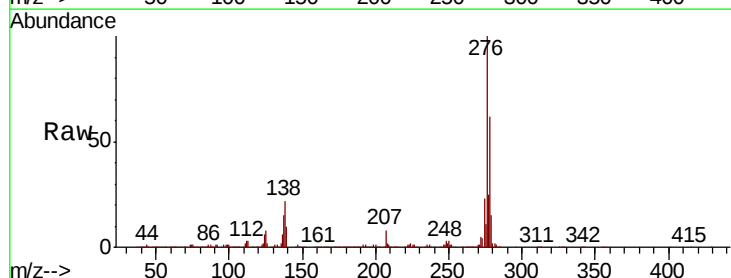
Tgt Ion:276 Resp: 4112909

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

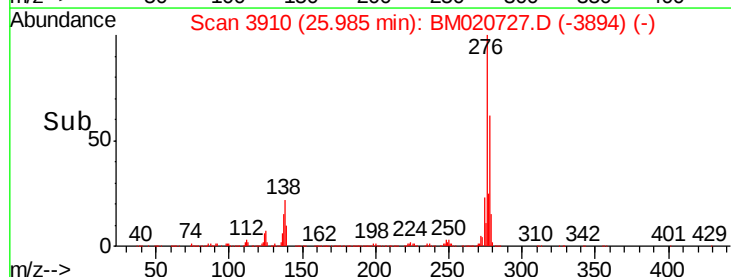
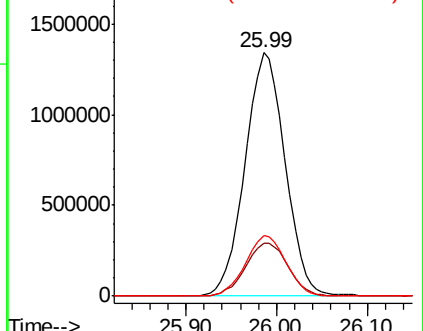
277 25.2 20.5 30.7

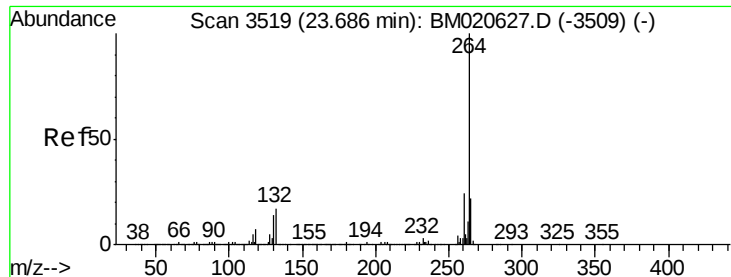


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



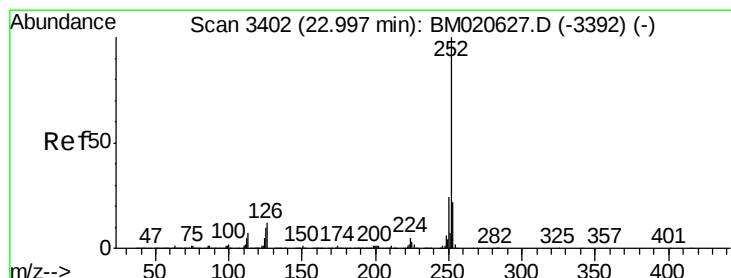
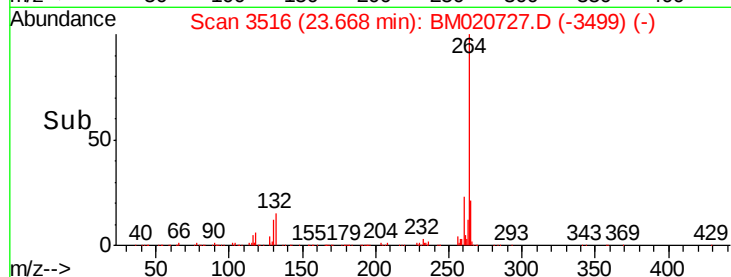
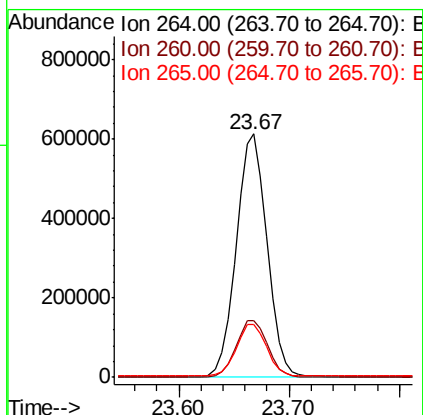
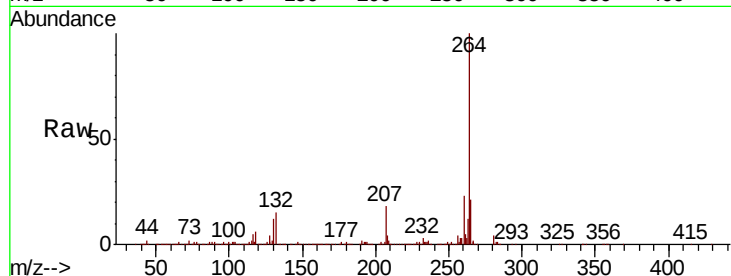


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Instrument :
BNA_M
ClientSampleId :
PB120300BS

Tot Ion:264 Resp: 1201277

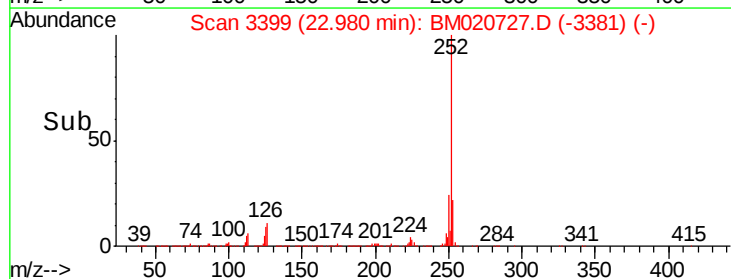
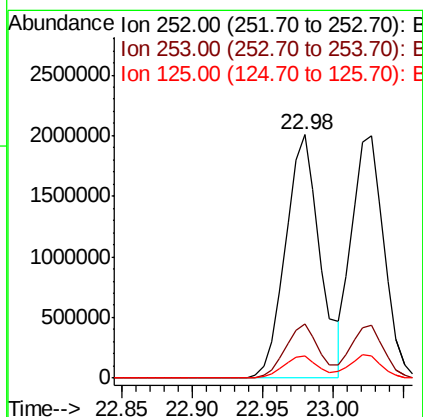
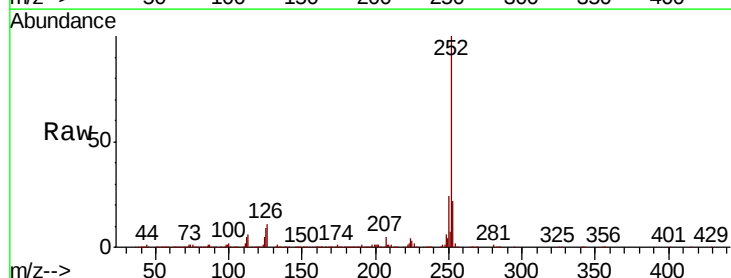
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.5	17.4	26.0

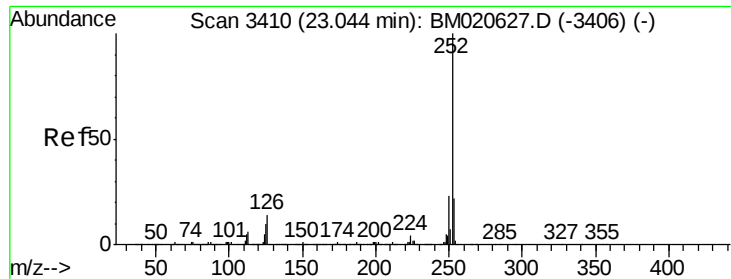


#88
Benzo(b)fluoranthene
Concen: 42.856 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:252 Resp: 3402668

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.0	7.6	11.4

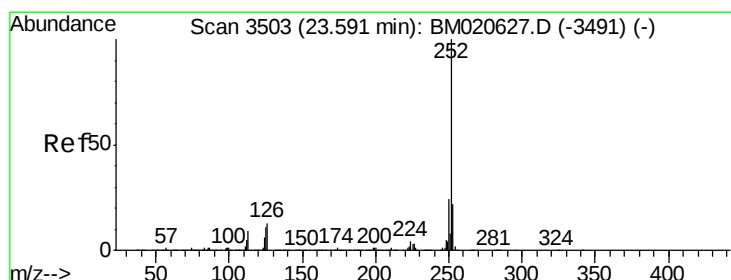
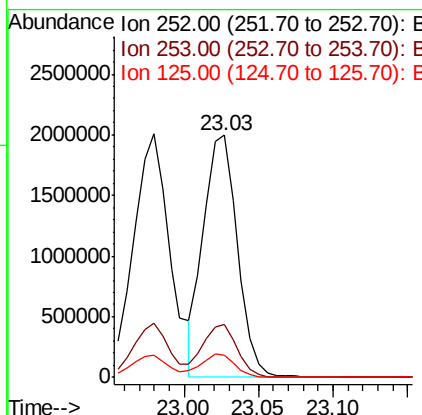
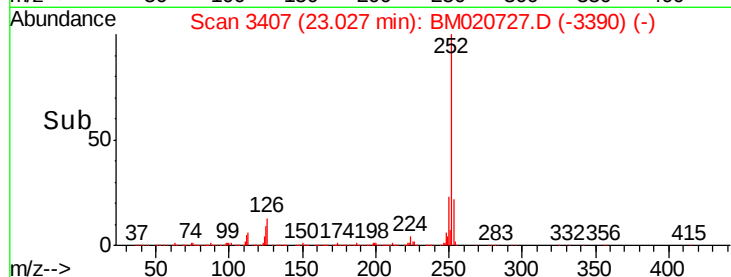
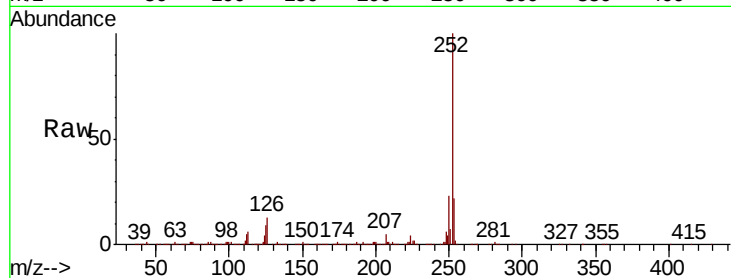




#89
Benzo(k)fluoranthene
Concen: 40.530 ng
RT: 23.03 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

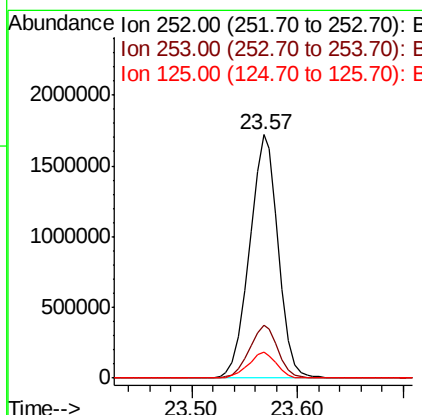
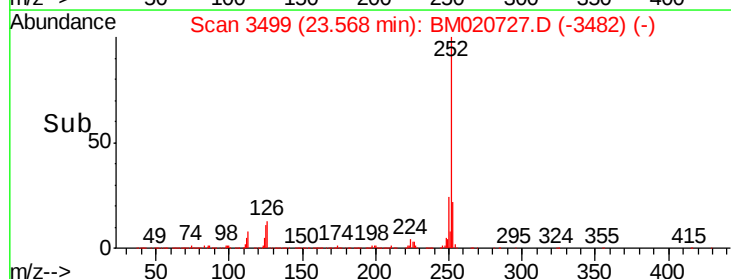
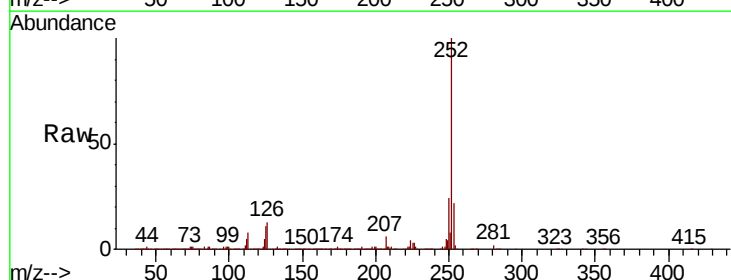
Instrument :
BNA_M
ClientSampleId :
PB120300BS

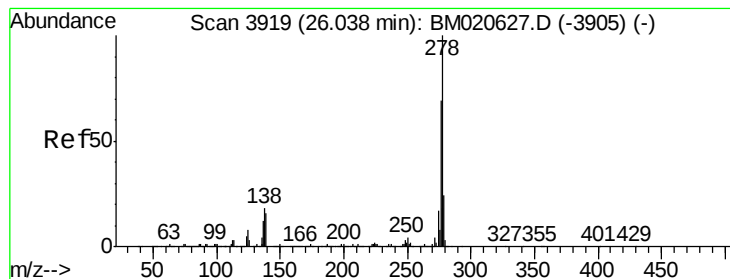
Tot Ion:252 Resp: 3144790
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 44.782 ng
RT: 23.57 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BM020727.D
Acq: 05 Jun 2019 09:25

Tgt Ion:252 Resp: 3225076
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 49.475 ng

RT: 26.00 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Instrument :

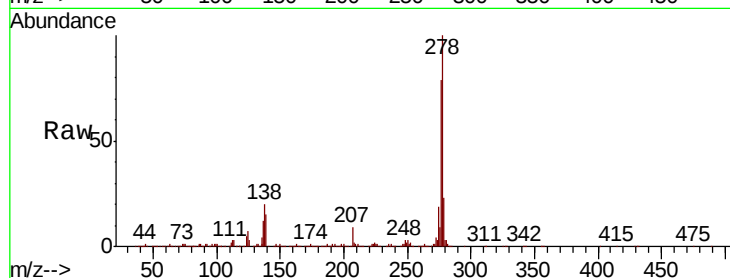
BNA_M

ClientSampleId :

PB120300BS

Tot Ion:278 Resp: 3456750

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.8	17.6
279	23.3	18.3	27.5

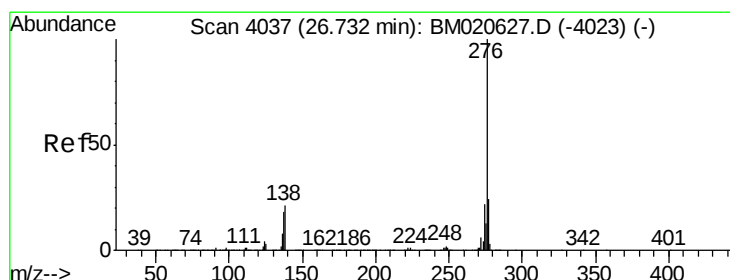
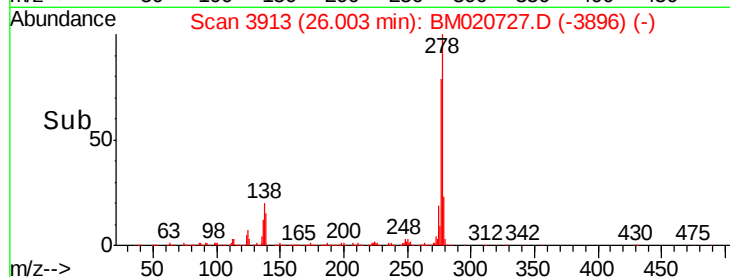
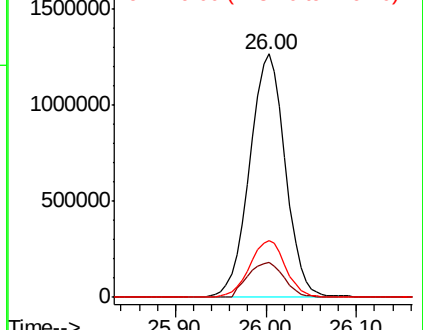


Abundance

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: 51.545 ng

RT: 26.70 min Scan# 4031

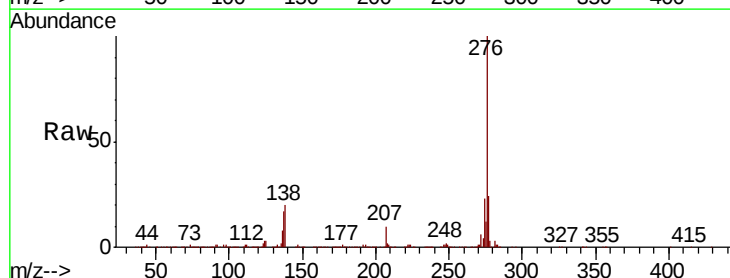
Delta R.T. 0.00 min

Lab File: BM020727.D

Acq: 05 Jun 2019 09:25

Tgt Ion:276 Resp: 3345179

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.5	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

