

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

Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

Quant Time: Jun 05 18:23:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	307657	41.311	ng	98
3) Pyridine	3.74	79	865345	36.521	ng	99
4) n-Nitrosodimethylamine	3.66	42	397472	38.913	ng	99
6) Aniline	7.16	93	1112682	28.711	ng	99
8) 2-Chlorophenol	7.39	128	970397	42.883	ng	99
9) Benzaldehyde	6.97	77	291511	15.005	ng	99
10) Phenol	7.02	94	1183926	41.017	ng	100
11) bis(2-Chloroethyl)ether	7.26	93	871538	37.888	ng	99
12) 1,3-Dichlorobenzene	7.71	146	1021800	39.289	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1038720	39.287	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1000033	38.867	ng	99
15) Benzyl Alcohol	8.06	79	853147	36.006	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1181318	33.263	ng	99
17) 2-Methylphenol	8.26	107	784754	38.664	ng	99
18) Hexachloroethane	8.89	117	381382	37.676	ng	100
19) n-Nitroso-di-n-propylamine	8.63	70	718087	33.353	ng	99
20) 3+4-Methylphenols	8.59	107	1033391	37.422	ng	98
22) Acetophenone	8.65	105	1340284	42.846	ng	# 99
24) Nitrobenzene	9.03	77	1057252	43.576	ng	99
25) Isophorone	9.55	82	1850979	39.153	ng	98
26) 2-Nitrophenol	9.73	139	447473	49.486	ng	100
27) 2,4-Dimethylphenol	9.79	122	837193	49.410	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1145368	40.070	ng	99
29) 2,4-Dichlorophenol	10.26	162	854449	45.579	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	961811	44.620	ng	100
31) Naphthalene	10.66	128	2763904	43.649	ng	100
32) Benzoic acid	9.92	122	425036	40.725	ng	99
33) 4-Chloroaniline	10.77	127	405777	13.770	ng	99
34) Hexachlorobutadiene	10.94	225	557570	43.110	ng	99
35) Caprolactam	11.56	113	204936	31.468	ng	99
36) 4-Chloro-3-methylphenol	11.89	107	858152	39.373	ng	99
37) 2-Methylnaphthalene	12.27	142	1986798	42.331	ng	99
38) 1-Methylnaphthalene	12.49	142	1890817	42.309	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1025448	48.945	ng	99

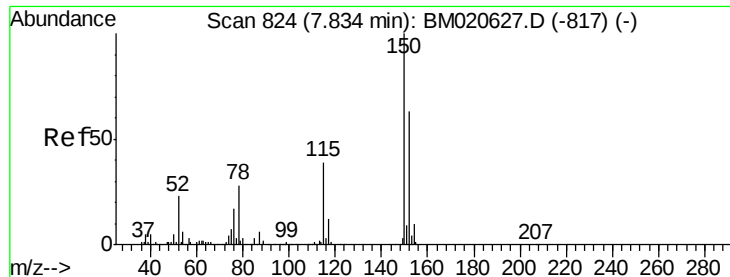
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020734.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 18:16:03 2019
 Response via : Initial Calibration

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

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

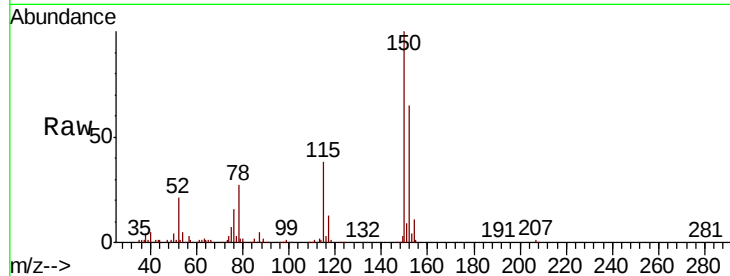


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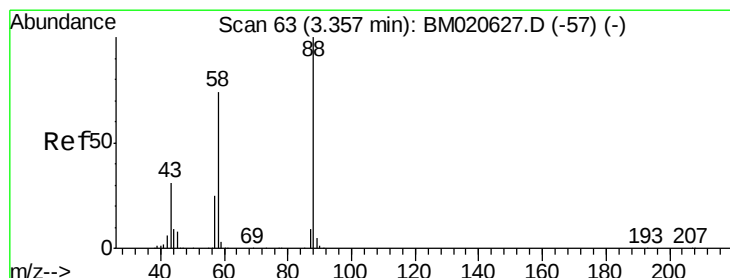
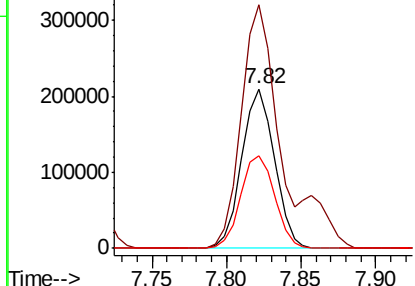
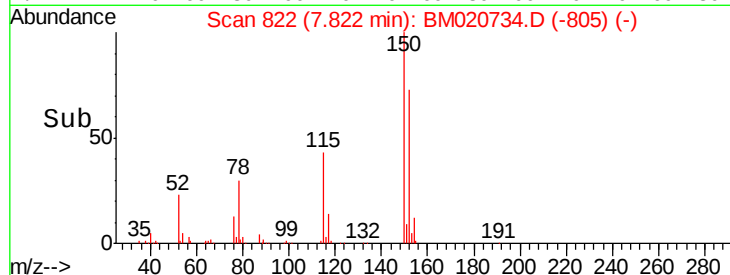
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion:152 Resp: 319972
Ion Ratio Lower Upper
152 100
150 152.9 124.0 186.0
115 58.5 47.0 70.6



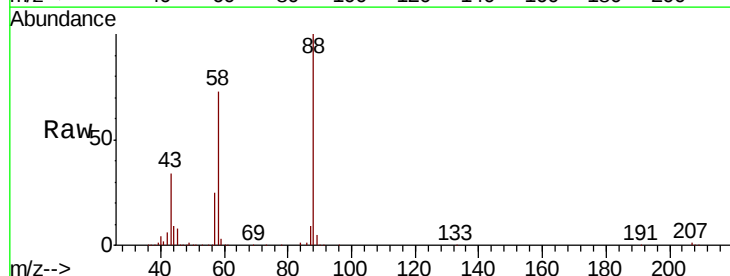
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



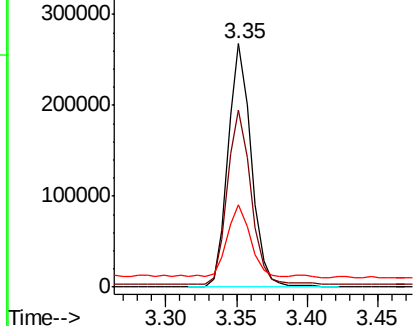
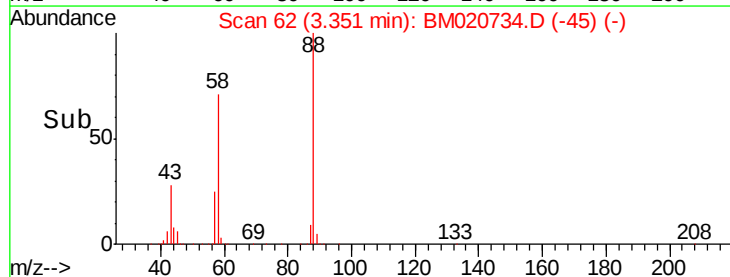
#2

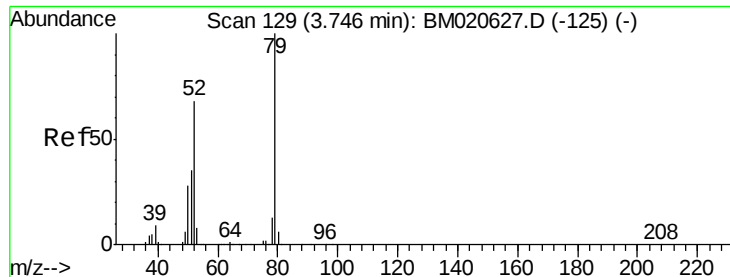
1,4-Dioxane
Concen: 41.311 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion: 88 Resp: 307657
Ion Ratio Lower Upper
88 100
58 72.7 57.2 85.8
43 28.2 24.2 36.4



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





#3

Pvridine

Concen: 36.521 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

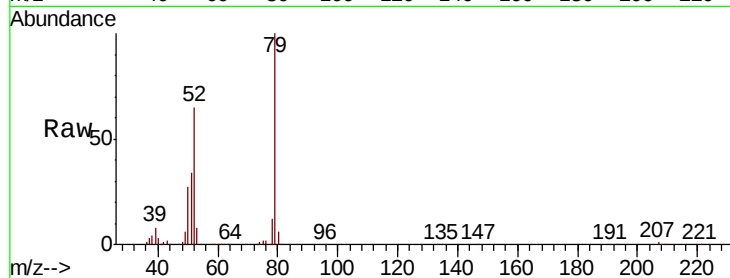
Tot Ion: 79 Resp: 865345

Ion Ratio Lower Upper

79 100

52 65.3 52.0 78.0

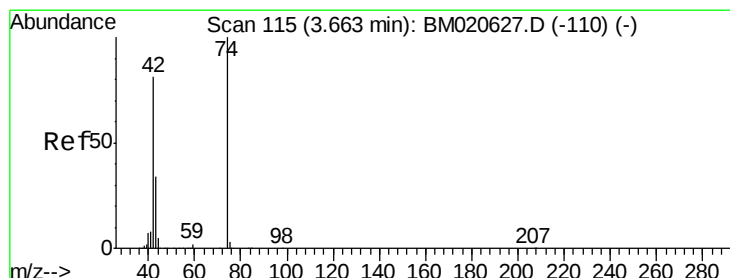
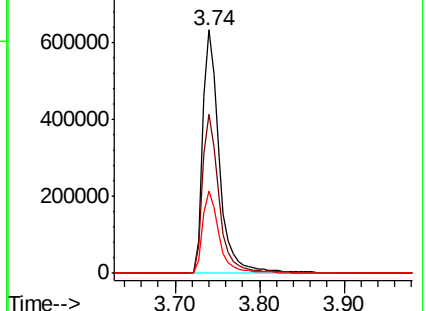
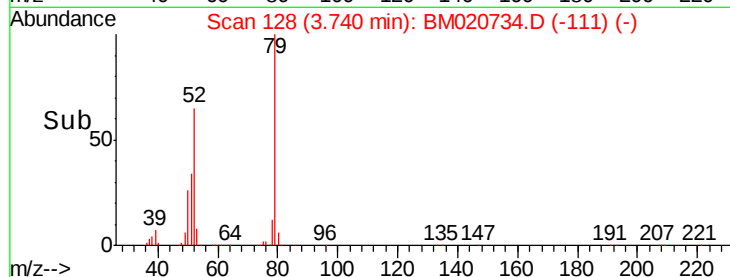
51 33.8 26.5 39.7



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 38.913 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

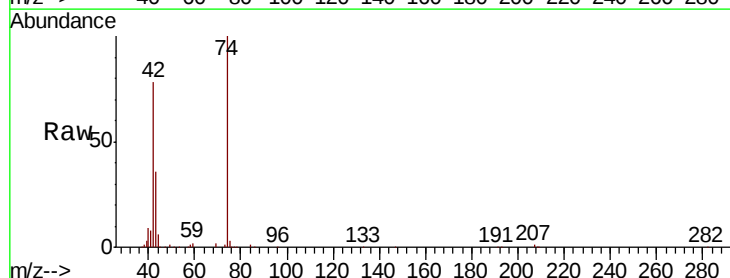
Tgt Ion: 42 Resp: 397472

Ion Ratio Lower Upper

42 100

74 127.8 103.3 154.9

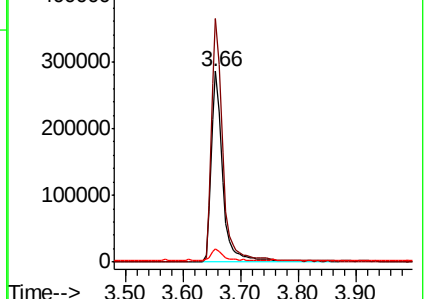
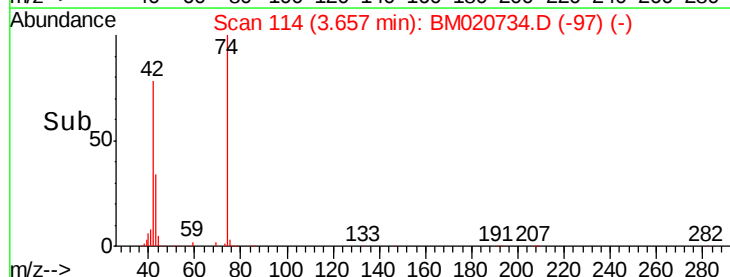
44 7.1 5.9 8.9

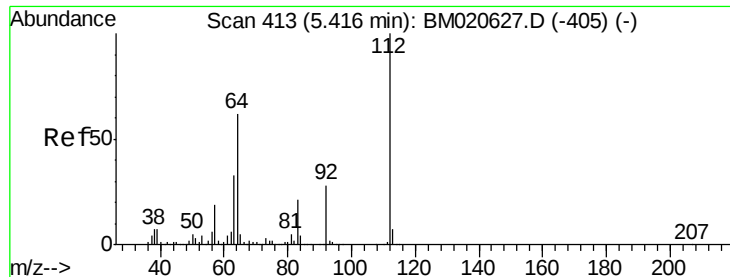


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 137.600 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

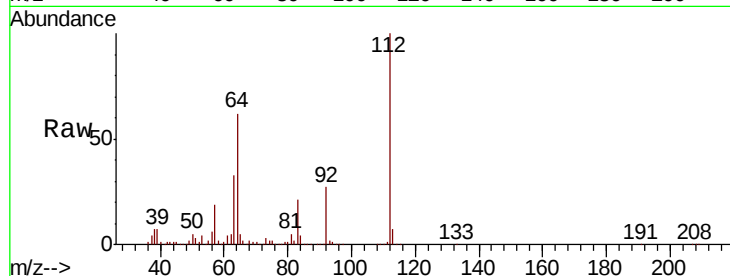
Tot Ion:112 Resp: 2502931

Ion Ratio Lower Upper

112 100

64 62.1 47.8 71.8

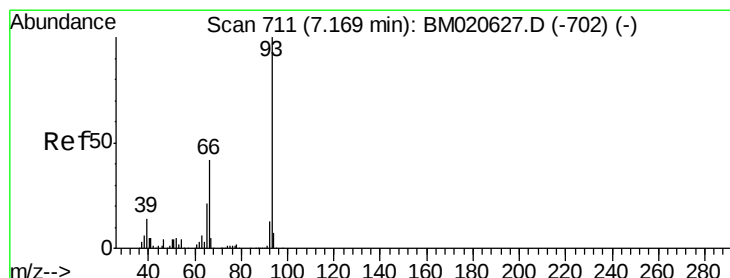
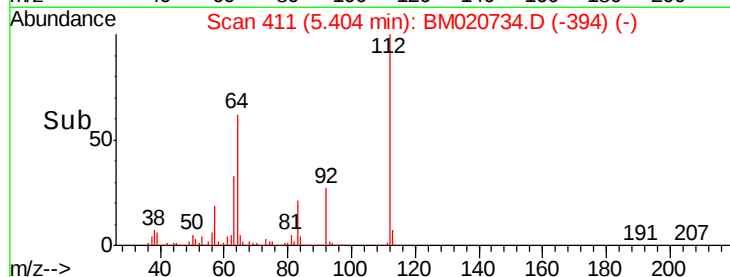
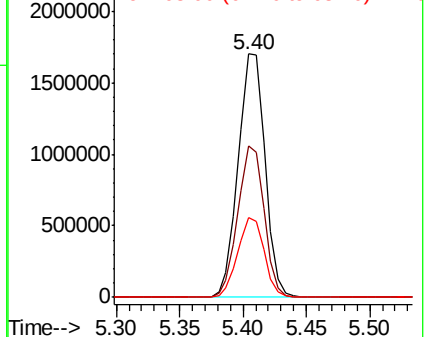
63 32.9 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 28.711 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

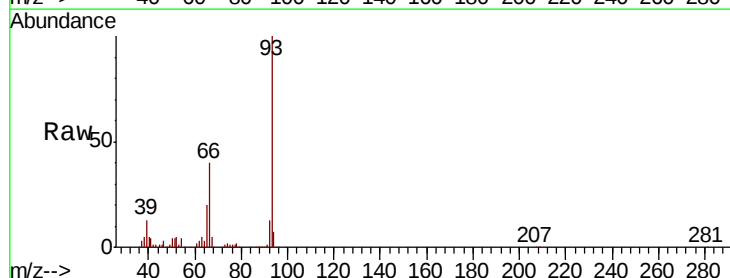
Tgt Ion: 93 Resp: 1112682

Ion Ratio Lower Upper

93 100

66 40.4 33.0 49.4

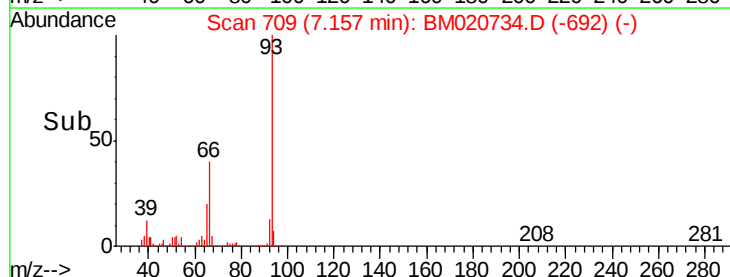
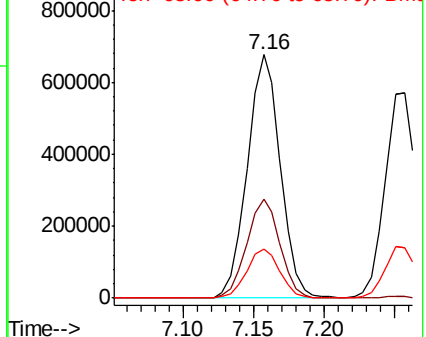
65 20.2 16.1 24.1

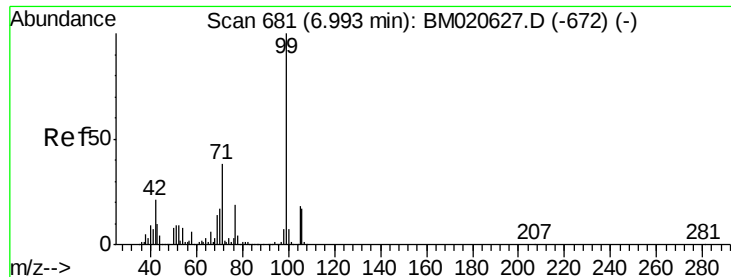


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 121.361 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

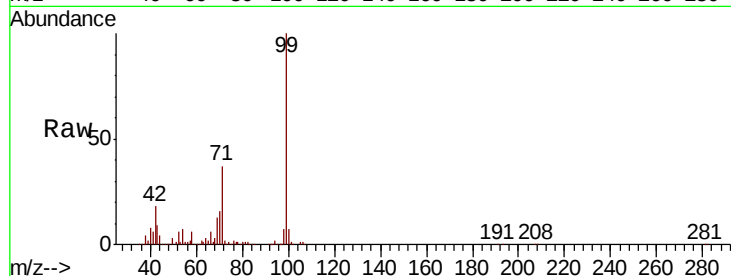
Tot Ion: 99 Resp: 3250521

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.8	22.2
71	36.8	29.5	44.3

99 100

42 18.4 14.8 22.2

71 36.8 29.5 44.3

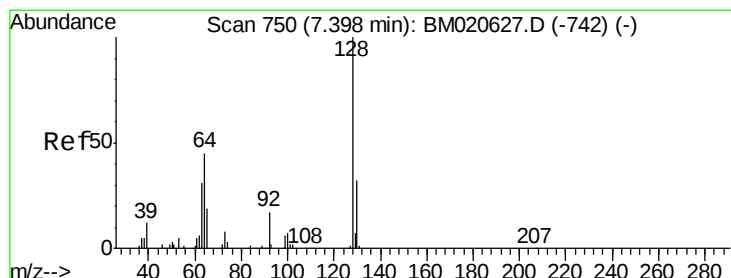
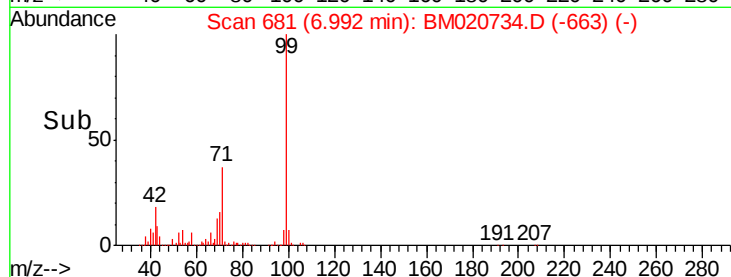
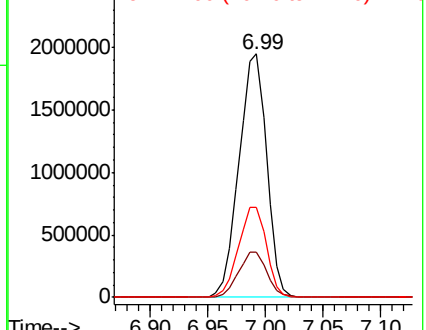


Abundance

Ion 99.00 (98.70 to 99.70): BM020734.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM020734.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM020734.D (-663) (-)



#8

2-Chlorophenol

Concen: 42.883 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

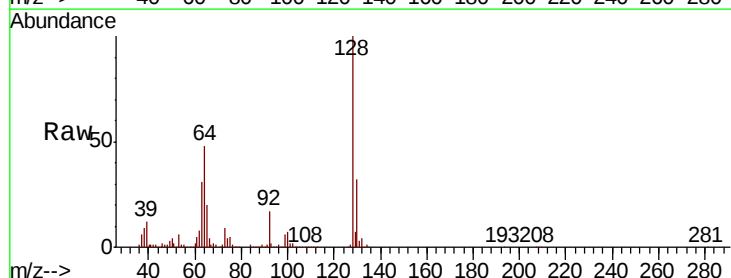
Tgt Ion: 128 Resp: 970397

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	48.4	27.5	67.5

128 100

130 32.5 12.6 52.6

64 48.4 27.5 67.5

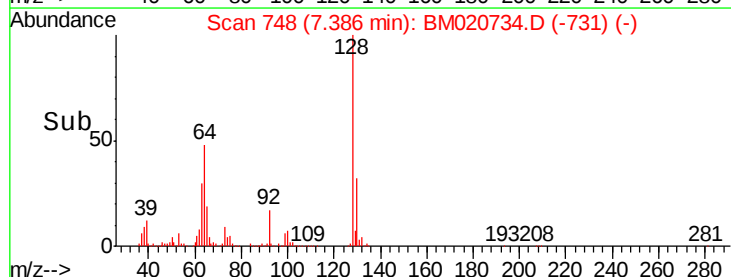
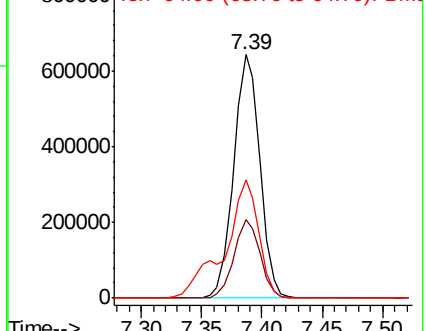


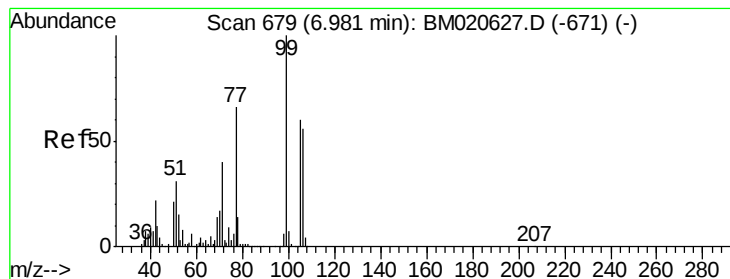
Abundance

Ion 128.00 (127.70 to 128.70): BM020734.D (-731) (-)

Ion 130.00 (129.70 to 130.70): BM020734.D (-731) (-)

Ion 64.00 (63.70 to 64.70): BM020734.D (-731) (-)





#9

Benzaldehyde

Concen: 15.005 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

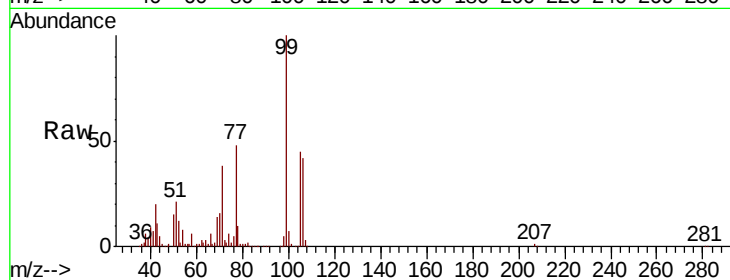
Tot Ion: 77 Resp: 291511

Ion Ratio Lower Upper

77 100

105 93.2 73.6 113.6

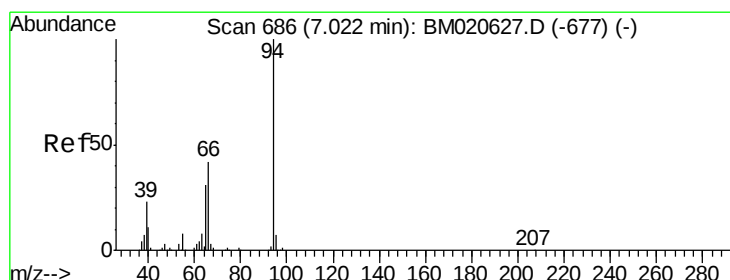
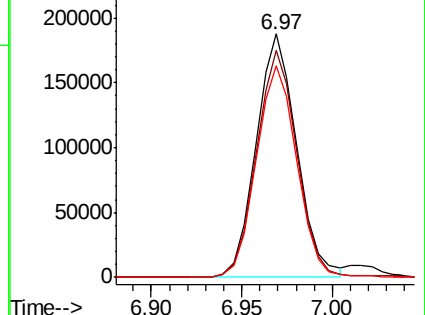
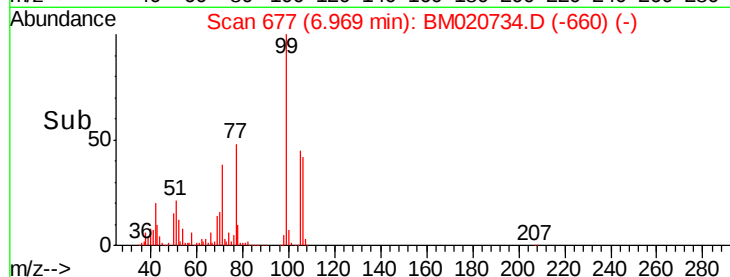
106 86.9 68.3 108.3



Abundance Ion 77.00 (76.70 to 77.70): BM020734.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM020734.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM020734.D (-660) (-)



#10

Phenol

Concen: 41.017 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

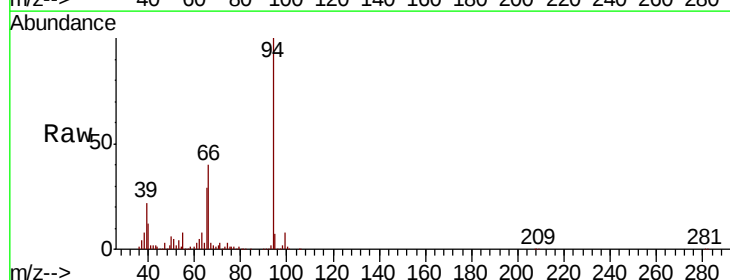
Tgt Ion: 94 Resp: 1183926

Ion Ratio Lower Upper

94 100

65 29.4 9.4 49.4

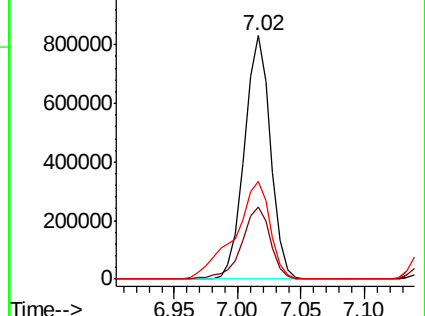
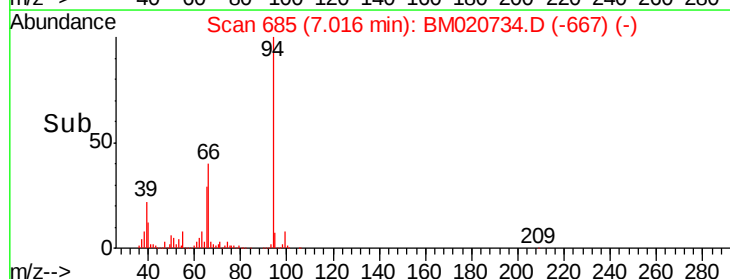
66 40.3 20.7 60.7

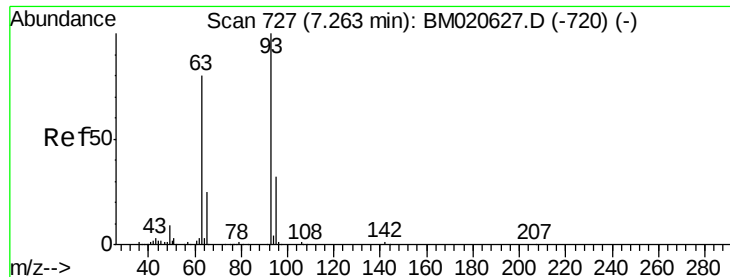


Abundance Ion 94.00 (93.70 to 94.70): BM020734.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM020734.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM020734.D (-667) (-)

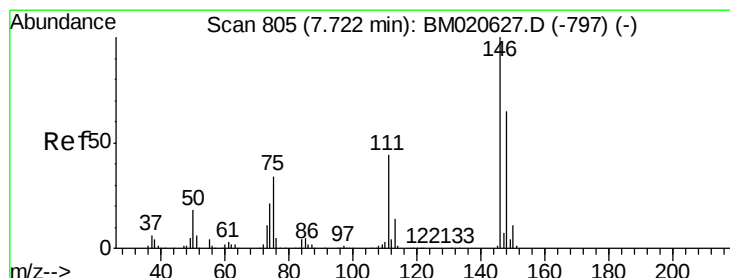
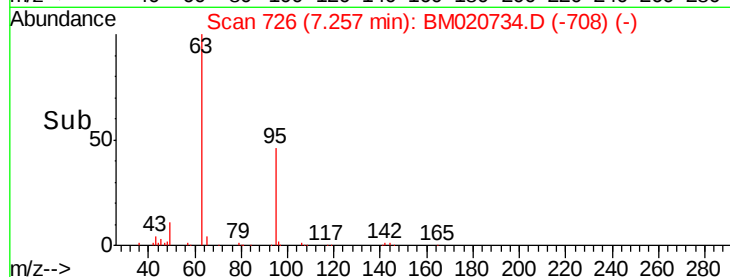
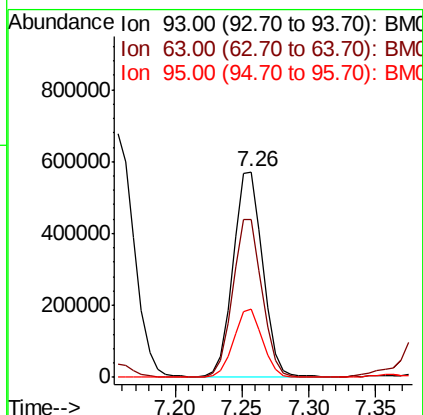
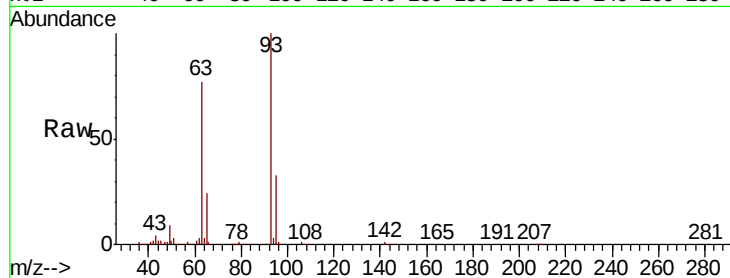




#11
bis(2-Chloroethyl)ether
Concen: 37.888 ng
RT: 7.26 min Scan# 726
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

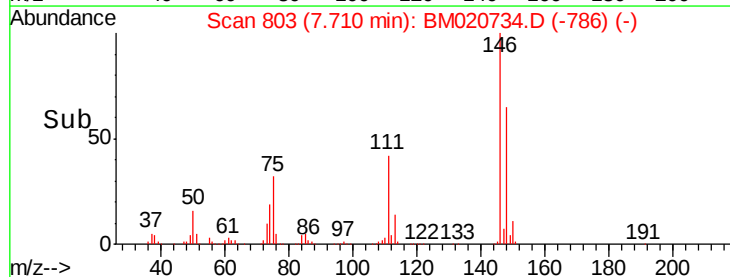
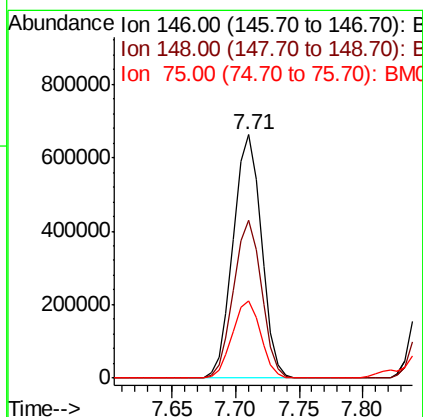
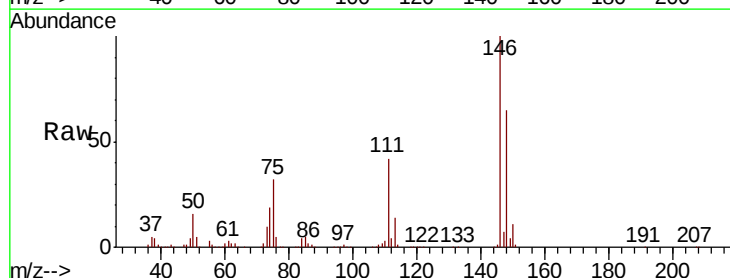
Instrument :
BNA_M
ClientSampleId :
PB119779BS

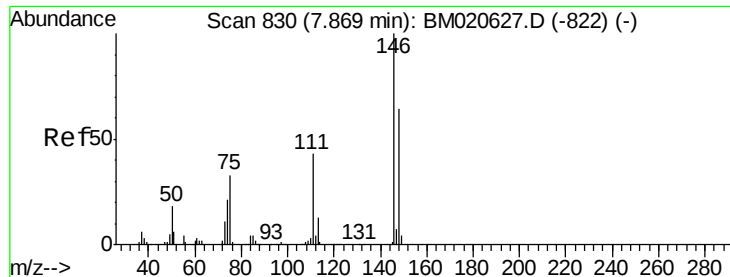
Tot Ion: 93 Resp: 871538
Ion Ratio Lower Upper
93 100
63 76.7 56.0 96.0
95 33.0 12.2 52.2



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

Tgt Ion: 146 Resp: 1021800
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 31.8 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 39.287 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

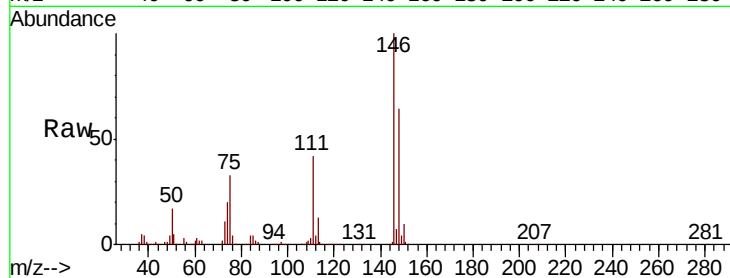
Tot Ion:146 Resp: 1038720

Ion Ratio Lower Upper

146 100

148 64.0 52.5 78.7

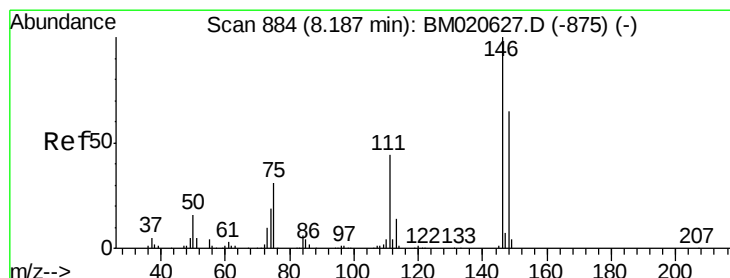
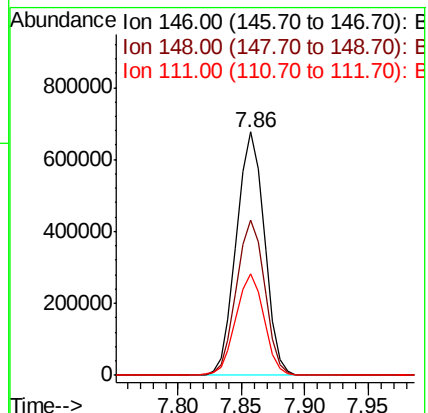
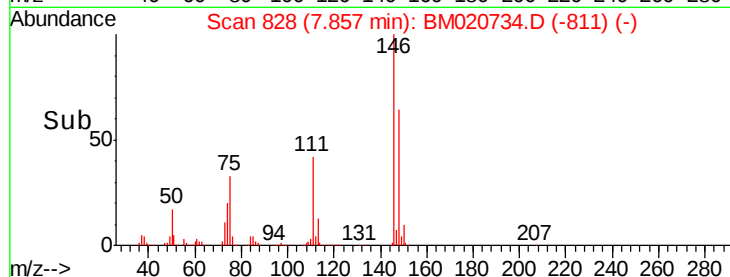
111 41.7 33.8 50.8



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: 38.867 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

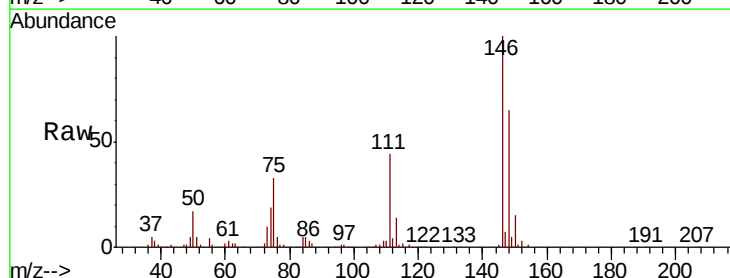
Tgt Ion:146 Resp: 1000033

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

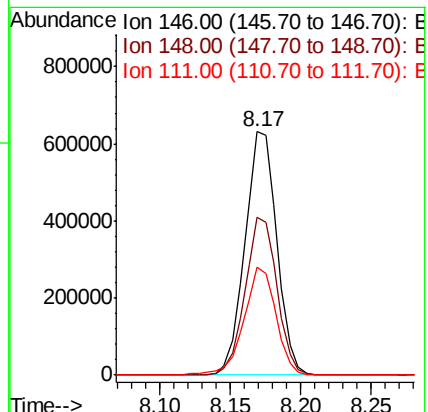
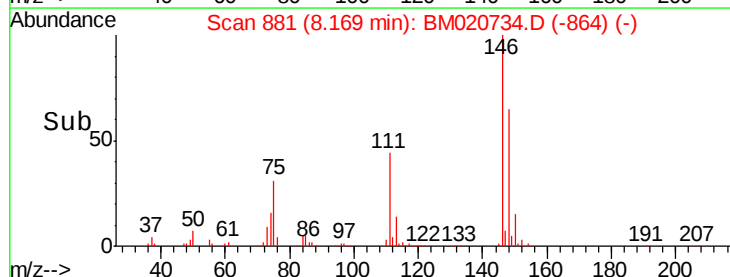
111 44.1 35.3 52.9

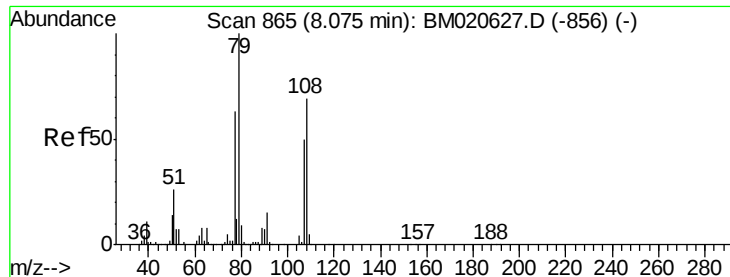


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.006 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

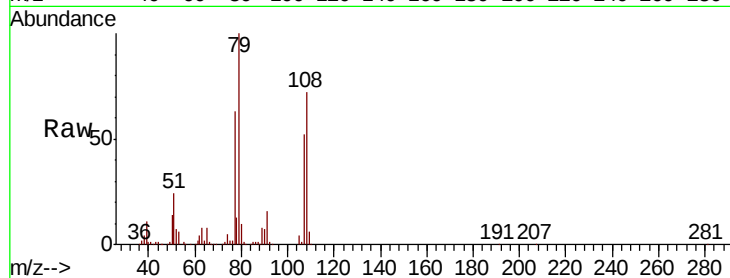
Tot Ion: 79 Resp: 853147

Ion Ratio Lower Upper

79 100

108 72.2 57.2 85.8

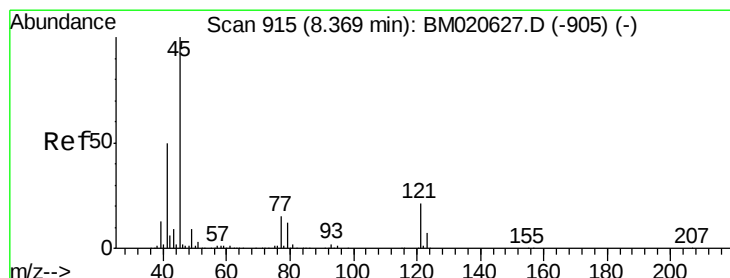
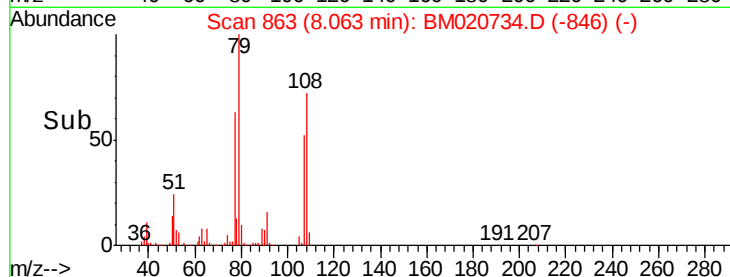
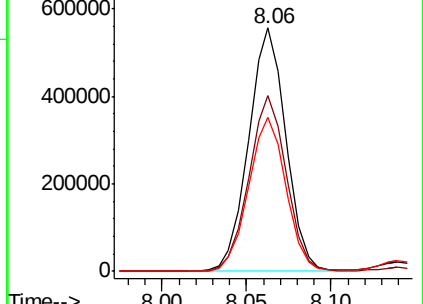
77 63.3 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BM020734.D (-846) (-)

Ion 108.00 (107.70 to 108.70): BM020734.D (-846) (-)

Ion 77.00 (76.70 to 77.70): BM020734.D (-846) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.263 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

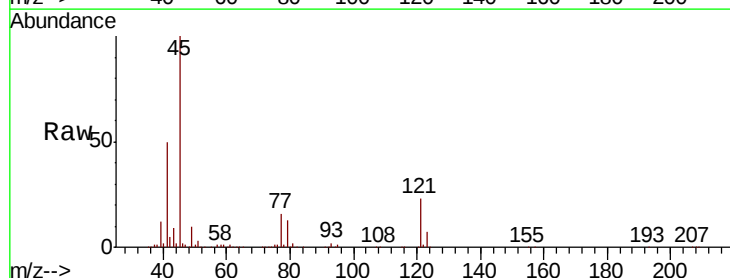
Tgt Ion: 45 Resp: 1181318

Ion Ratio Lower Upper

45 100

77 16.0 0.0 35.4

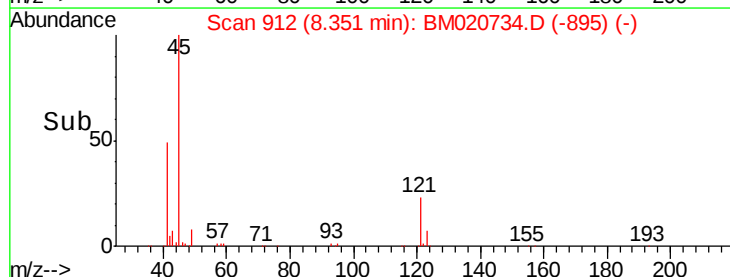
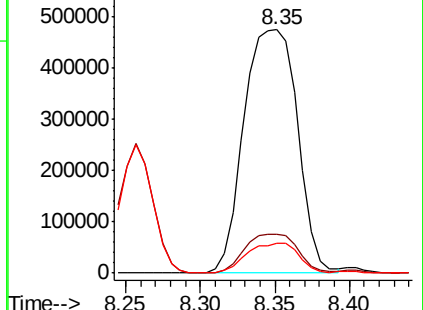
79 12.5 0.0 32.2

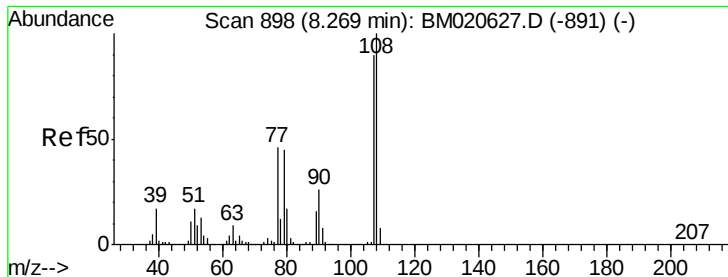


Abundance Ion 45.00 (44.70 to 45.70): BM020734.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM020734.D (-895) (-)

Ion 79.00 (78.70 to 79.70): BM020734.D (-895) (-)

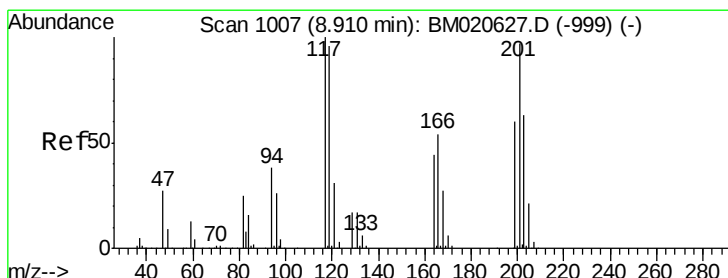
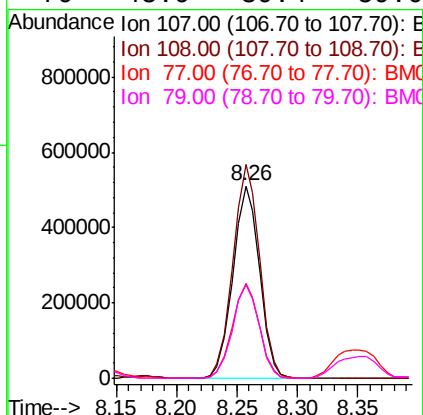
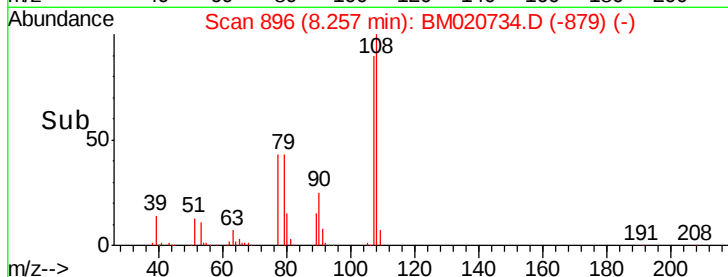
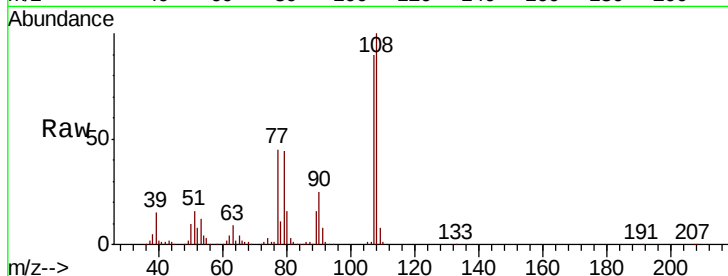




#17
2-Methylphenol
Concen: 38.664 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

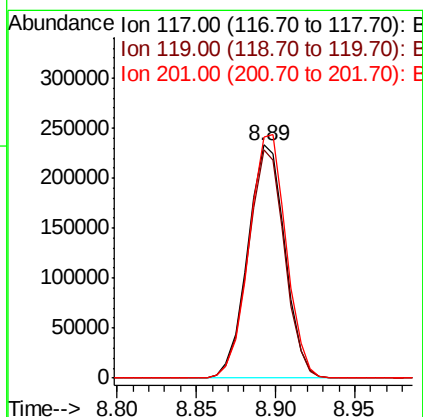
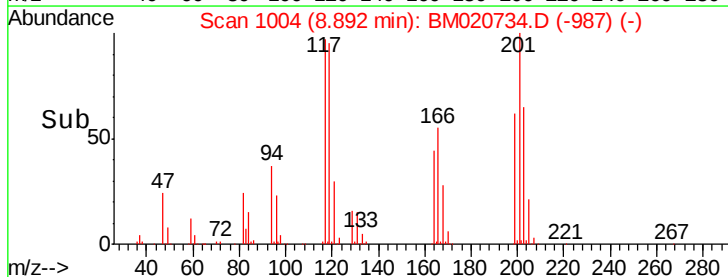
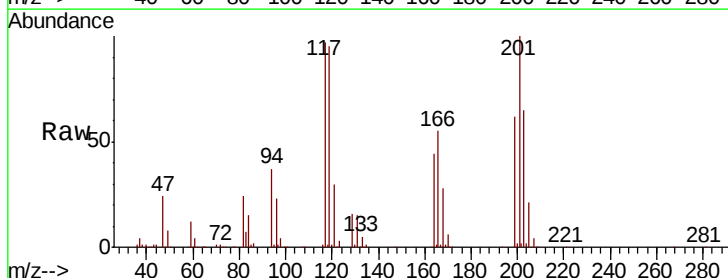
Instrument :
BNA_M
ClientSampleId :
PB119779BS

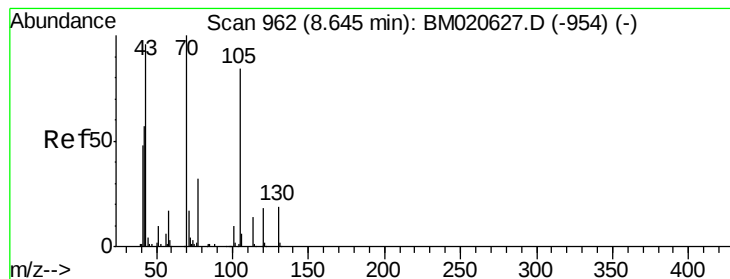
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.2	132.4
77	49.6	39.5	59.3
79	48.9	39.4	59.0



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

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





#19

n-Nitroso-di-n-propylamine

Concen: 33.353 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion: 70 Resp: 718087

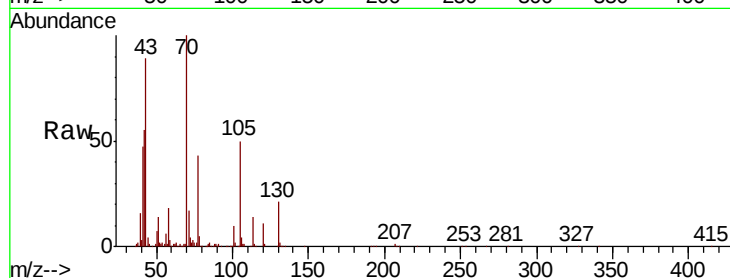
Ion Ratio Lower Upper

70 100

42 55.4 44.2 66.2

101 9.6 7.2 10.8

130 20.6 15.6 23.4



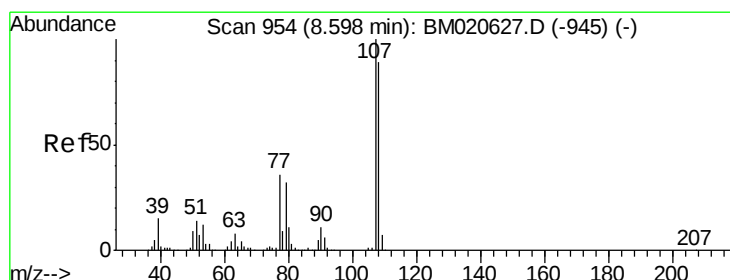
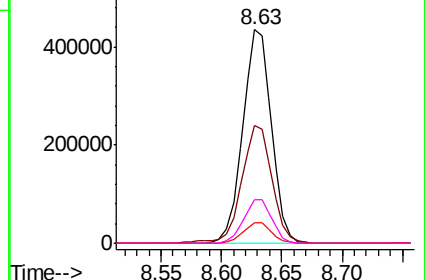
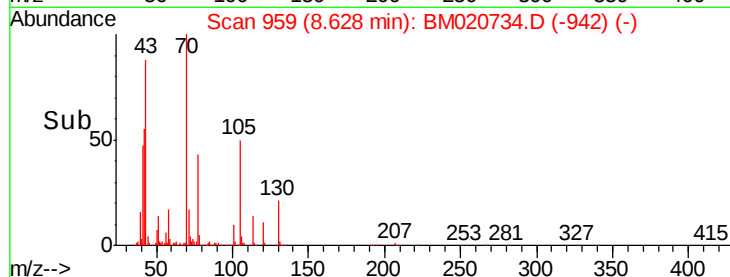
Abundance

Ion 70.00 (69.70 to 70.70): BM020734.D (-942) (-)

Ion 42.00 (41.70 to 42.70): BM020734.D (-942) (-)

Ion 101.00 (100.70 to 101.70): BM020734.D (-942) (-)

Ion 130.00 (129.70 to 130.70): BM020734.D (-942) (-)



#20

3+4-Methylphenols

Concen: 37.422 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion: 107 Resp: 1033391

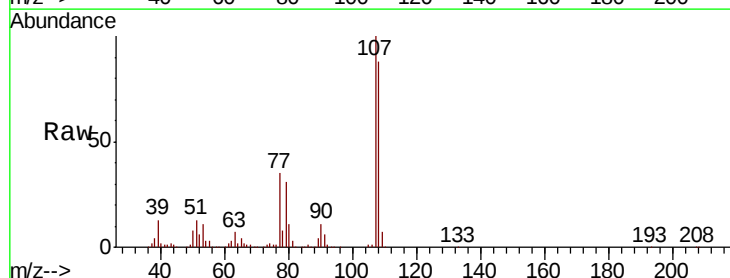
Ion Ratio Lower Upper

107 100

108 88.2 70.3 110.3

77 35.3 15.5 55.5

79 31.1 11.9 51.9



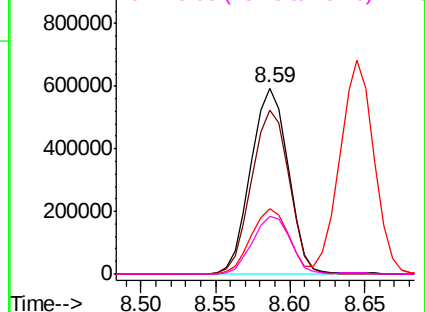
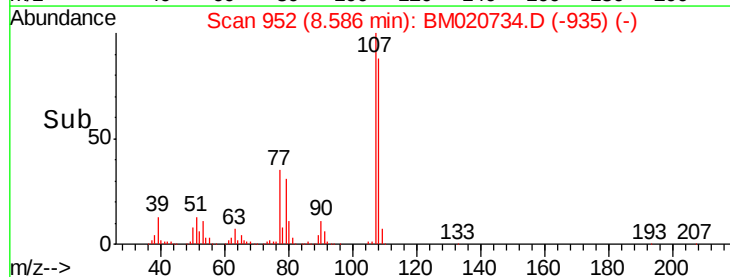
Abundance

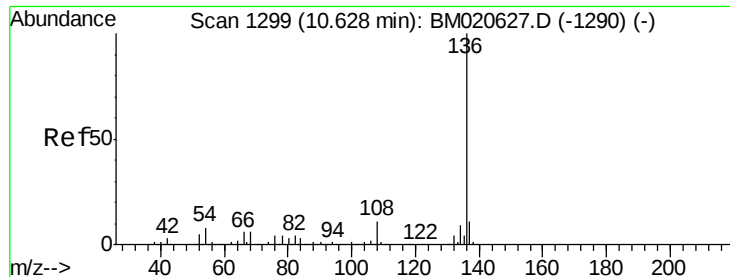
Ion 107.00 (106.70 to 107.70): BM020734.D (-935) (-)

Ion 108.00 (107.70 to 108.70): BM020734.D (-935) (-)

Ion 77.00 (76.70 to 77.70): BM020734.D (-935) (-)

Ion 79.00 (78.70 to 79.70): BM020734.D (-935) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

Tot Ion:136 Resp: 1231372

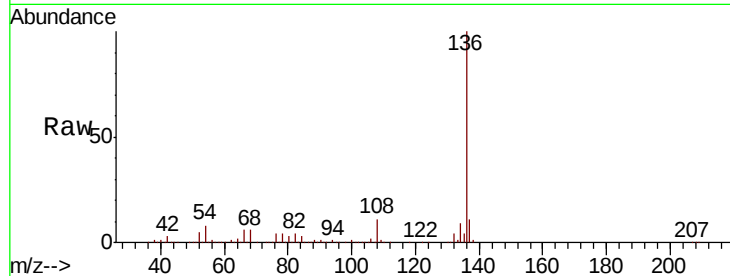
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.6 6.0 9.0

68 6.2 4.4 6.6

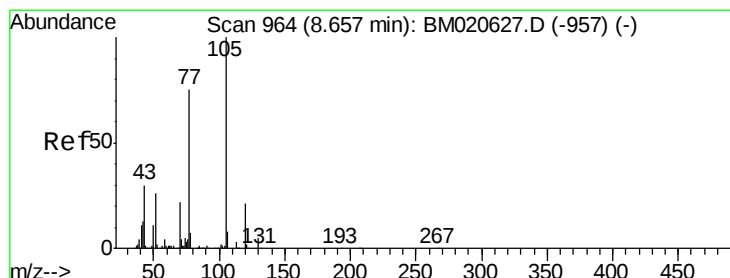
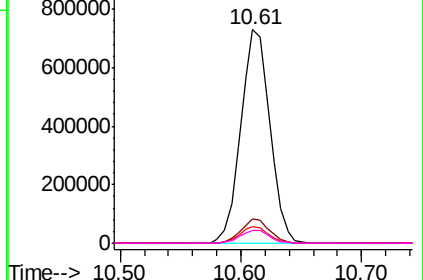
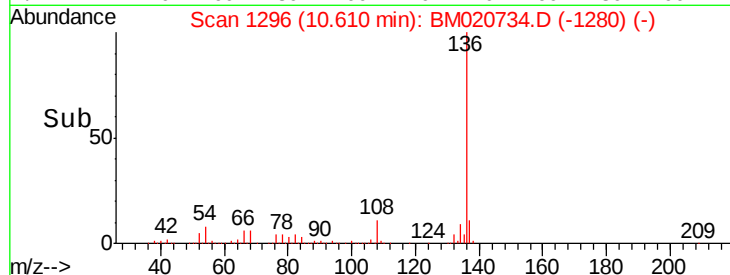


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 42.846 ng

RT: 8.65 min Scan# 962

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:105 Resp: 1340284

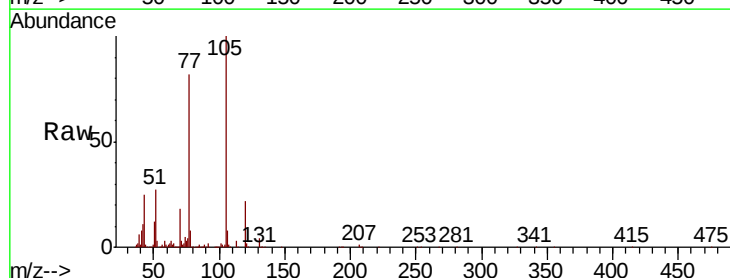
Ion Ratio Lower Upper

105 100

71 2.8 1.8 2.8#

51 26.9 20.9 31.3

120 22.4 17.6 26.4

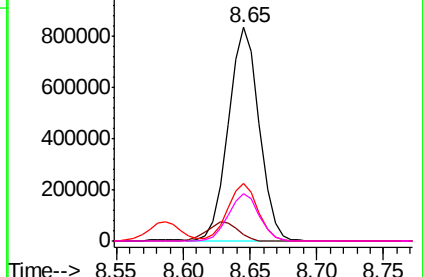
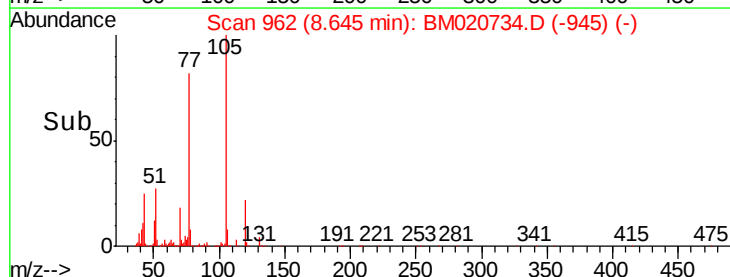


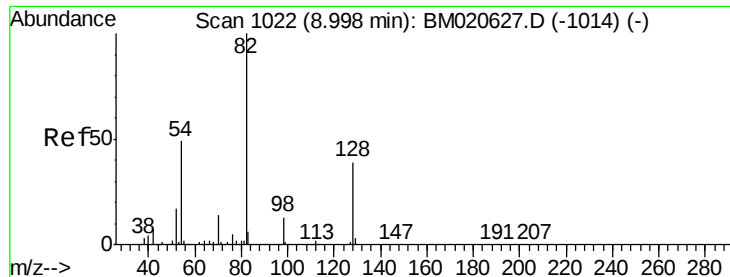
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.468 ng

RT: 8.99 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

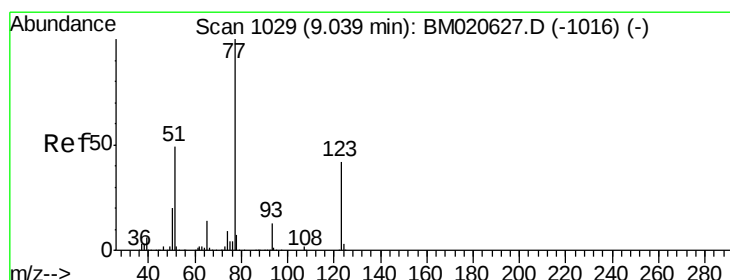
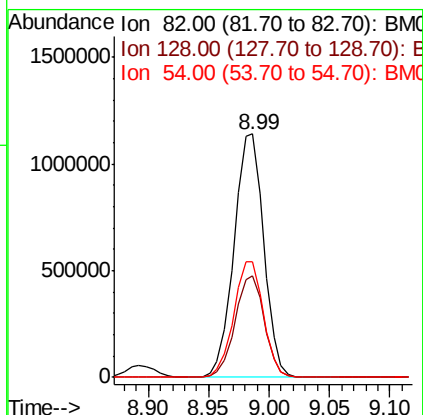
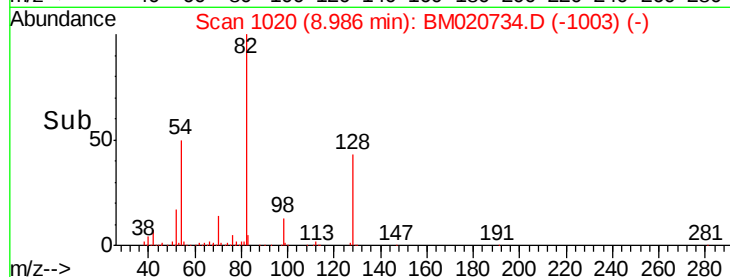
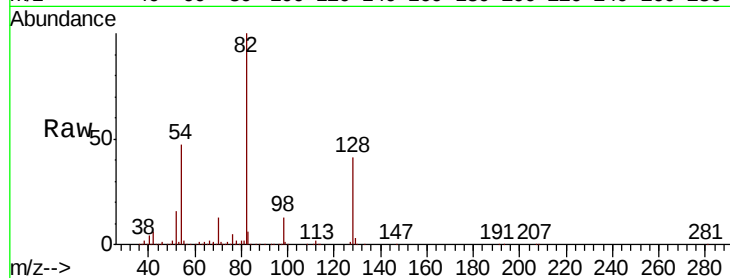
Tot Ion: 82 Resp: 1959952

Ion Ratio Lower Upper

82 100

128 41.5 33.2 49.8

54 47.5 37.7 56.5



#24

Nitrobenzene

Concen: 43.576 ng

RT: 9.03 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

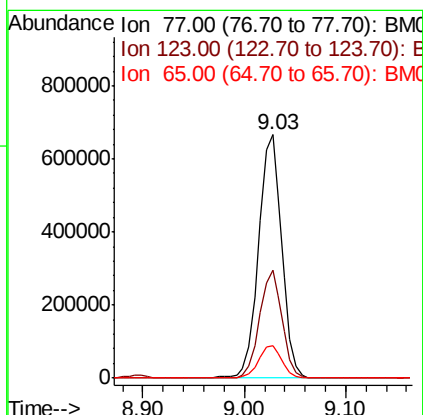
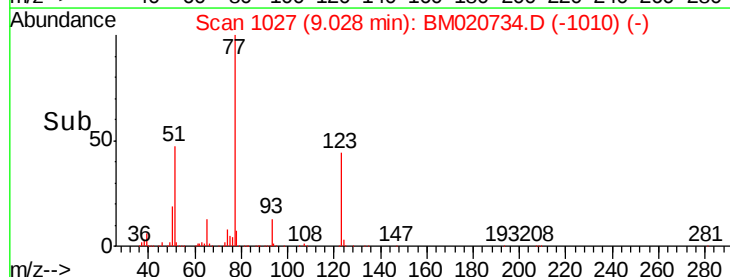
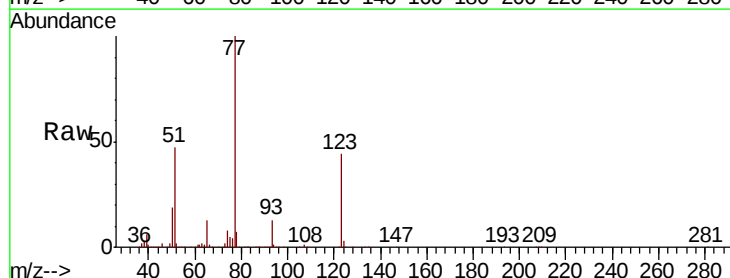
Tgt Ion: 77 Resp: 1057252

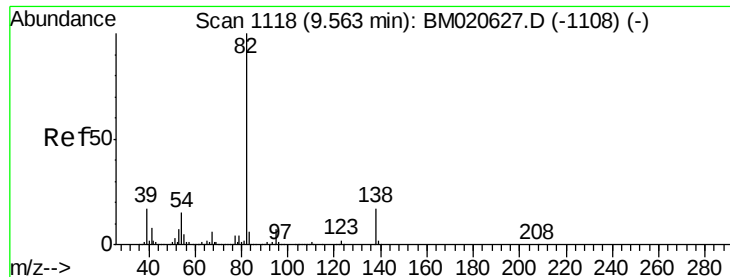
Ion Ratio Lower Upper

77 100

123 44.4 35.8 53.8

65 13.1 10.9 16.3





#25

Isophorone

Concen: 39.153 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

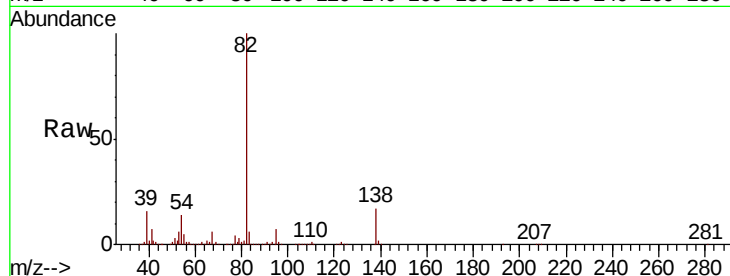
Tot Ion: 82 Resp: 1850979

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.0 14.5 21.7

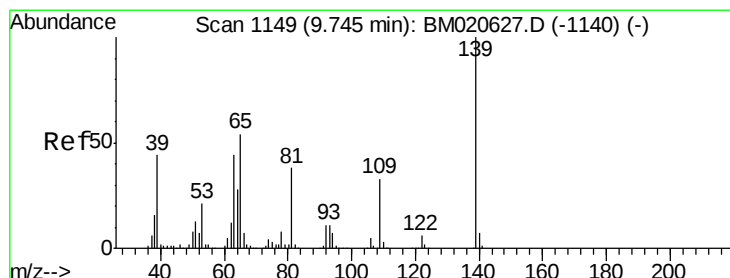
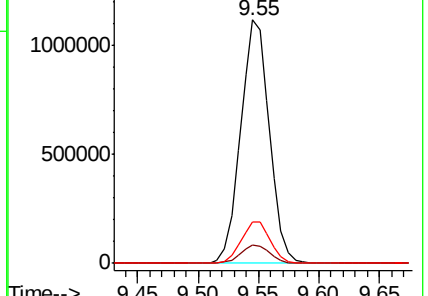
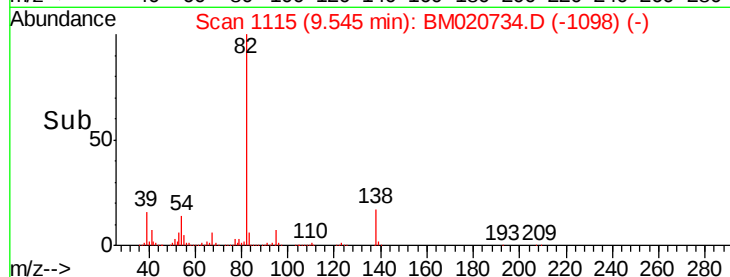


Abundance Ion 82.00 (81.70 to 82.70): BM020734.D (-1115) (-)

Ion 95.00 (94.70 to 95.70): BM020734.D (-1115) (-)

Ion 138.00 (137.70 to 138.70): BM020734.D (-1115) (-)

Time-->



#26

2-Nitrophenol

Concen: 49.486 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

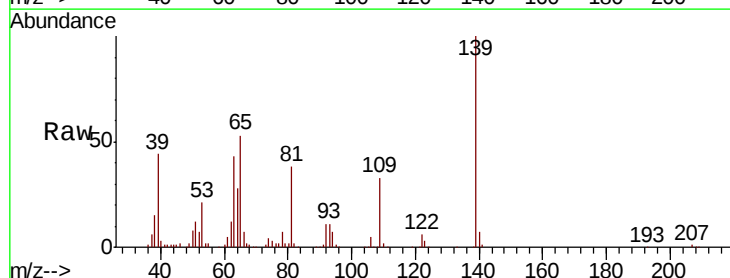
Tgt Ion: 139 Resp: 447473

Ion Ratio Lower Upper

139 100

109 33.1 26.8 40.2

65 52.9 42.6 63.8

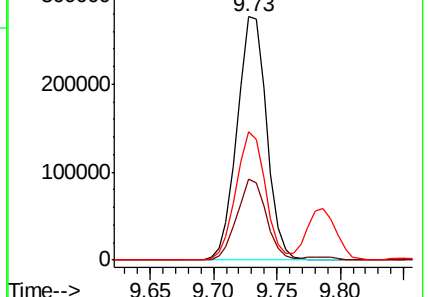
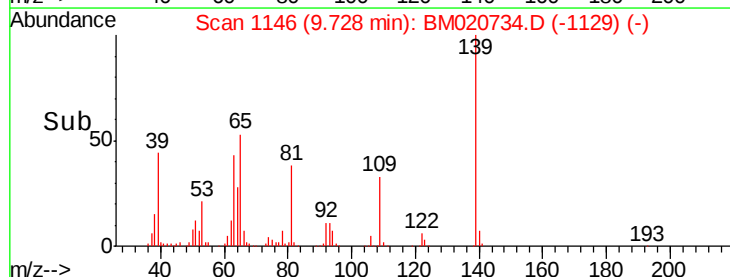


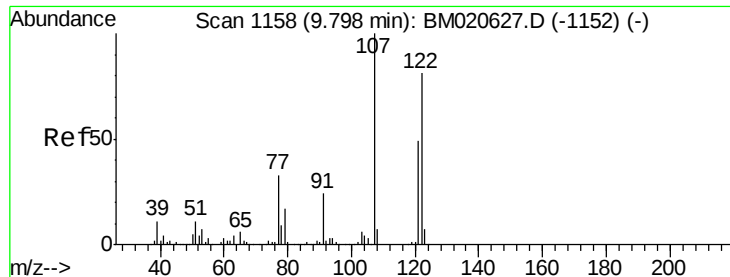
Abundance Ion 139.00 (138.70 to 139.70): BM020734.D (-1146) (-)

Ion 109.00 (108.70 to 109.70): BM020734.D (-1146) (-)

Ion 65.00 (64.70 to 65.70): BM020734.D (-1146) (-)

Time-->

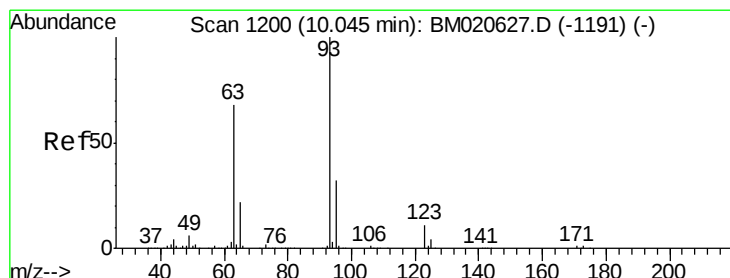
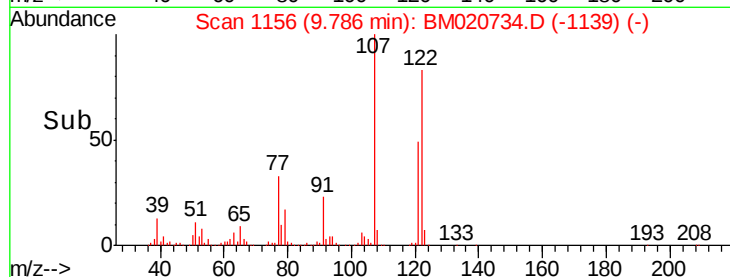
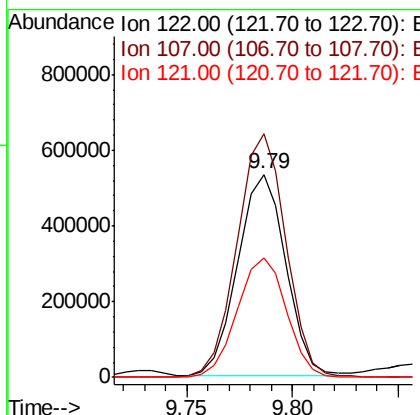
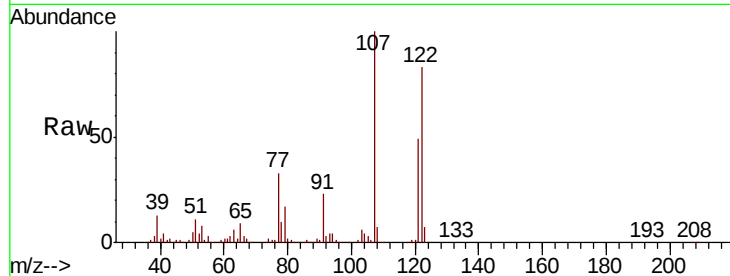




#27
 2,4-Dimethylphenol
 Concen: 49.410 ng
 RT: 9.79 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

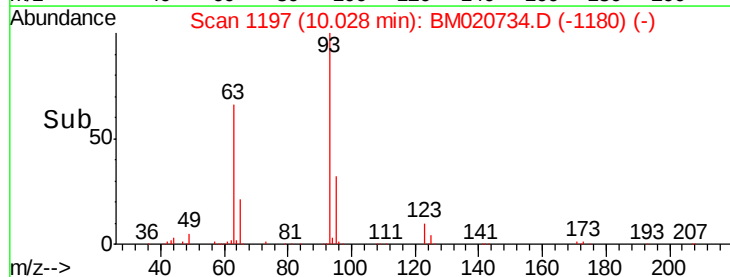
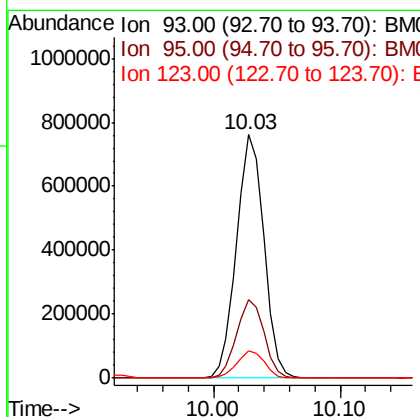
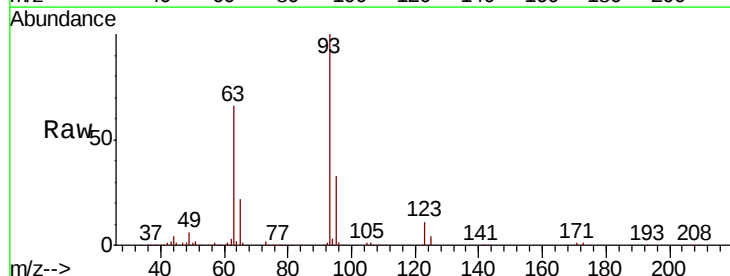
Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

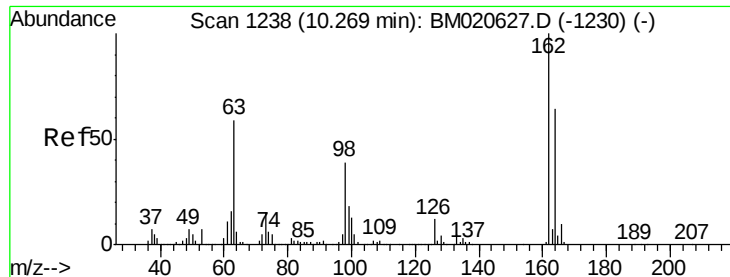
Tot Ion:122 Resp: 837193
 Ion Ratio Lower Upper
 122 100
 107 120.1 97.8 146.6
 121 58.9 48.5 72.7



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

Tgt Ion: 93 Resp: 1145368
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.4 38.0
 123 11.1 8.8 13.2

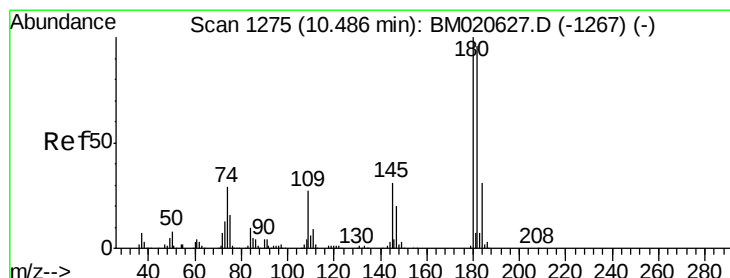
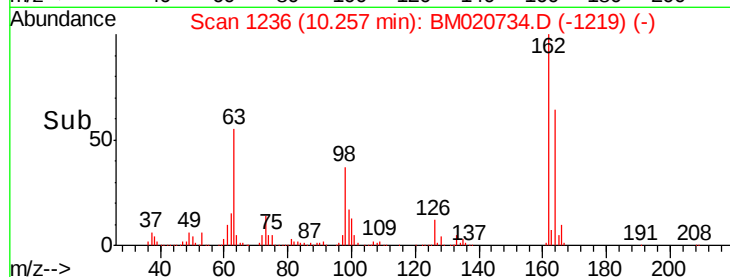
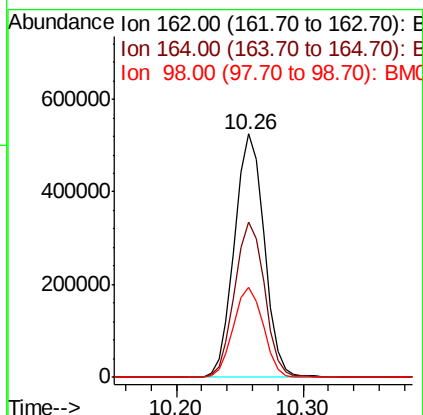
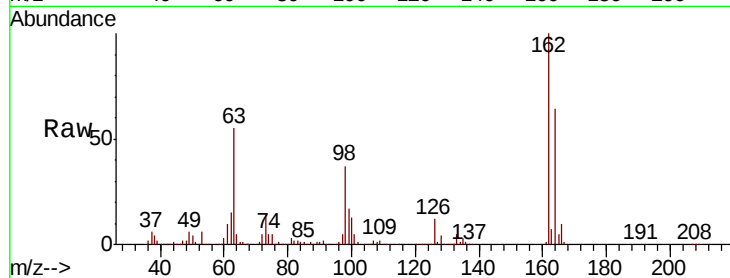




#29
2,4-Dichlorophenol
Concen: 45.579 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

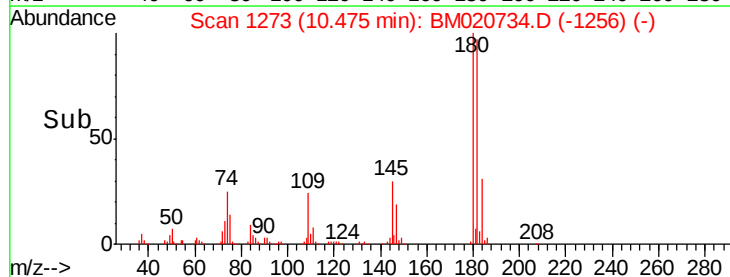
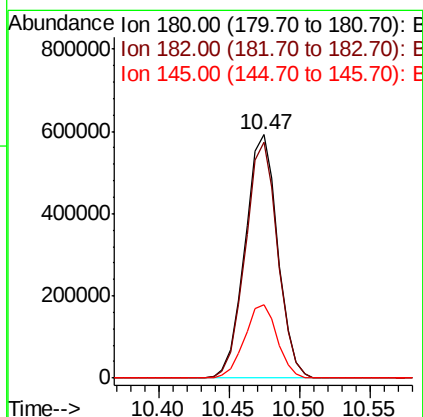
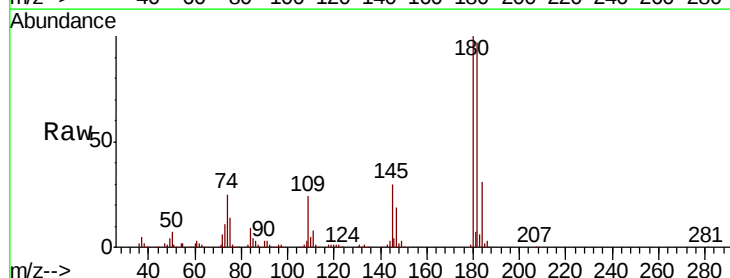
Instrument :
BNA_M
ClientSampleId :
PB119779BS

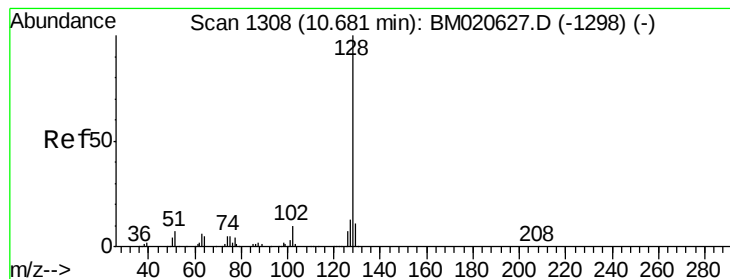
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.5	85.5
98	36.8	16.7	56.7



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

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

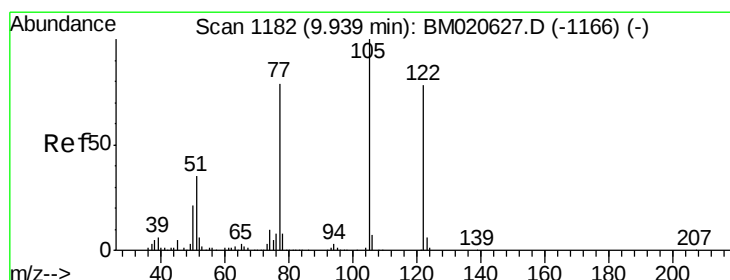
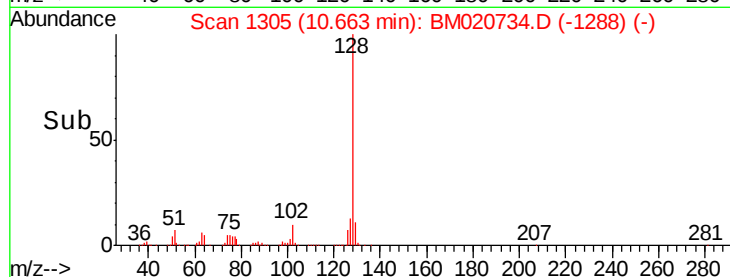
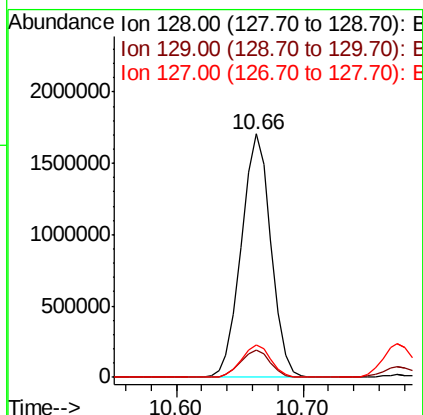
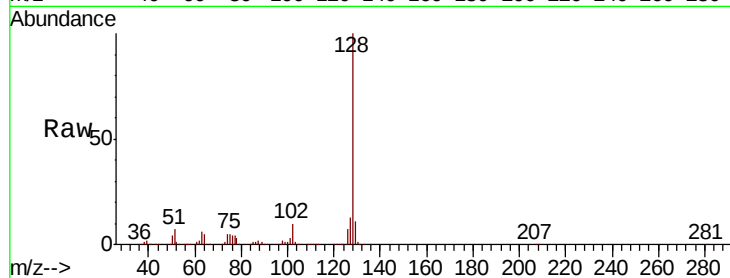




#31
Naphthalene
Concen: 43.649 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

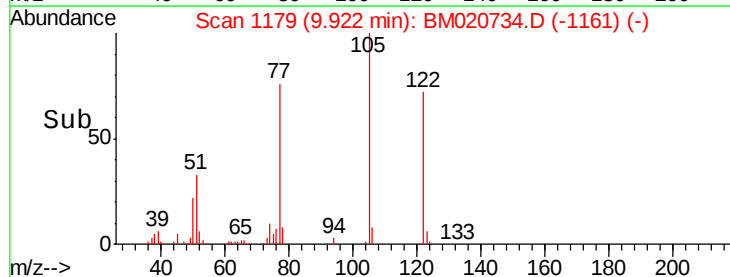
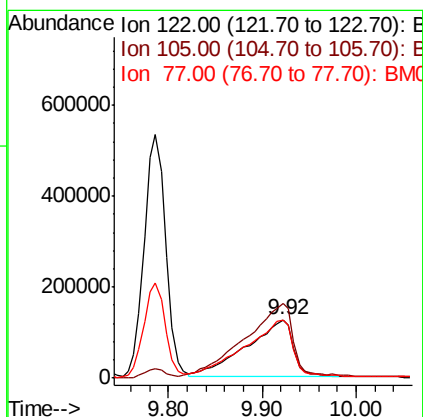
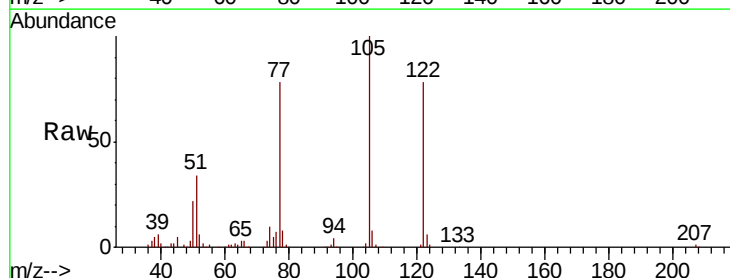
Instrument :
BNA_M
ClientSampleId :
PB119779BS

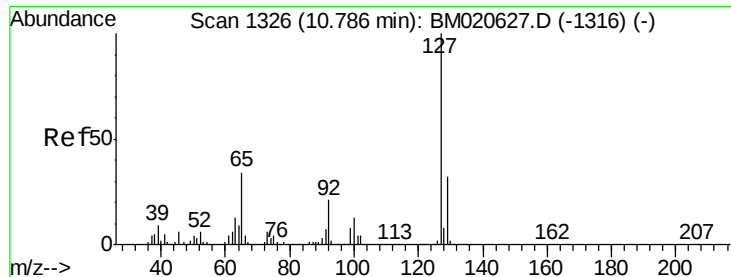
Tot Ion:128 Resp: 2763904
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.5 15.7



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

Tgt Ion:122 Resp: 425036
Ion Ratio Lower Upper
122 100
105 128.0 108.0 148.0
77 100.1 82.2 122.2

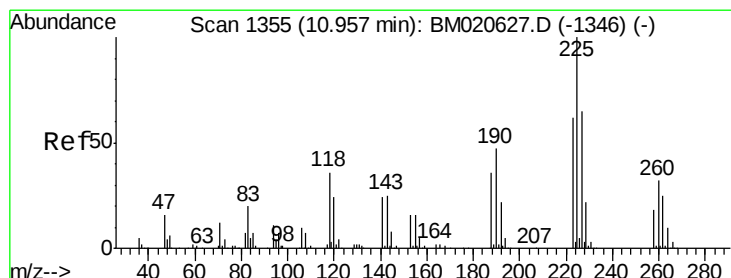
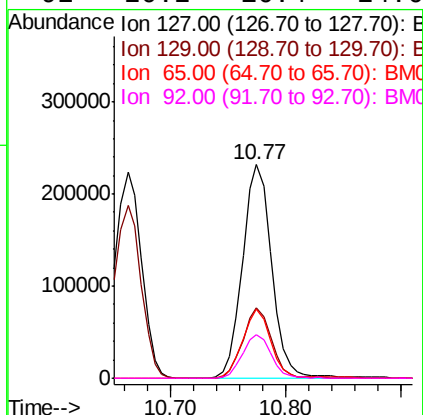
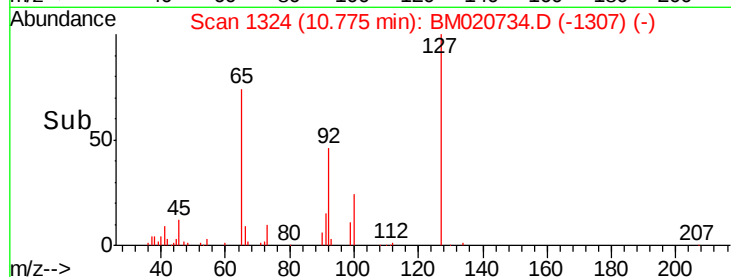
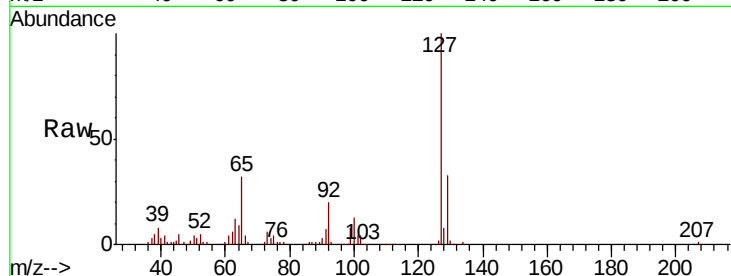




#33
4-Chloroaniline
Concen: 13.770 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

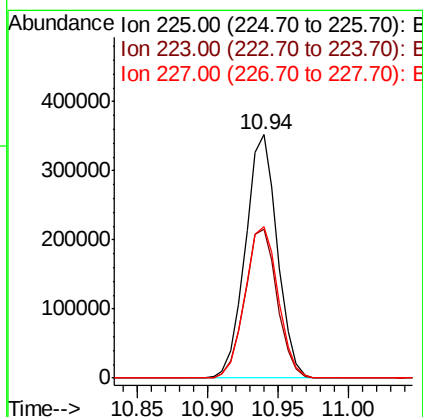
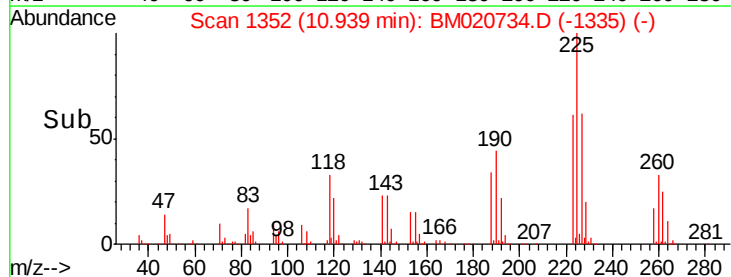
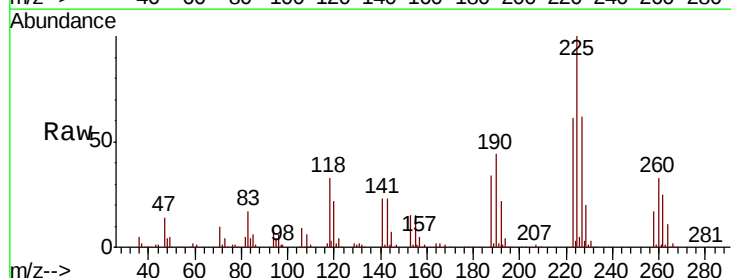
Instrument :
BNA_M
ClientSampleId :
PB119779BS

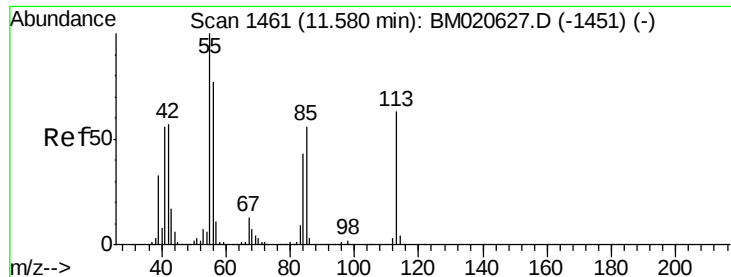
Tot Ion:	127	Resp:	405777
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	32.2	25.3	37.9
92	20.2	16.4	24.6



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

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





#35

Caprolactam

Concen: 31.468 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

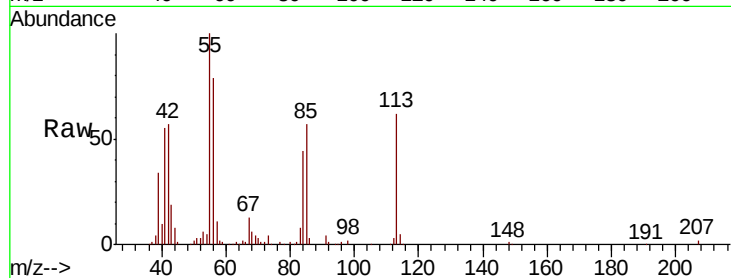
Tot Ion:113 Resp: 204936

Ion Ratio Lower Upper

113 100

55 160.4 141.1 181.1

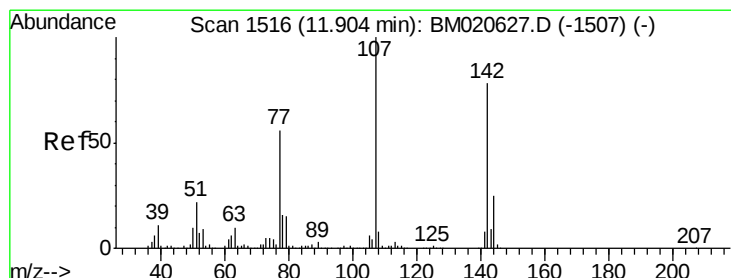
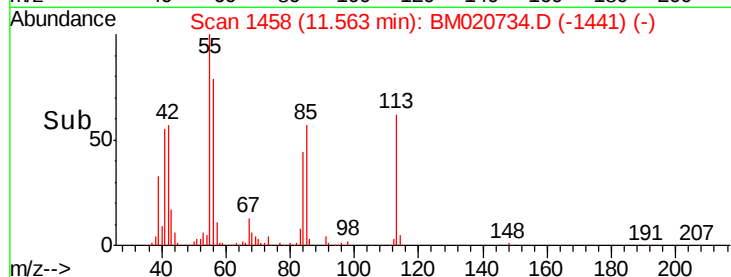
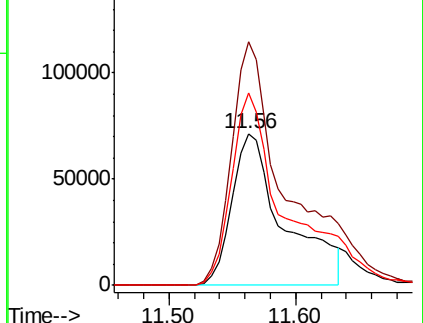
56 127.1 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.373 ng

RT: 11.89 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

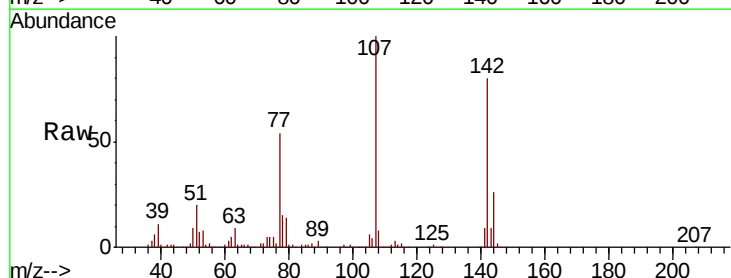
Tgt Ion:107 Resp: 858152

Ion Ratio Lower Upper

107 100

144 25.9 20.6 31.0

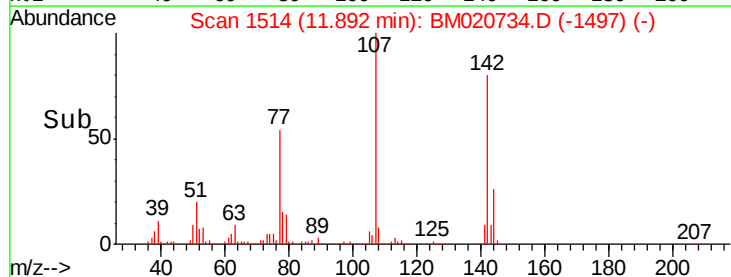
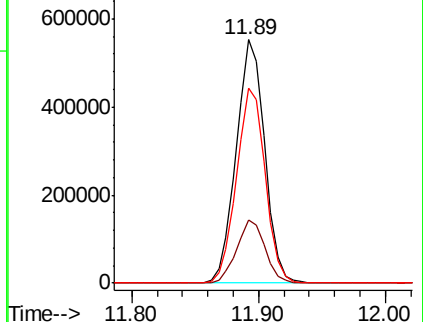
142 79.9 63.3 94.9

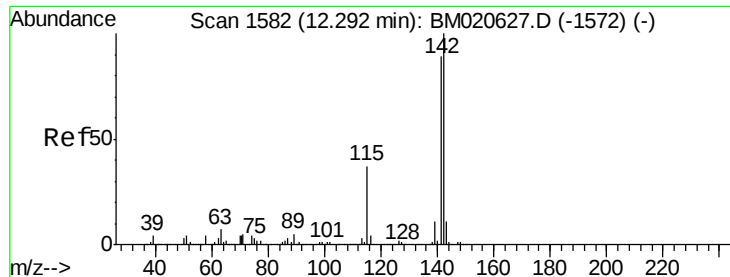


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

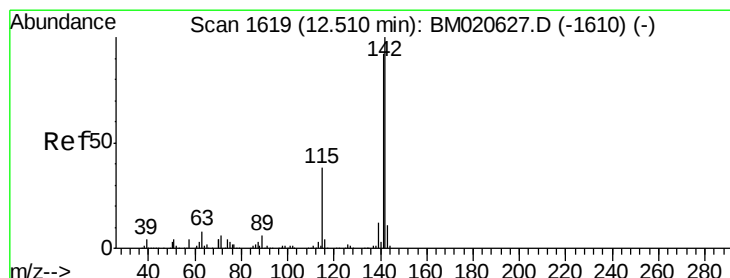
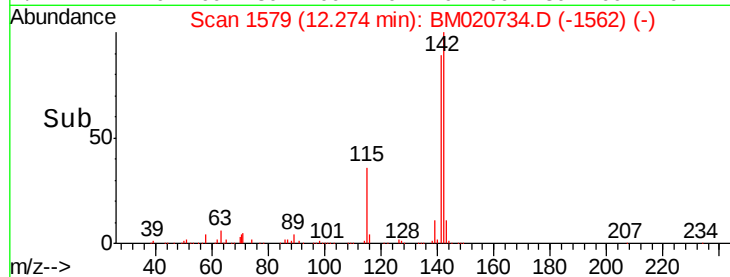
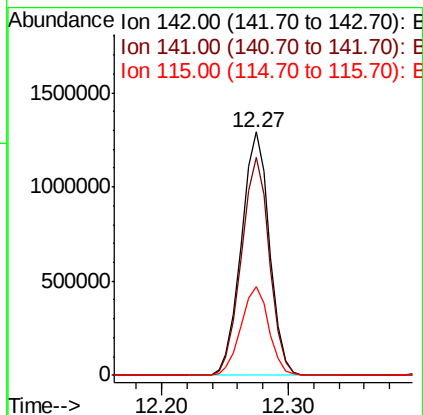
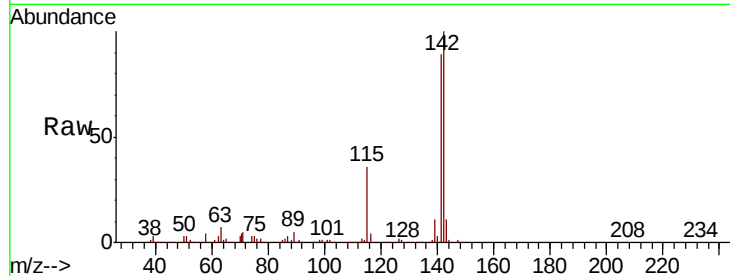




#37
2-Methylnaphthalene
Concen: 42.331 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

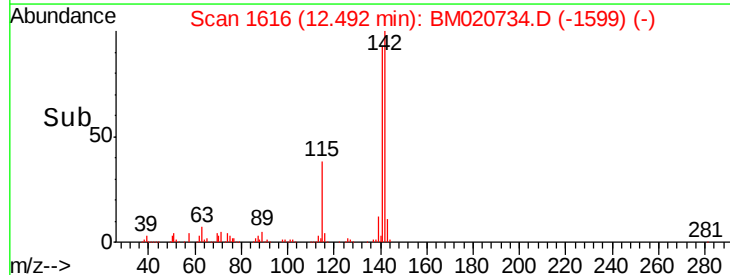
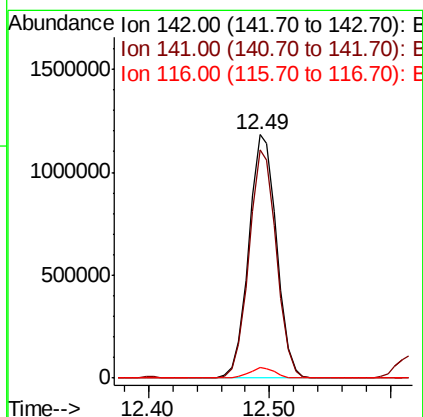
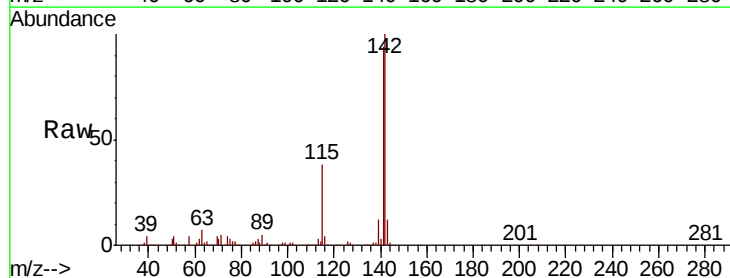
Instrument :
BNA_M
ClientSampleId :
PB119779BS

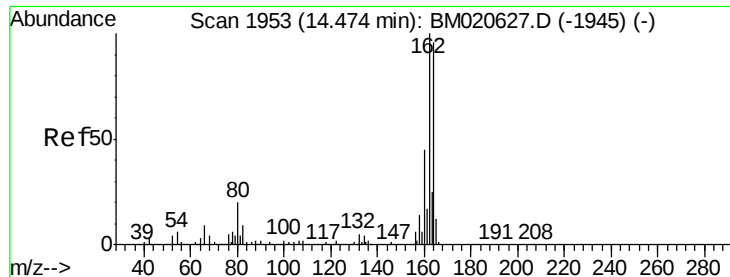
Tot Ion:142 Resp: 1986798
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0
115 36.3 28.2 42.4



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

Tgt Ion:142 Resp: 1890817
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

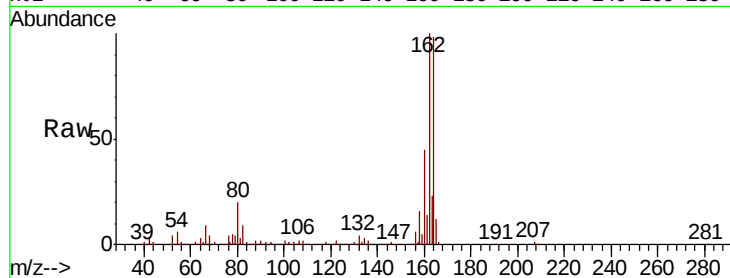
Tot Ion:164 Resp: 639318

Ion Ratio Lower Upper

164 100

162 102.4 83.5 125.3

160 45.6 37.2 55.8

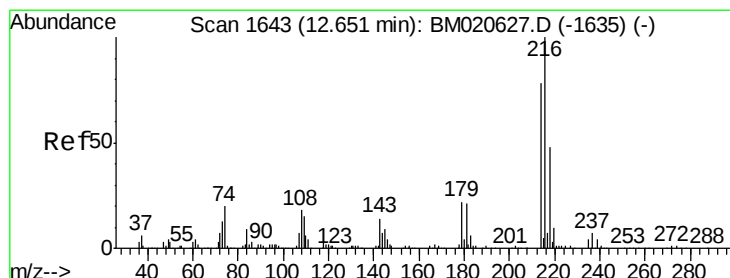
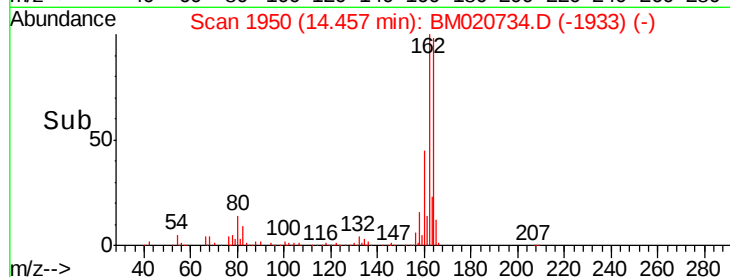
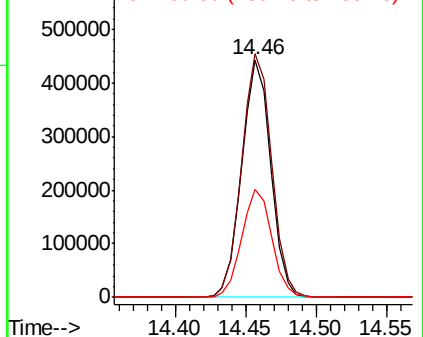


Abundance

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: 48.945 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Tgt Ion:216 Resp: 1025448

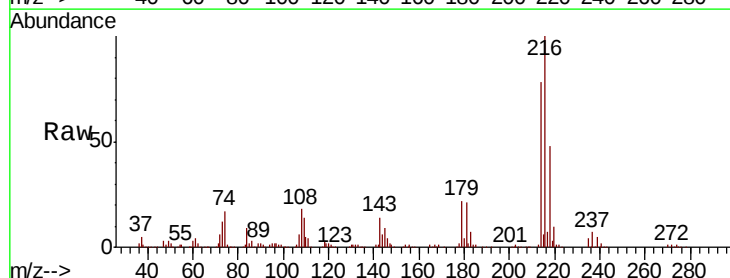
Ion Ratio Lower Upper

216 100

214 78.2 63.1 94.7

179 21.8 17.3 25.9

108 20.7 14.6 22.0



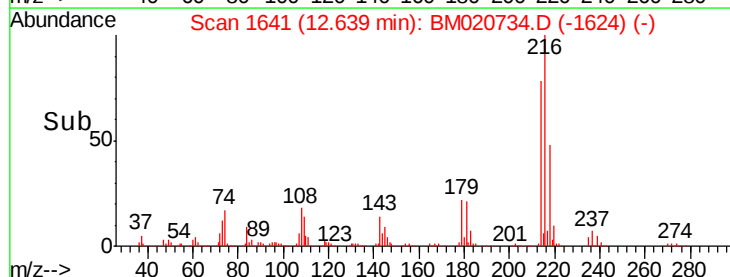
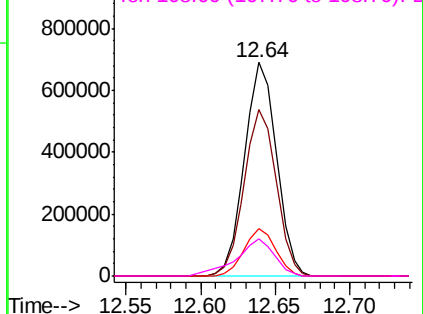
Abundance

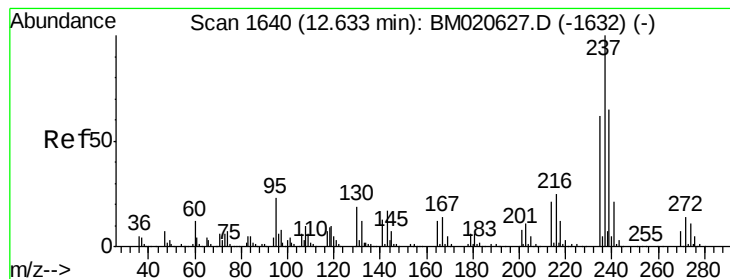
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.098 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

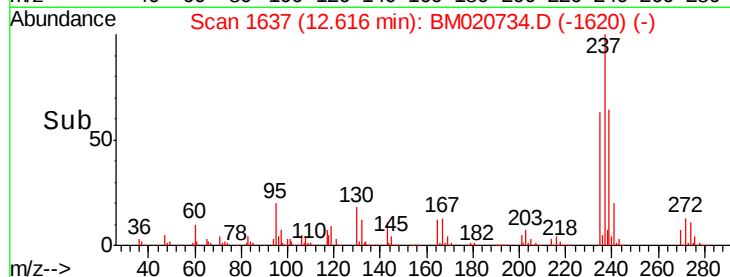
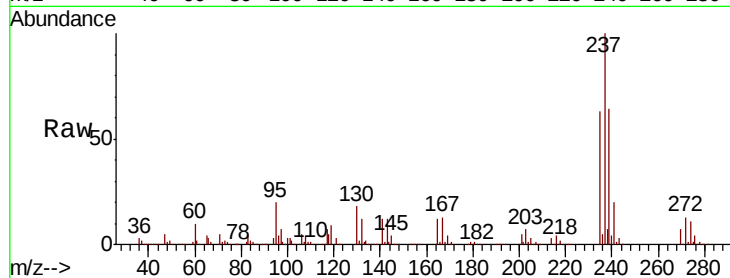
Tot Ion:237 Resp: 1304376

Ion Ratio Lower Upper

237 100

235 62.6 41.7 81.7

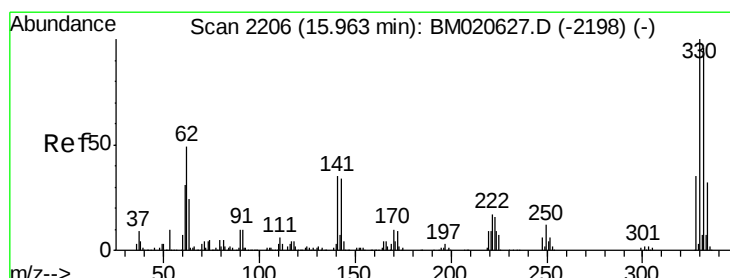
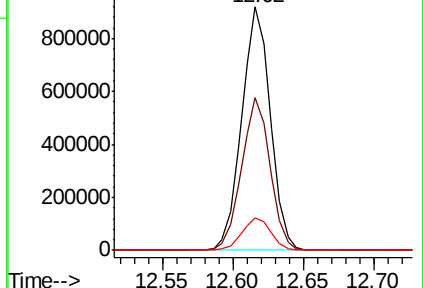
272 13.1 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.835 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

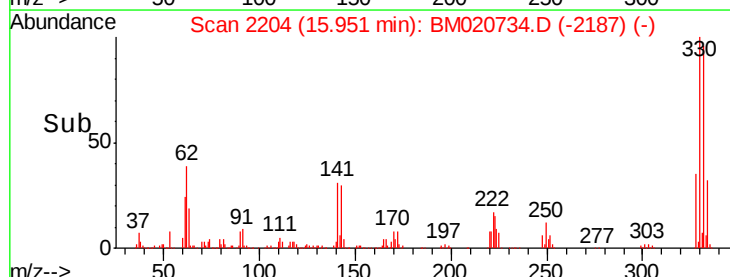
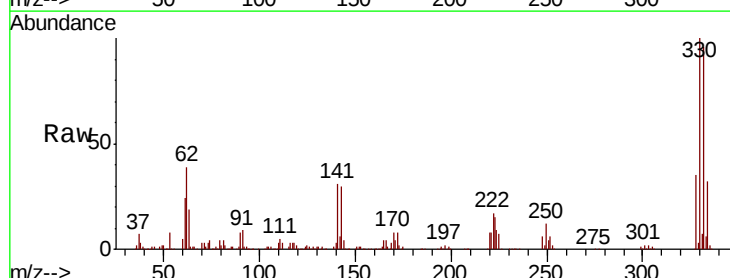
Tgt Ion:330 Resp: 1060120

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

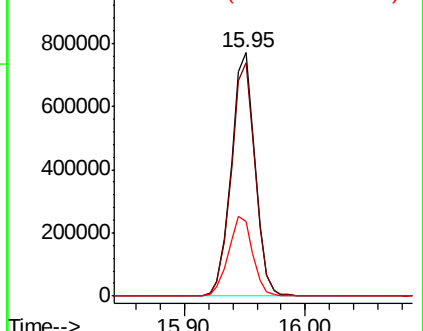
141 33.4 27.7 41.5

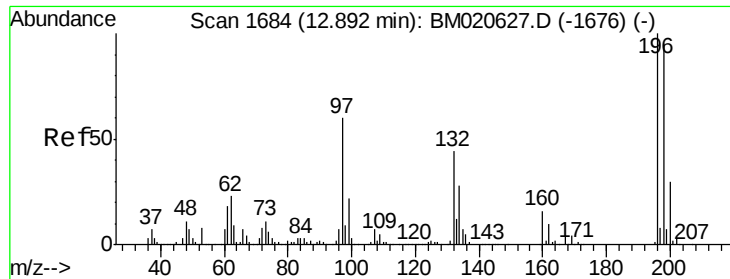


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

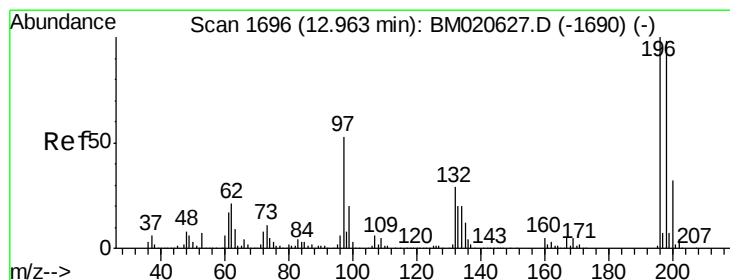
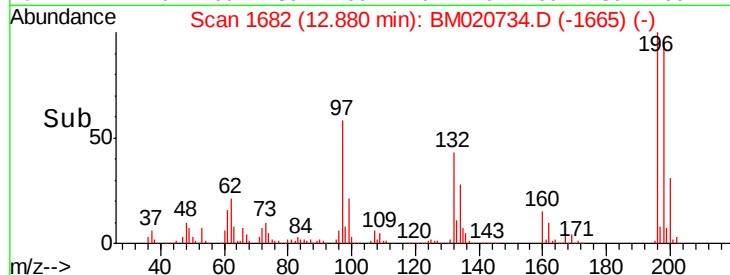
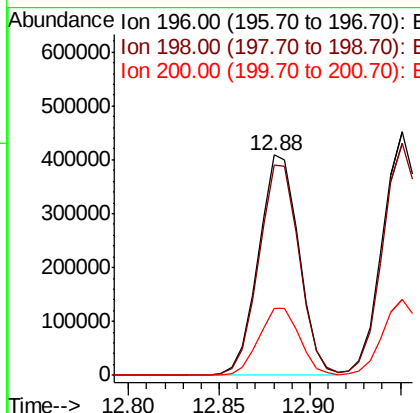
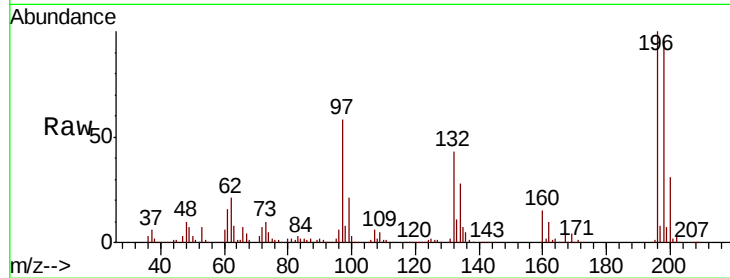




#43
 2,4,6-Trichlorophenol
 Concen: 47.027 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

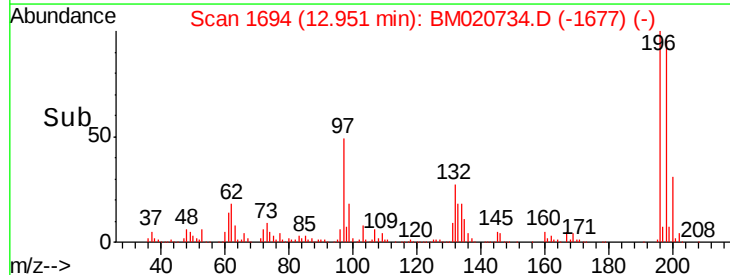
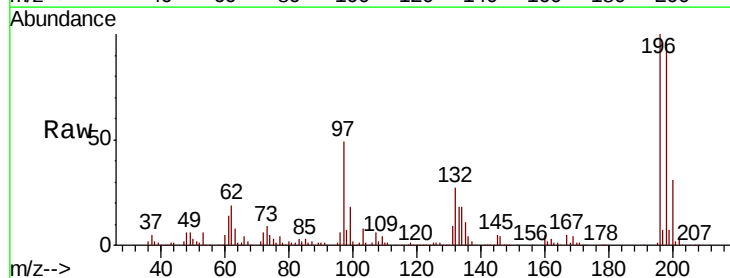
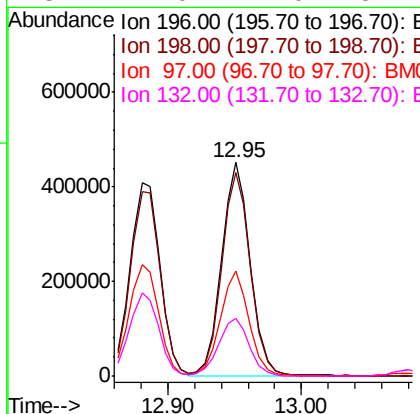
Instrument :
 BNA_M
 ClientSampleID :
 PB119779BS

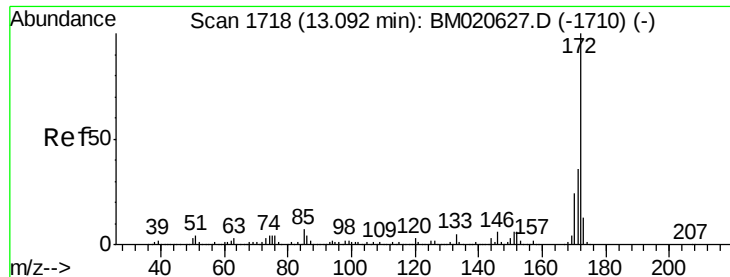
Tot Ion:196 Resp: 634201
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.4 114.6
 200 30.5 24.6 37.0



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

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

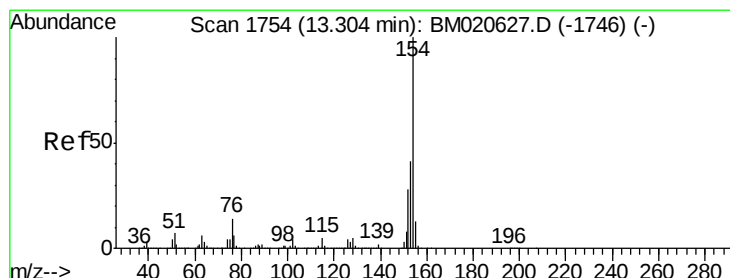
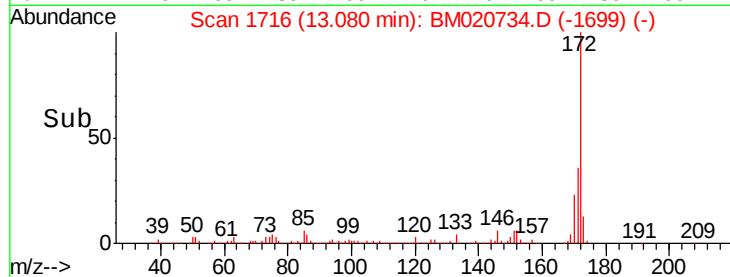
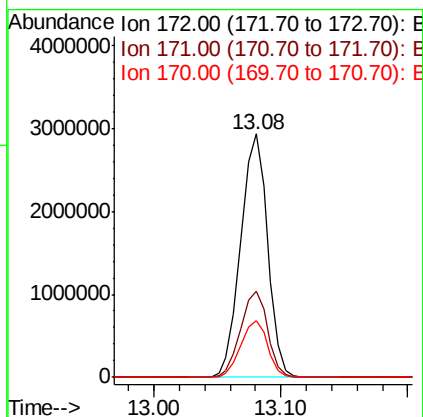
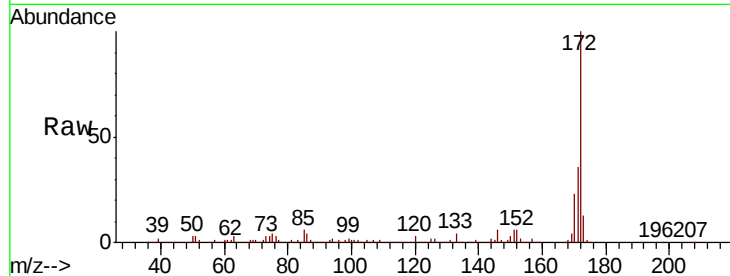




#45
2-Fluorobiphenyl
Concen: 89.595 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

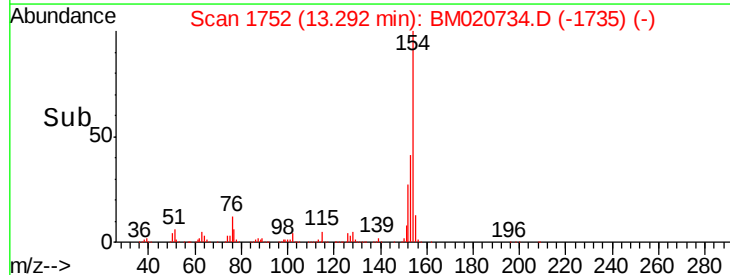
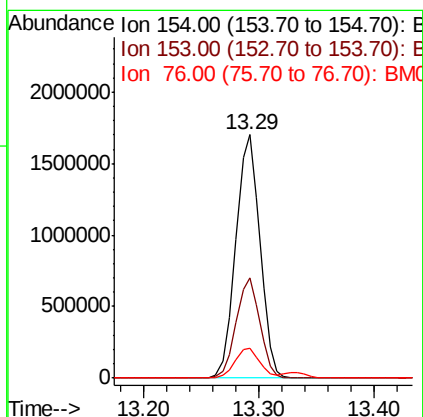
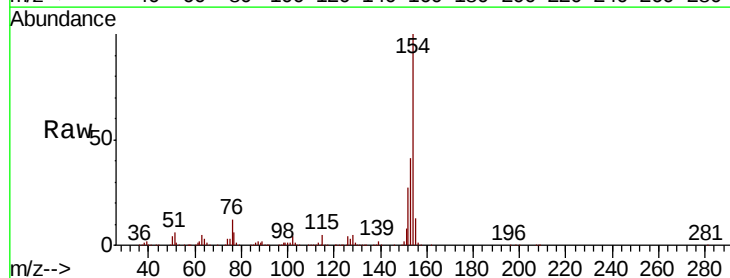
Instrument :
BNA_M
ClientSampleId :
PB119779BS

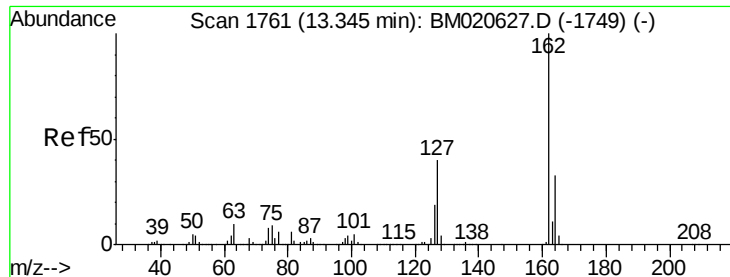
Tot Ion:172 Resp: 4308541
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.4 18.5 27.7



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

Tgt Ion:154 Resp: 2459176
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.3 0.0 32.5

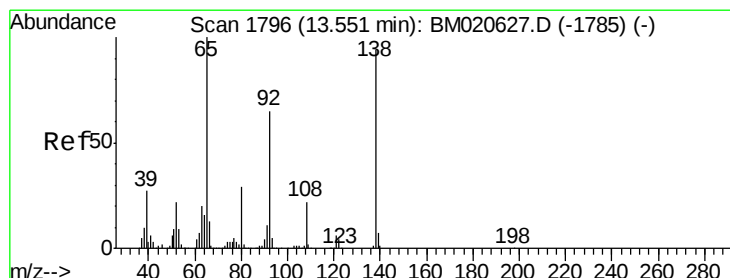
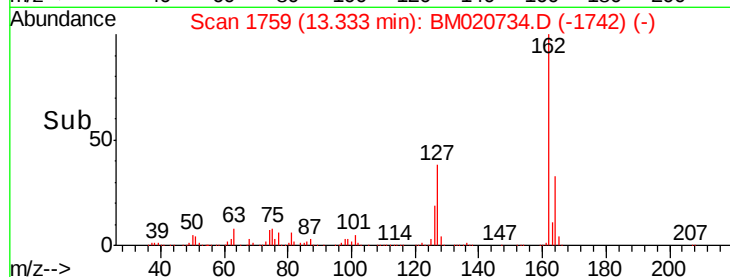
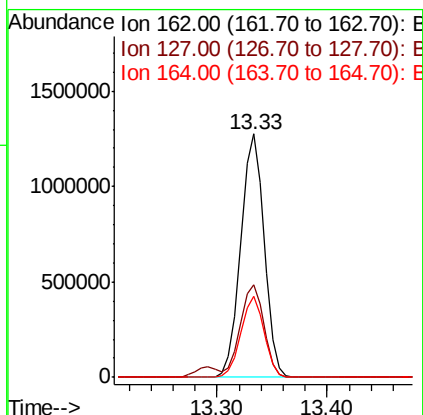
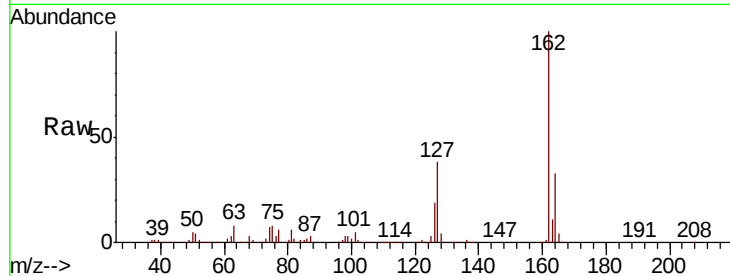




#47
 2-Chloronaphthalene
 Concen: 44.290 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

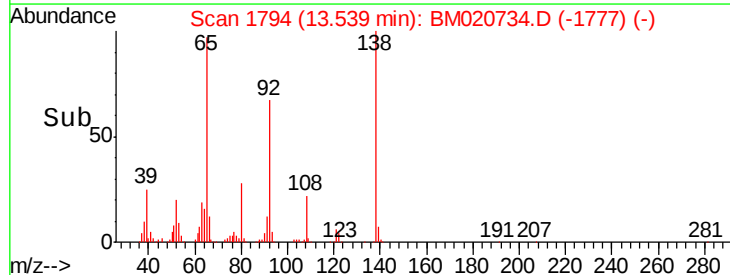
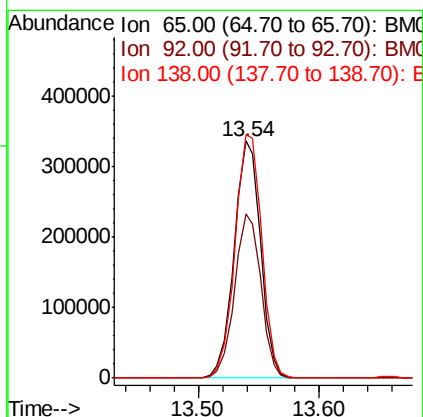
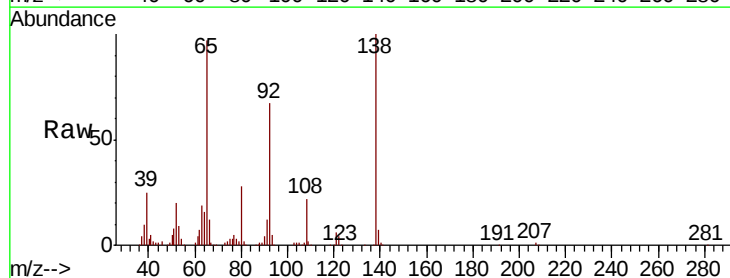
Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

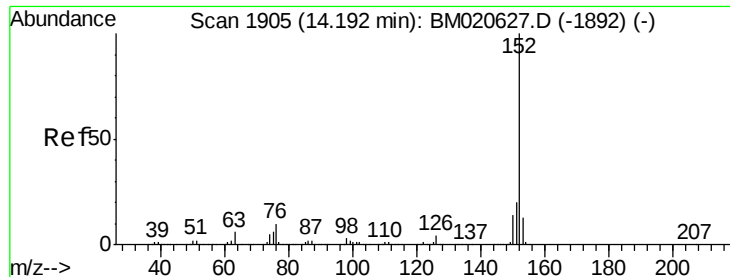
Tot Ion:162 Resp: 1908624
 Ion Ratio Lower Upper
 162 100
 127 38.2 31.1 46.7
 164 33.3 26.1 39.1



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

Tgt Ion: 65 Resp: 512521
 Ion Ratio Lower Upper
 65 100
 92 69.2 55.2 82.8
 138 102.8 82.6 124.0





#49

Acenaphthylene

Concen: 43.788 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

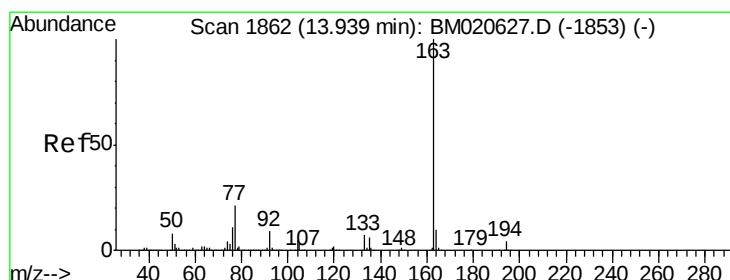
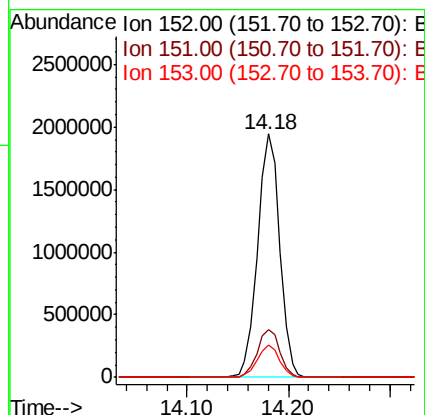
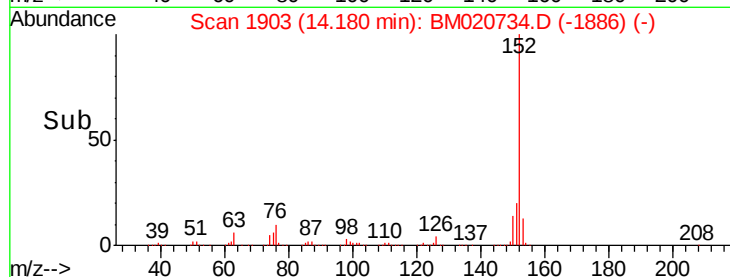
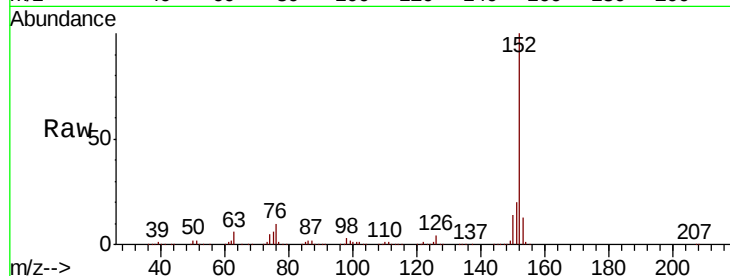
Tot Ion:152 Resp: 2944242

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 40.085 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

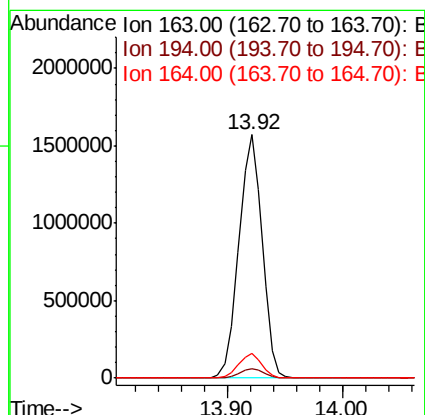
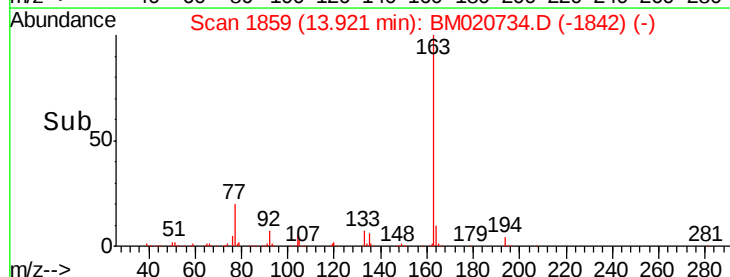
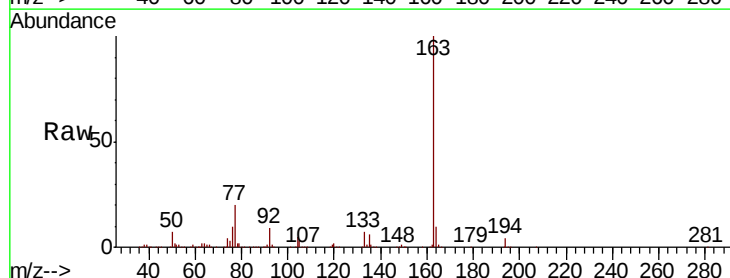
Tgt Ion:163 Resp: 2189440

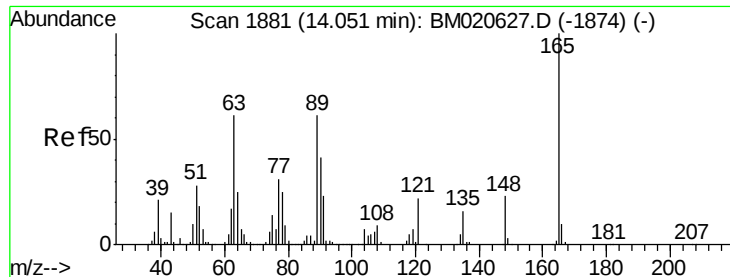
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.300 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

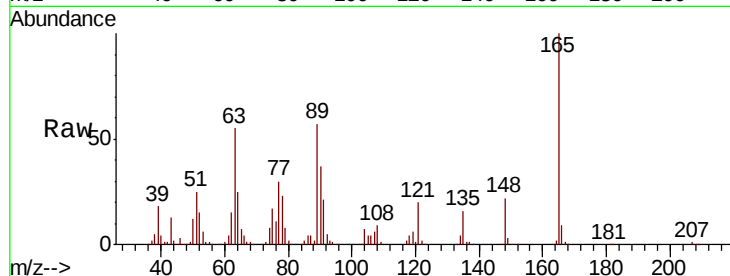
Tot Ion:165 Resp: 469139

Ion Ratio Lower Upper

165 100

63 55.2 45.0 67.6

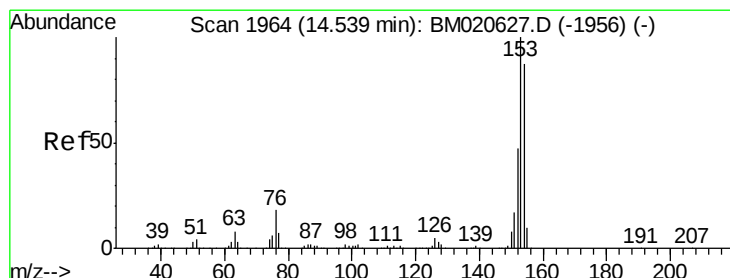
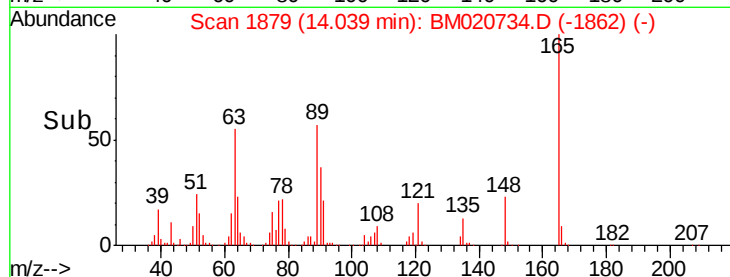
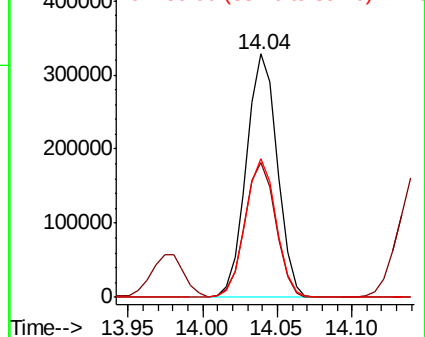
89 56.7 43.5 65.3



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: 42.889 ng

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

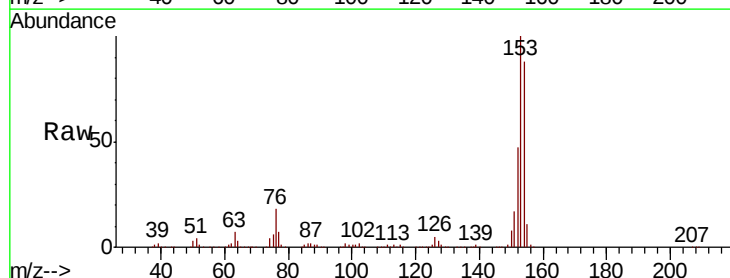
Tgt Ion:154 Resp: 1718579

Ion Ratio Lower Upper

154 100

153 113.2 90.6 135.8

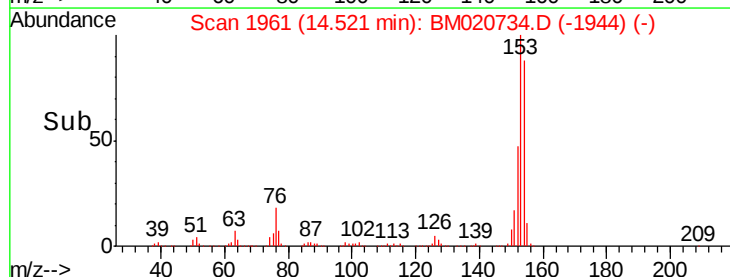
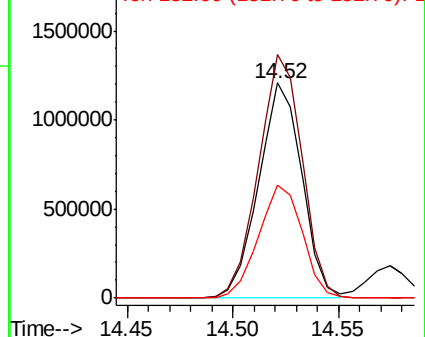
152 52.7 42.6 63.8

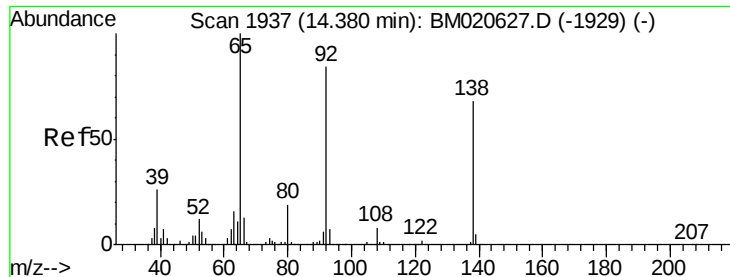


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.670 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

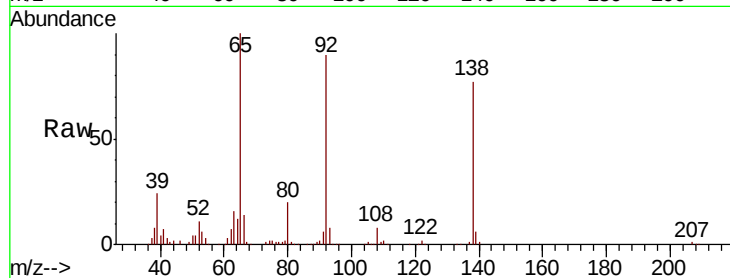
Tot Ion:138 Resp: 280636

Ion Ratio Lower Upper

138 100

108 10.5 8.9 13.3

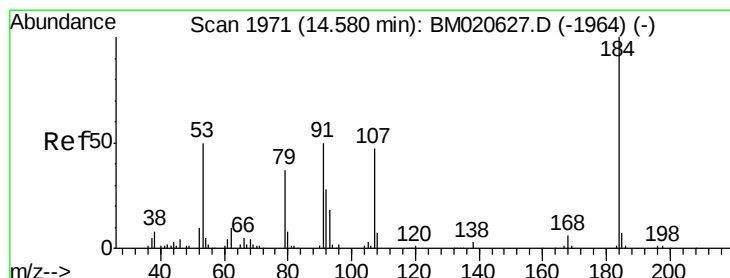
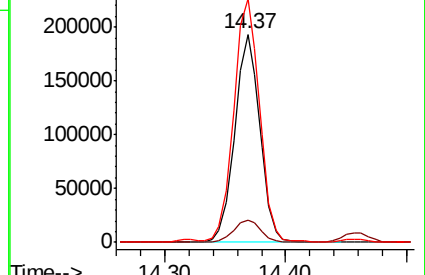
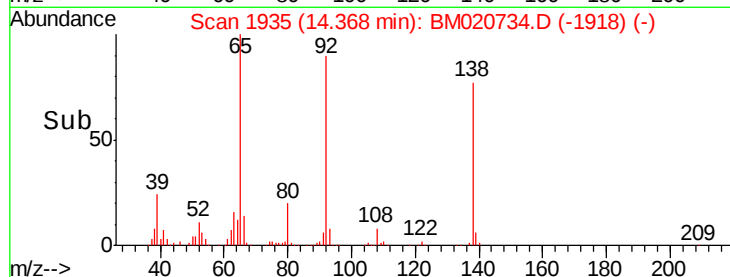
92 117.1 95.2 142.8



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: 77.349 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

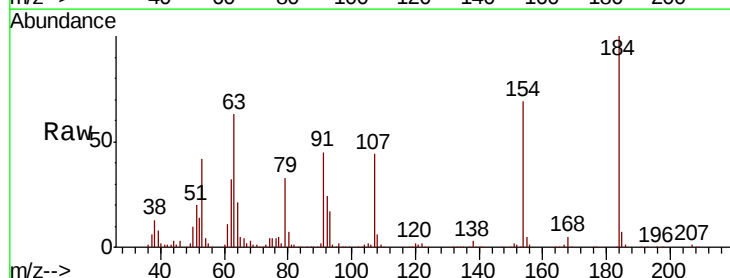
Tgt Ion:184 Resp: 367790

Ion Ratio Lower Upper

184 100

63 62.8 49.8 74.8

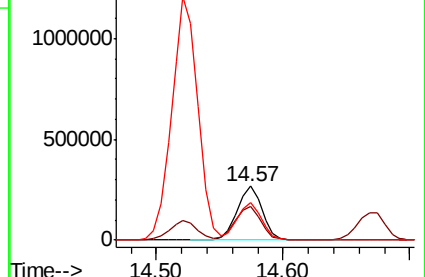
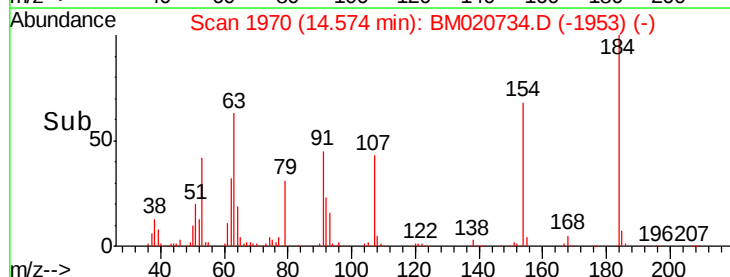
154 68.6 55.4 83.2

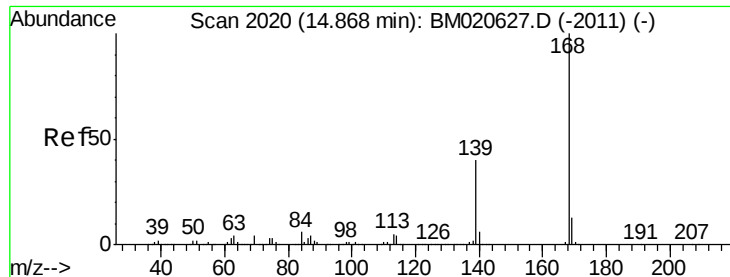


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

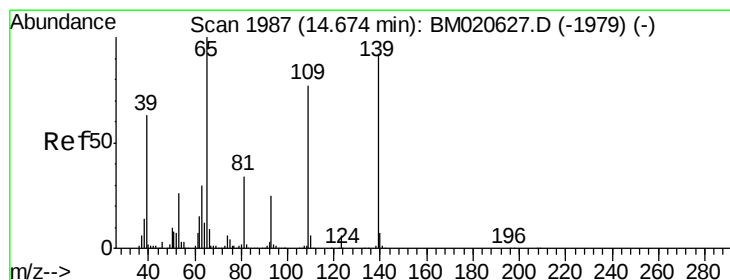
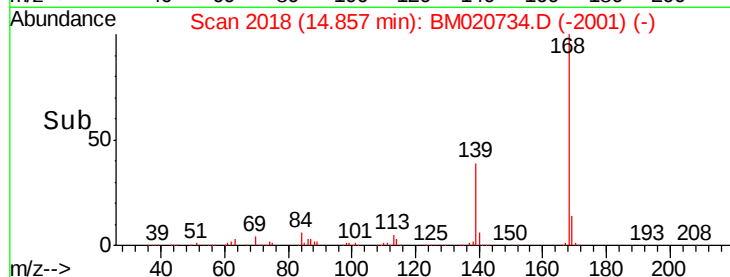
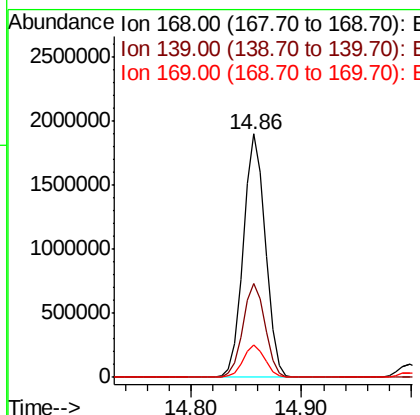
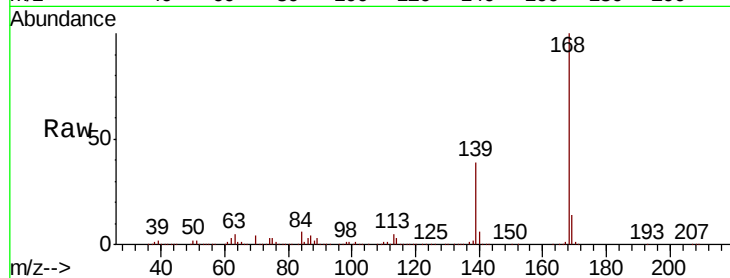




#55
Dibenzenofuran
Concen: 42.890 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

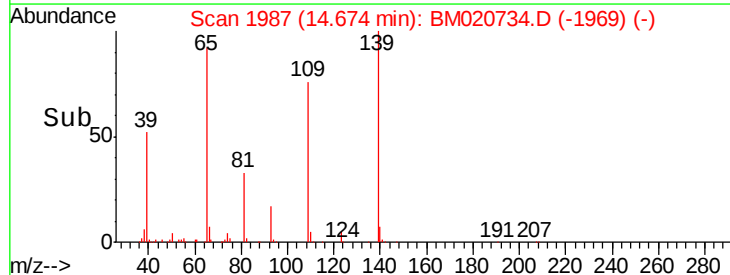
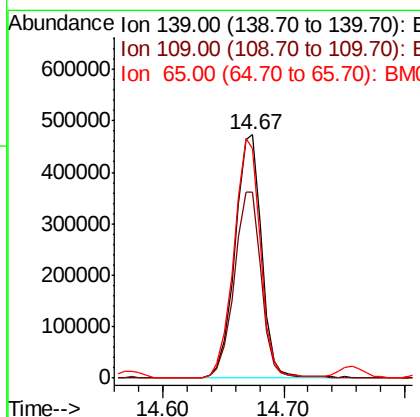
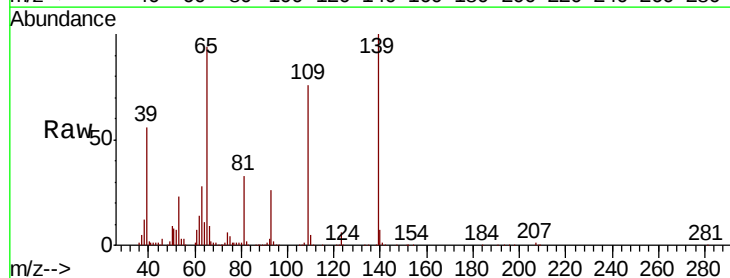
Instrument :
BNA_M
ClientSampleId :
PB119779BS

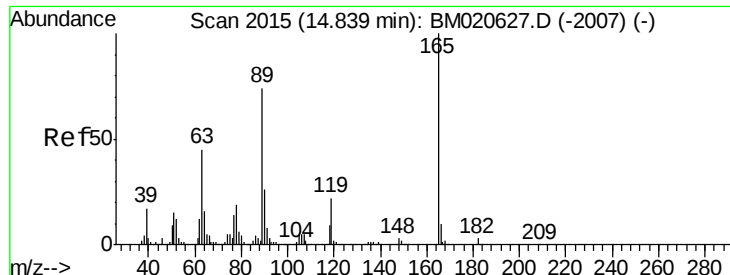
Tot Ion:168 Resp: 2669216
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 13.6 10.6 15.8



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

Tgt Ion:139 Resp: 727034
Ion Ratio Lower Upper
139 100
109 76.2 58.0 98.0
65 94.3 78.3 118.3

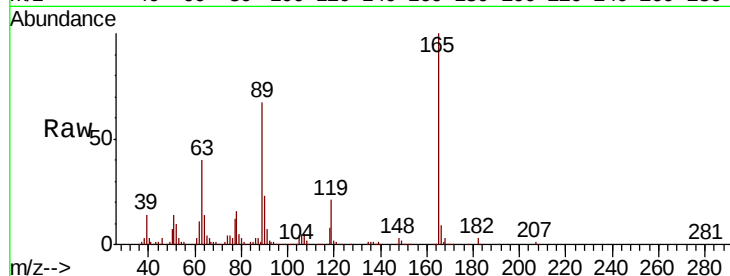




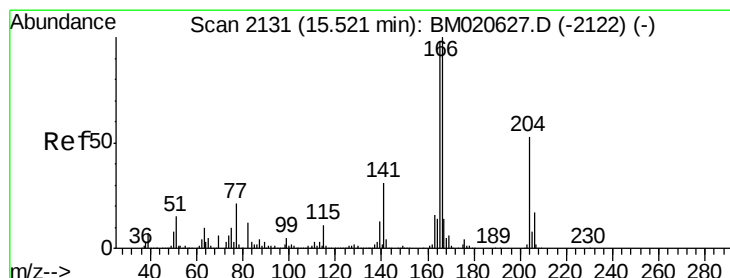
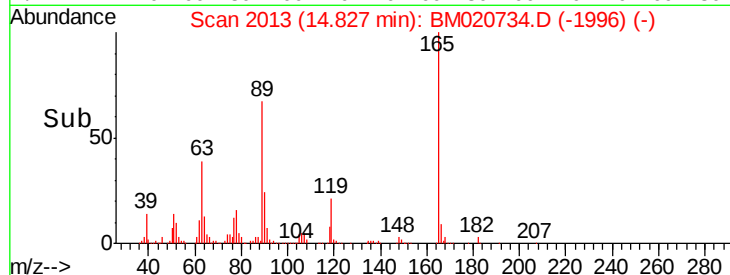
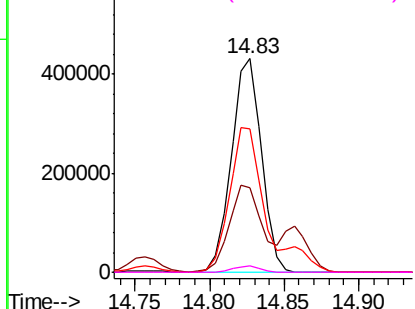
#57
2,4-Dinitrotoluene
Concen: 40.923 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

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

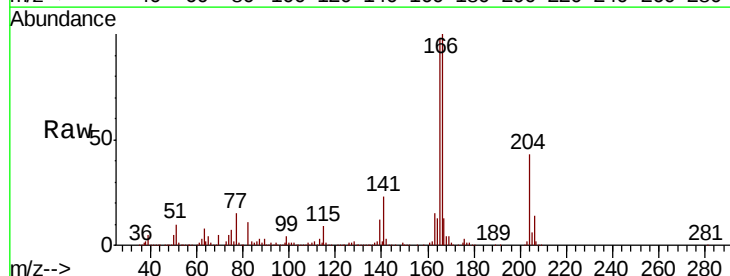


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

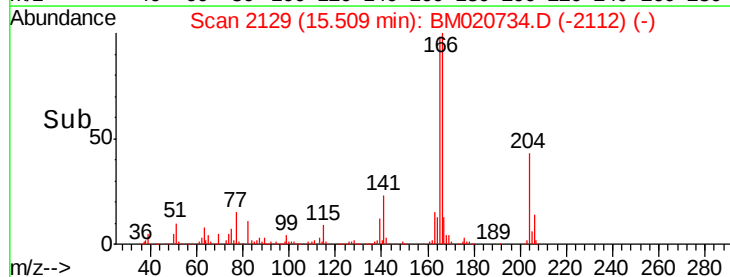
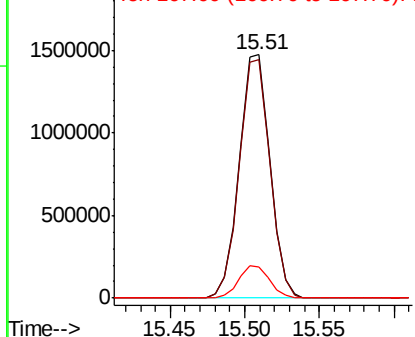


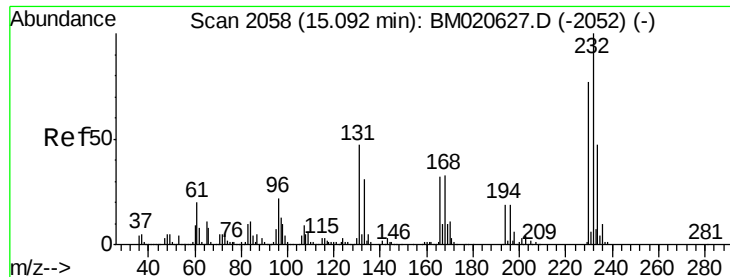
#58
Fluorene
Concen: 41.120 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

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



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

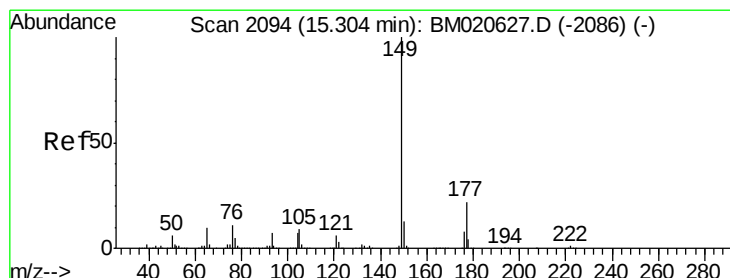
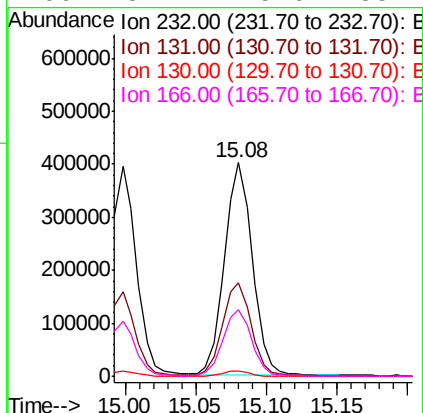
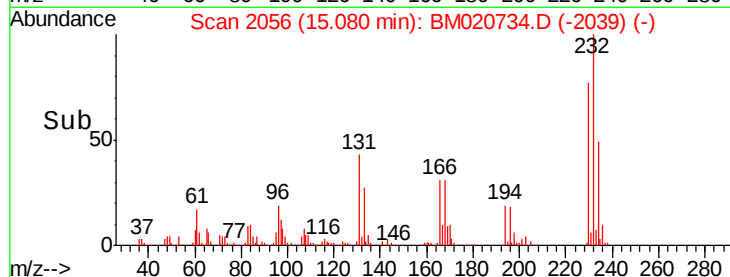
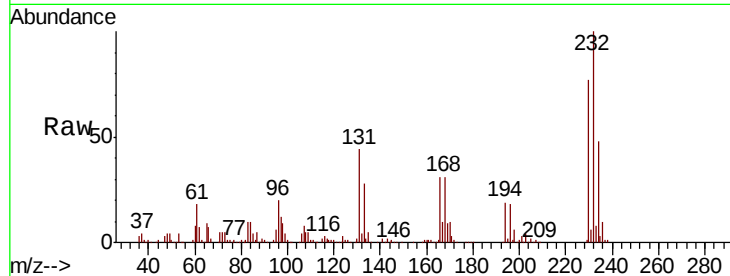




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.496 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

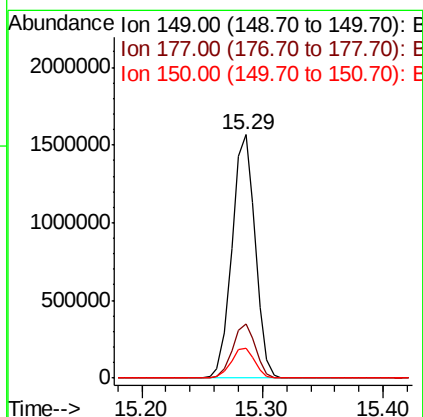
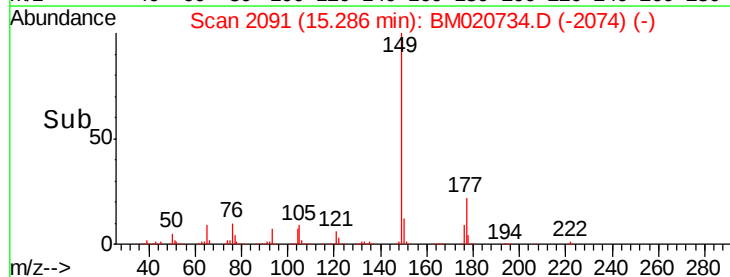
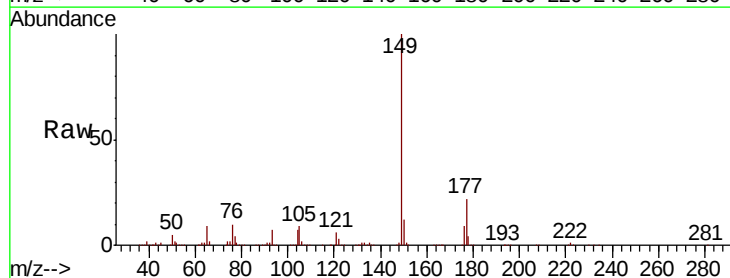
Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

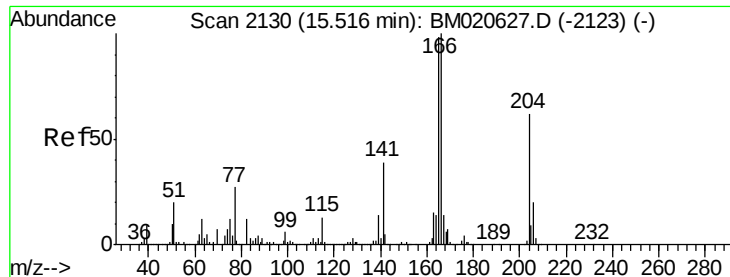
Tot Ion:232	Resp:	551959	
Ion Ratio	Lower	Upper	
232 100			
131 45.4	36.9	55.3	
130 2.5	2.0	3.0	
166 32.1	25.6	38.4	



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

Tgt Ion:149	Resp: 2093505
Ion Ratio	Lower Upper
149 100	
177 22.0	17.4 26.2
150 12.3	10.0 15.0

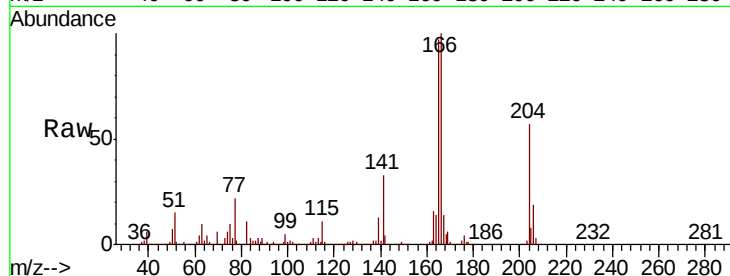




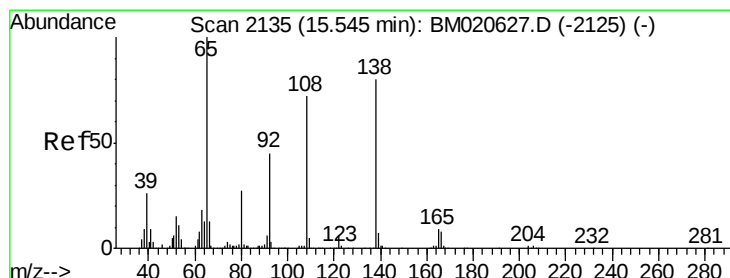
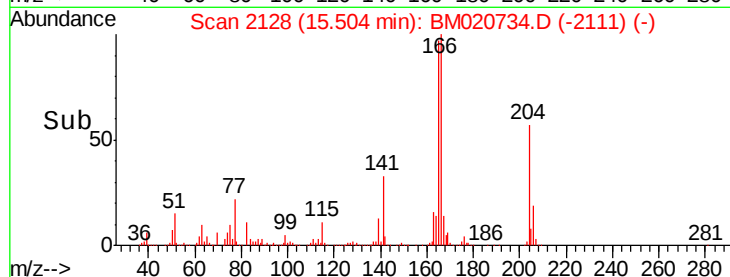
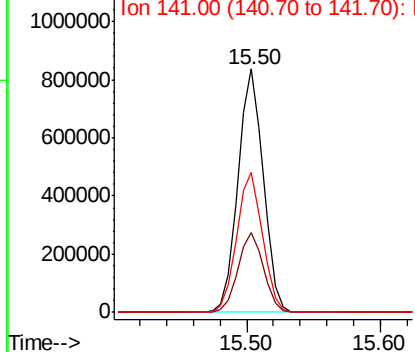
#61
4-Chlorophenyl-phenylether
Concen: 40.484 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

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

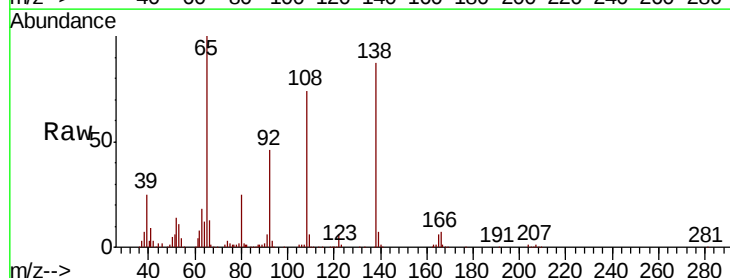


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

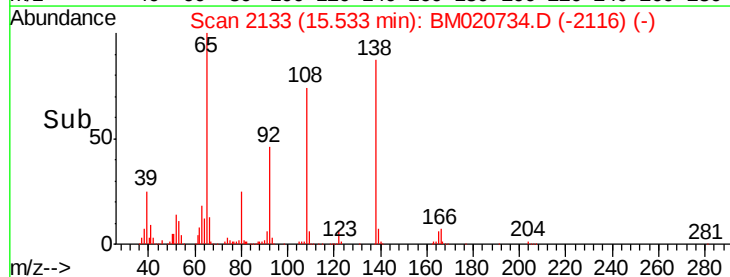
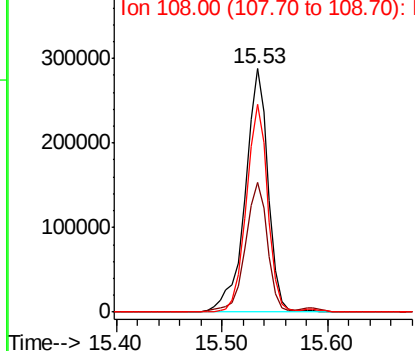


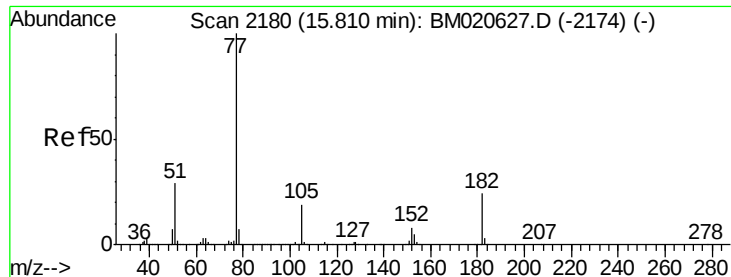
#62
4-Nitroaniline
Concen: 33.224 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

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



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

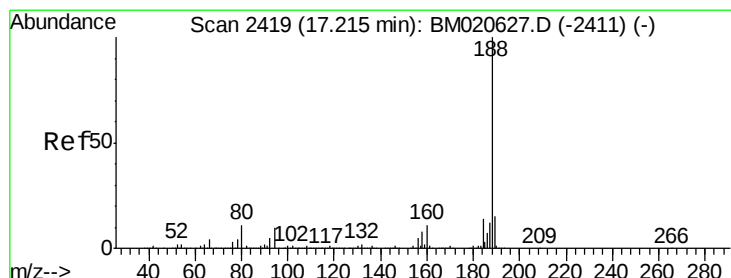
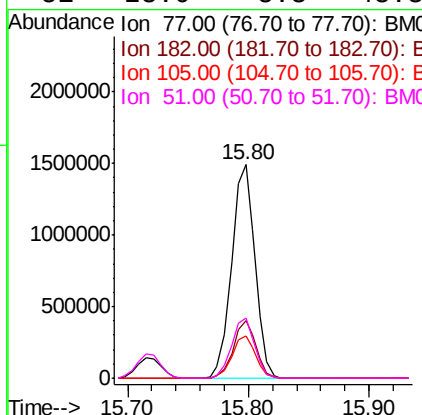
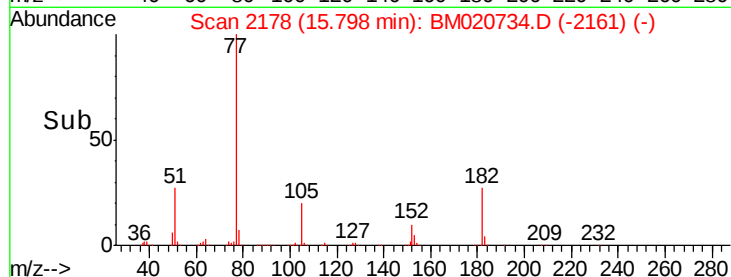
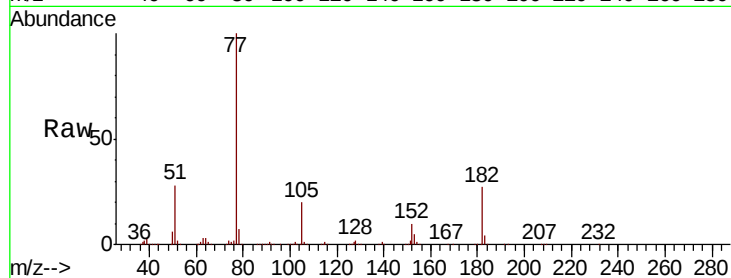




#63
Azobenzene
Concen: 37.040 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

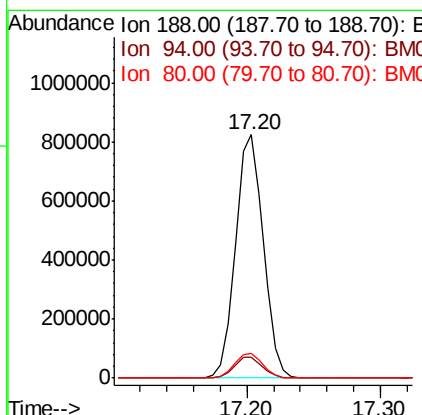
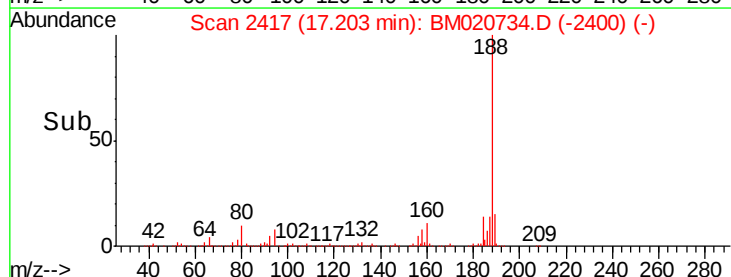
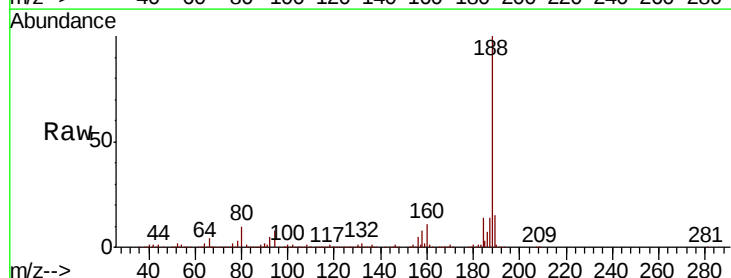
Instrument :
BNA_M
ClientSampleId :
PB119779BS

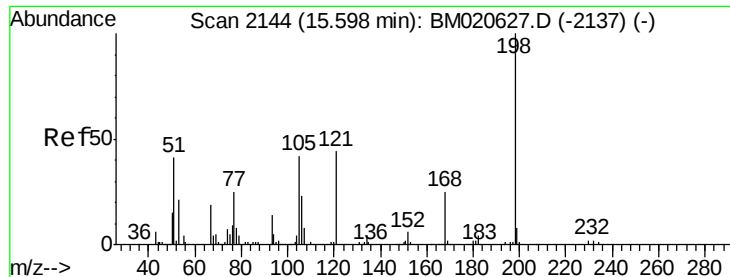
Tot Ion: 77 Resp: 2000392
Ion Ratio Lower Upper
77 100
182 26.8 6.3 46.3
105 19.9 0.4 40.4
51 28.0 8.3 48.3



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

Tgt Ion: 188 Resp: 1186689
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 10.1 7.8 11.8

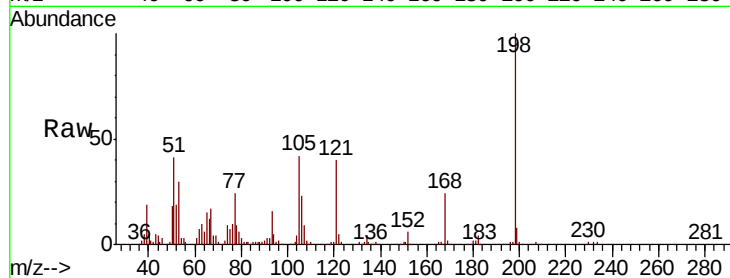




#65
4,6-Dinitro-2-methylphenol
Concen: 43.408 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

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

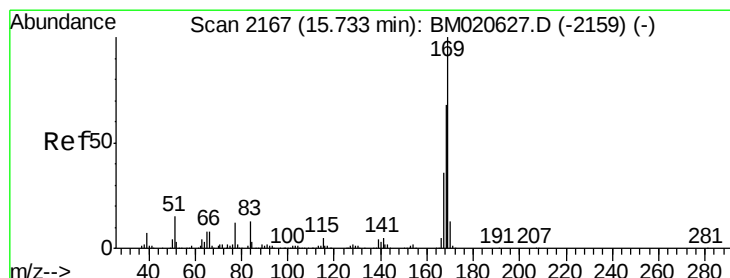
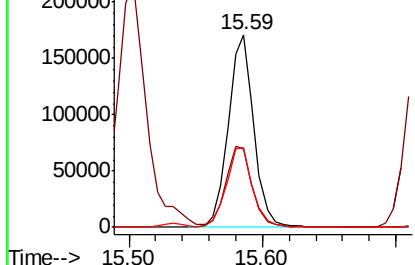
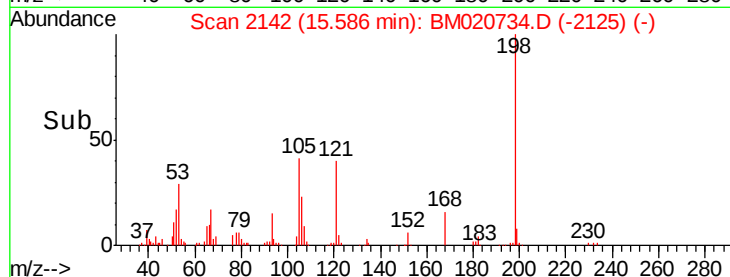


Abundance

Ion 198.00 (197.70 to 198.70): E

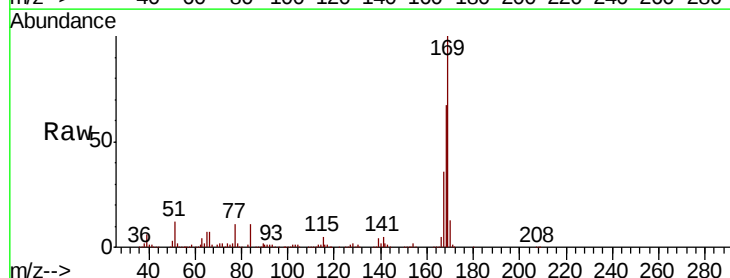
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



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

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

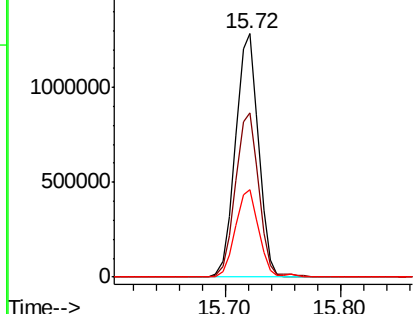
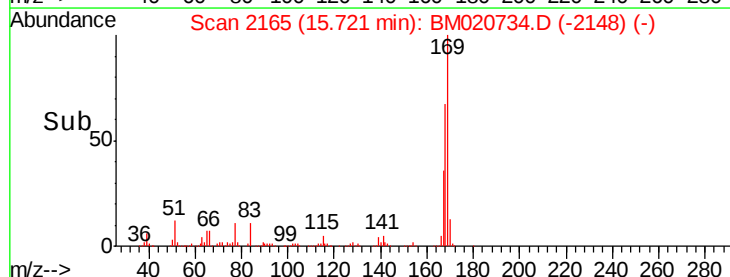


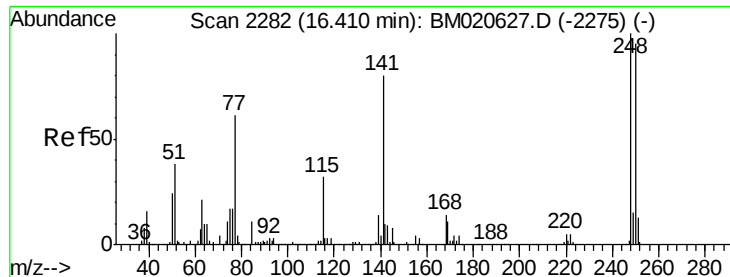
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

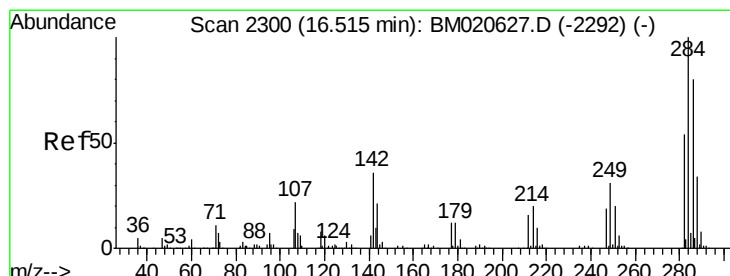
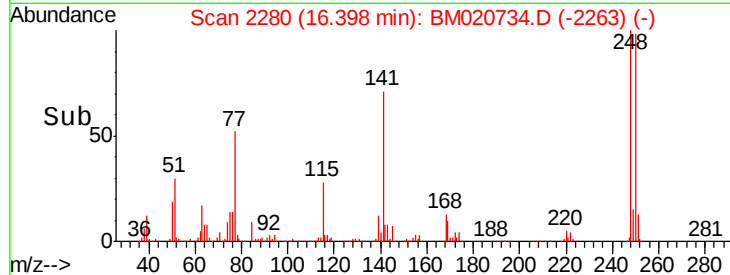
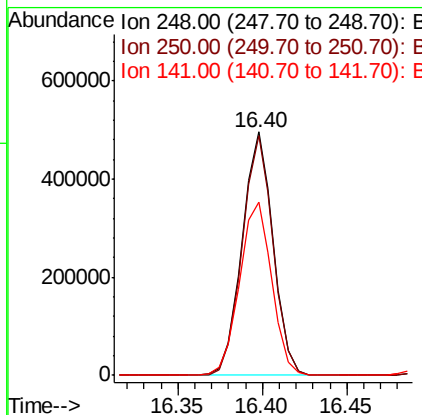
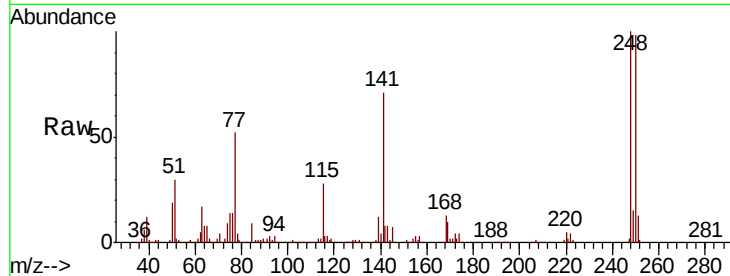




#67
 4-Bromophenyl-phenylether
 Concen: 45.305 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

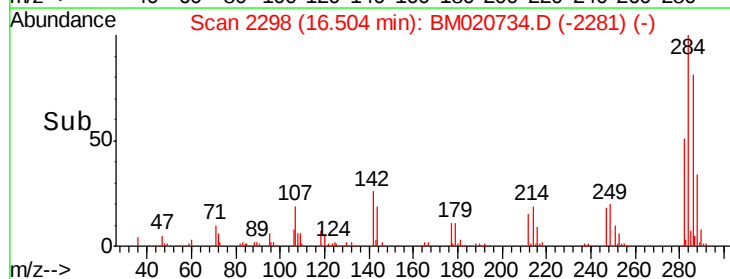
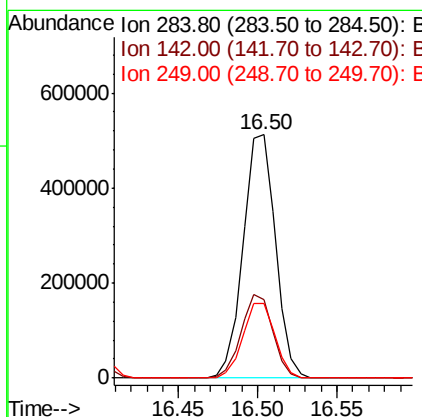
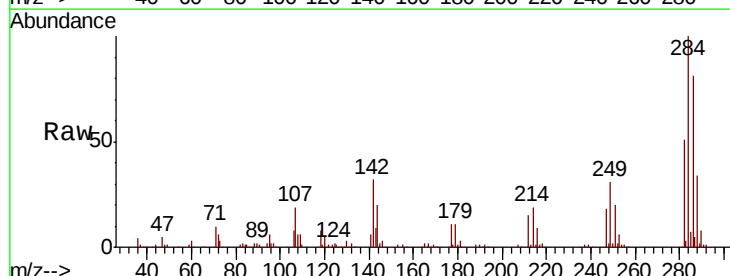
Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

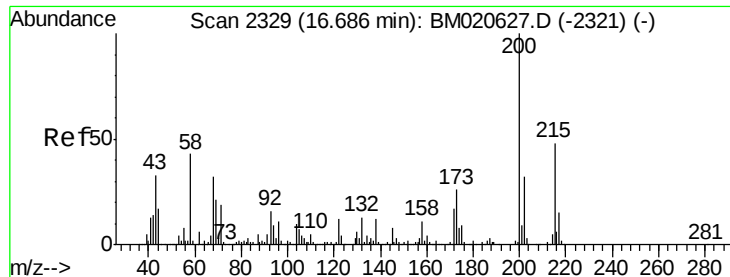
Tot Ion:	248	Resp:	633009
Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.2
141	71.2	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 44.458 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

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





#69

Atrazine

Concen: 47.683 ng

RT: 16.67 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

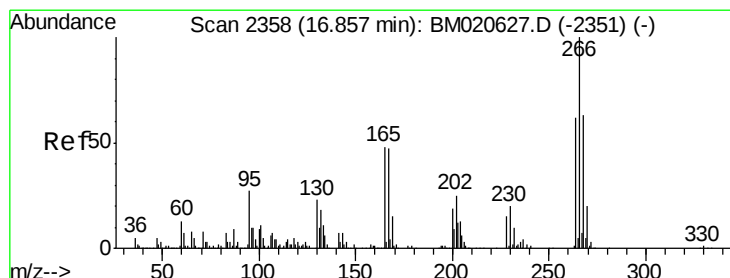
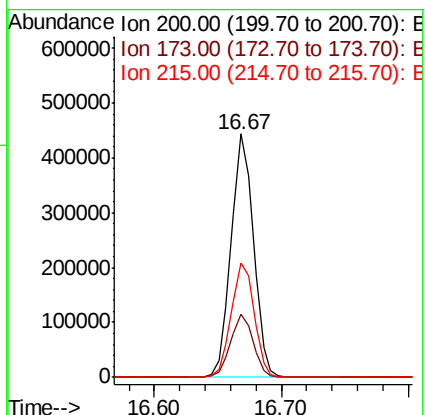
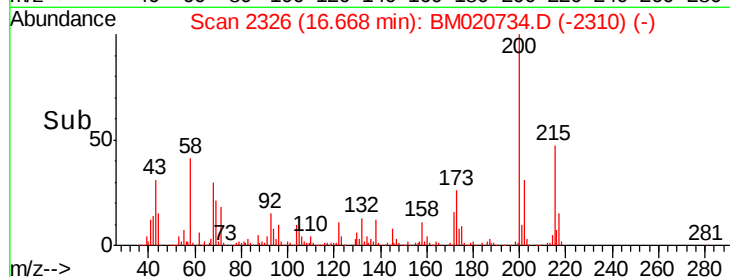
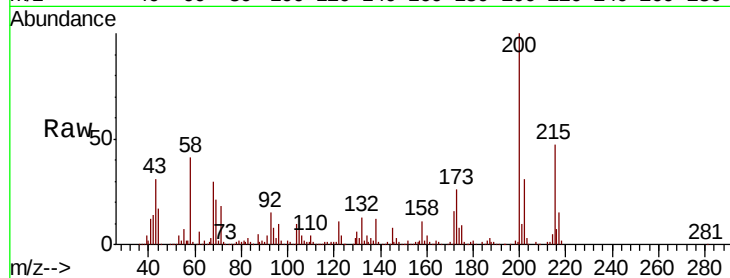
Tot Ion:200 Resp: 540626

Ion Ratio Lower Upper

200 100

173 26.1 5.7 45.7

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 102.759 ng

RT: 16.84 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

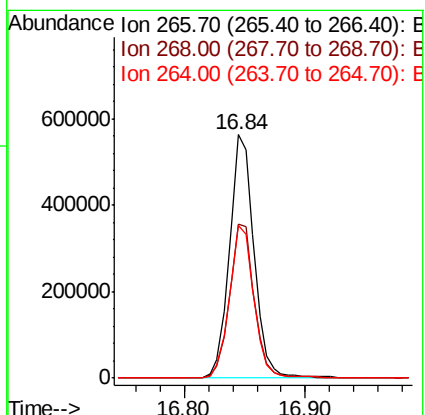
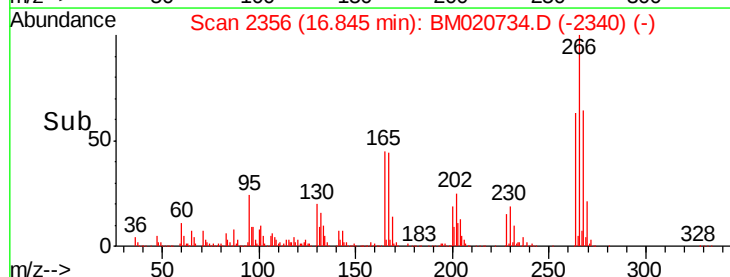
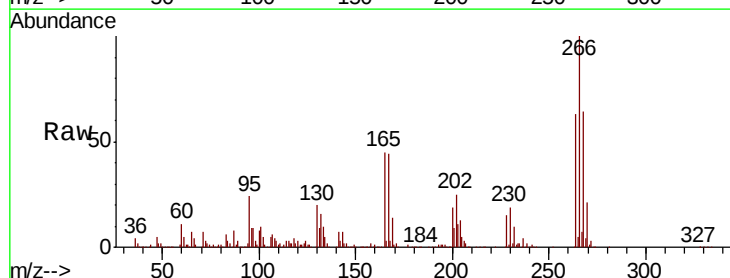
Tgt Ion:266 Resp: 799820

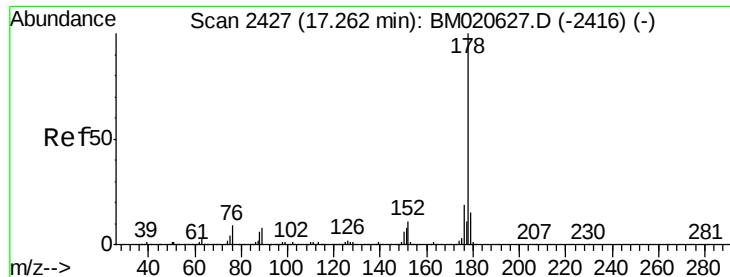
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.4

264 62.9 49.9 74.9

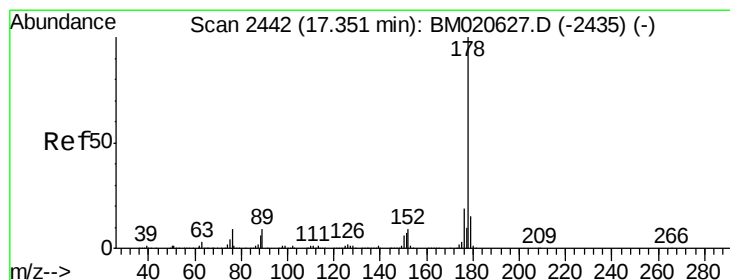
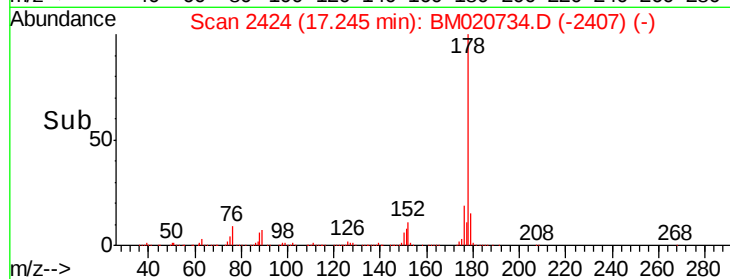
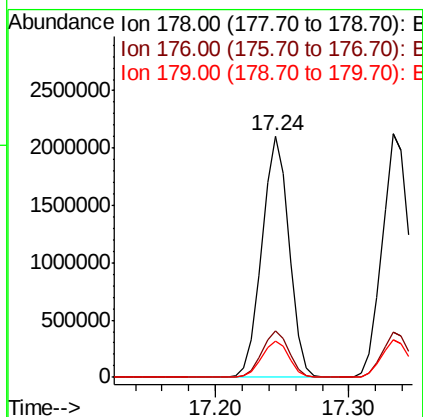
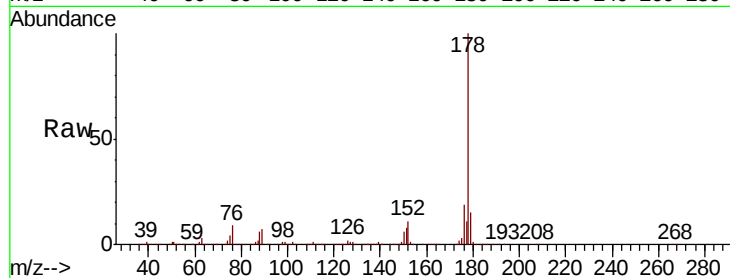




#71
Phenanthrene
Concen: 43.839 ng
RT: 17.24 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

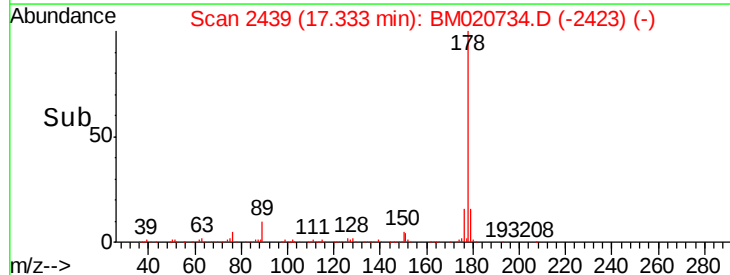
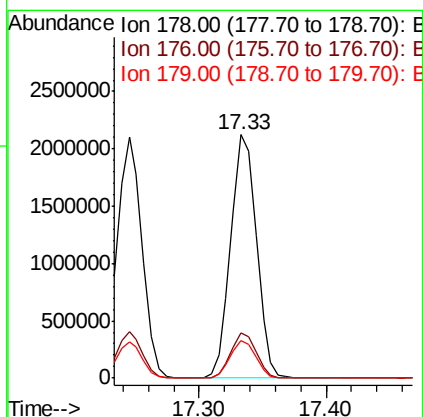
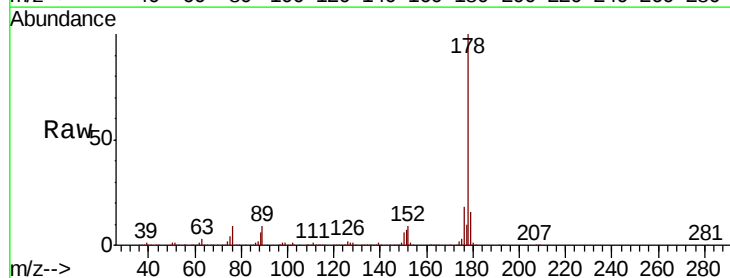
Instrument :
BNA_M
ClientSampleId :
PB119779BS

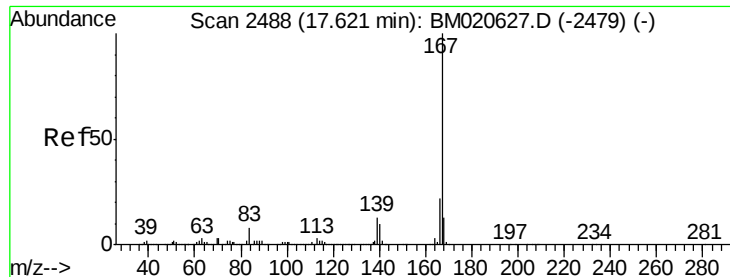
Tot Ion:178 Resp: 2948839
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.1 12.3 18.5



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

Tgt Ion:178 Resp: 2982704
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.6 11.9 17.9

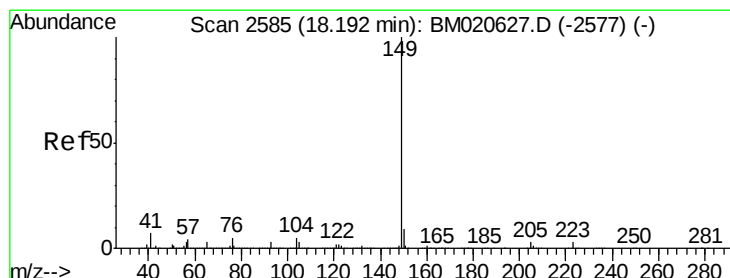
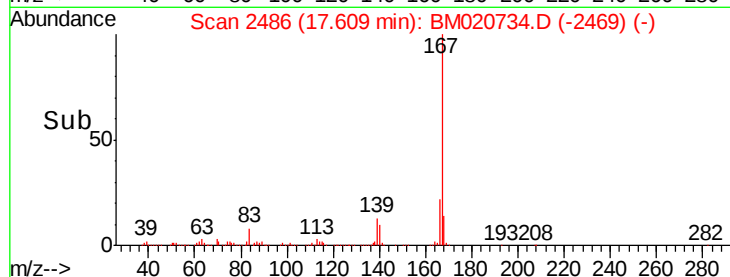
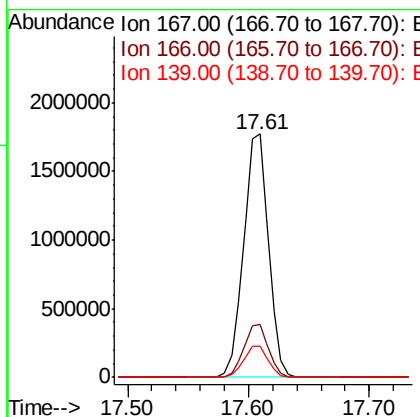
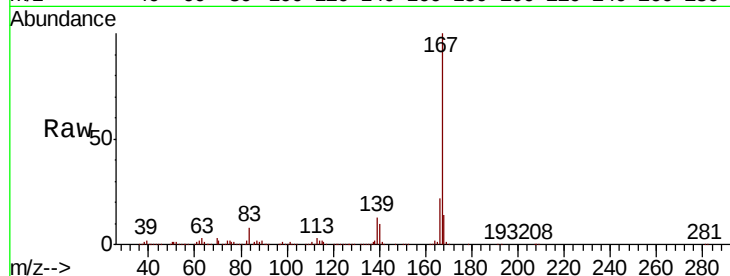




#73
 Carbazole
 Concen: 41.630 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BM020734.D
 Acq: 05 Jun 2019 13:43

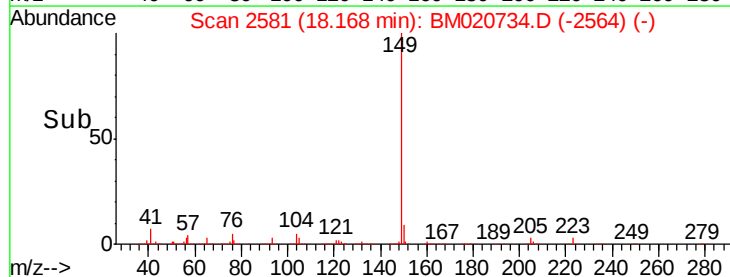
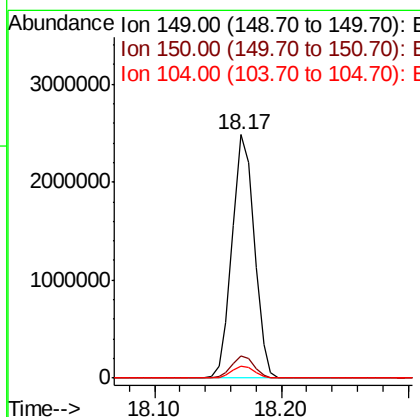
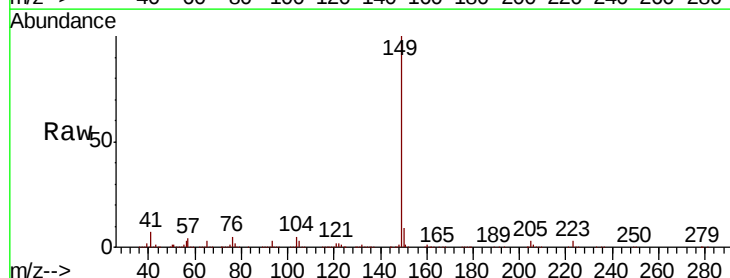
Instrument :
 BNA_M
 ClientSampleId :
 PB119779BS

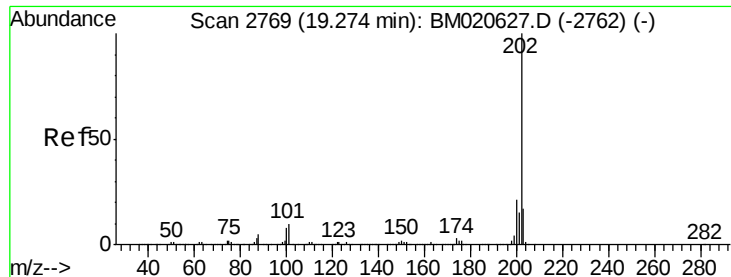
Tot Ion:167 Resp: 2543355
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 10.2 15.4



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

Tgt Ion:149 Resp: 2997588
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 40.609 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

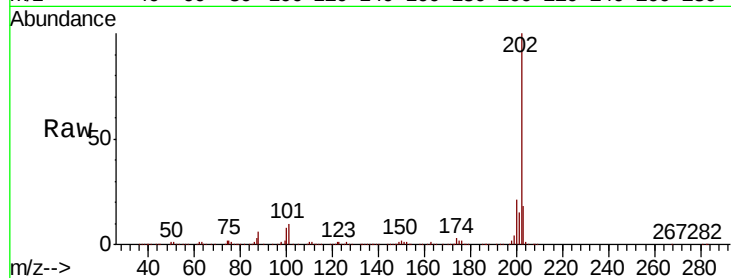
Tot Ion:202 Resp: 3037764

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

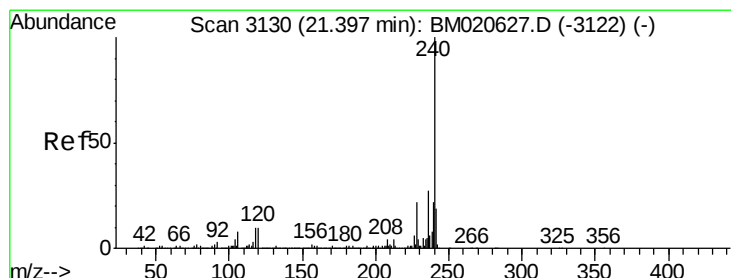
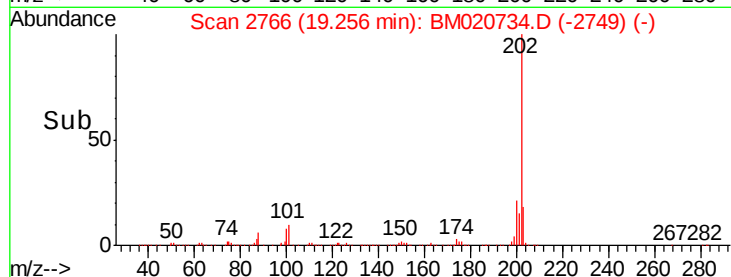
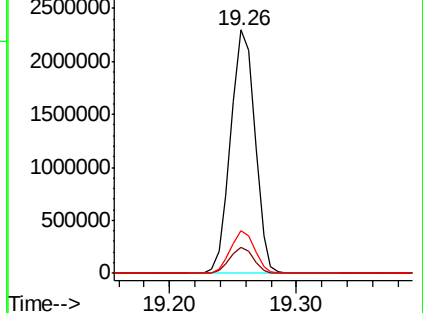
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

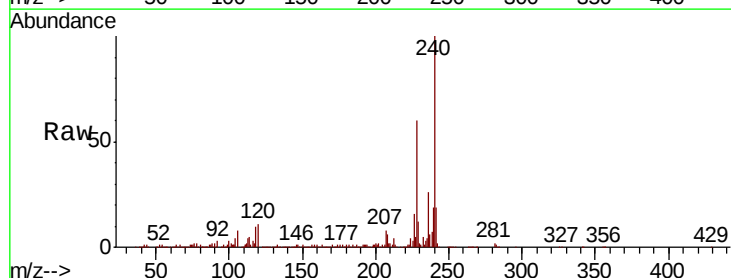
Tgt Ion:240 Resp: 977164

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

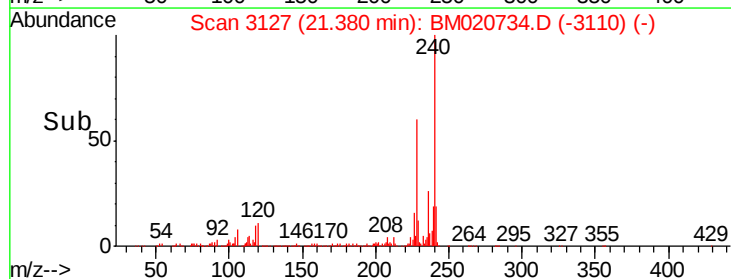
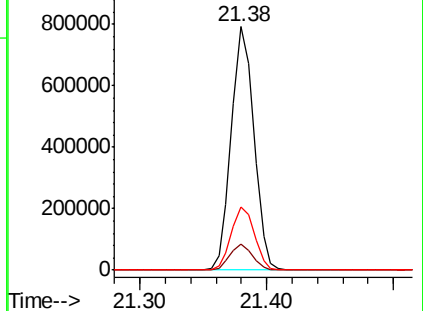
236 25.9 21.1 31.7

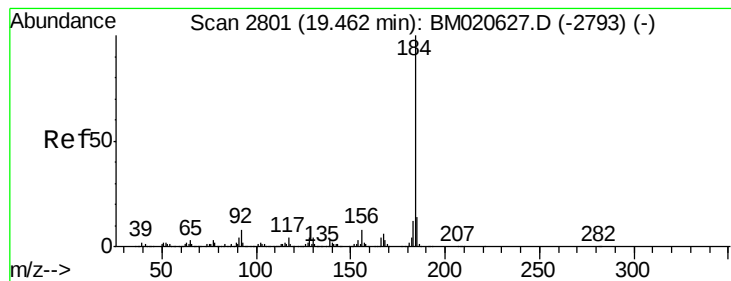


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.200 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

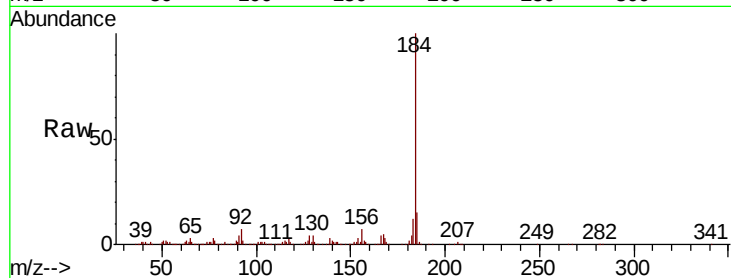
Tot Ion:184 Resp: 1249495

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.3	16.9
183	11.9	9.8	14.8

184 100

185 14.5 11.3 16.9

183 11.9 9.8 14.8

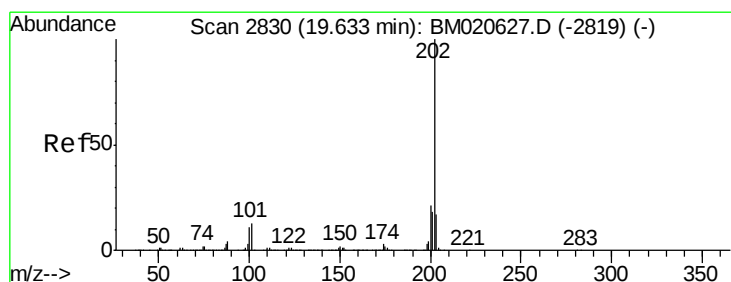
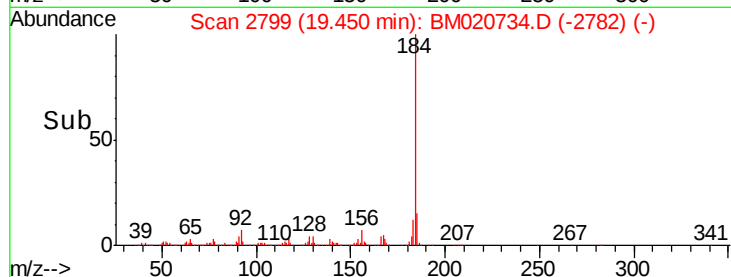
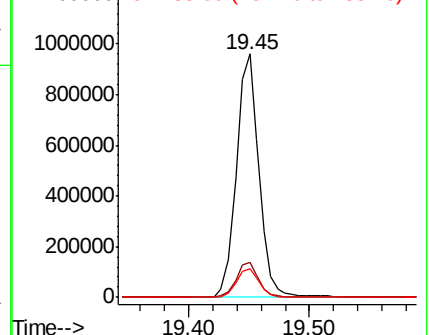


Abundance

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: 41.084 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

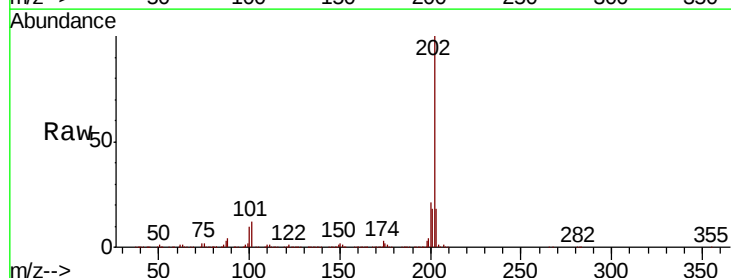
Tgt Ion:202 Resp: 3080706

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.4	24.6
203	17.6	14.1	21.1

202 100

200 21.1 16.4 24.6

203 17.6 14.1 21.1

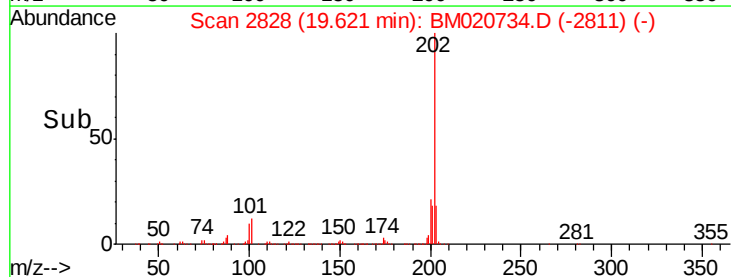
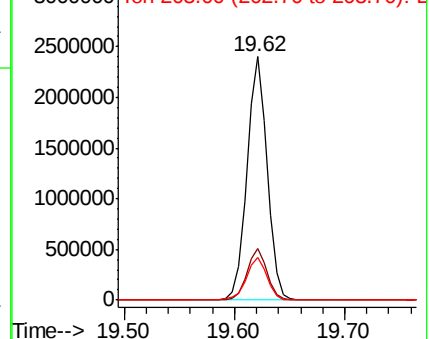


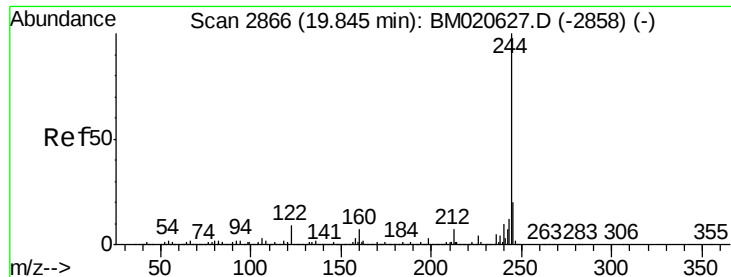
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.822 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

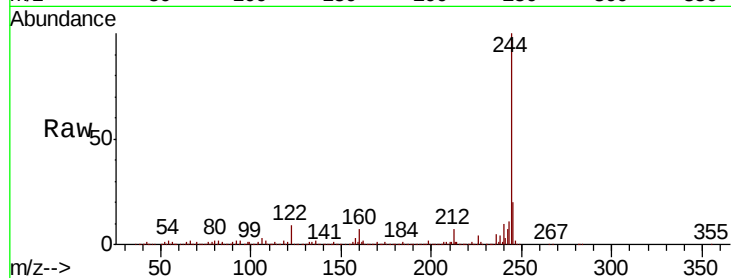
Tot Ion:244 Resp: 4604802

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

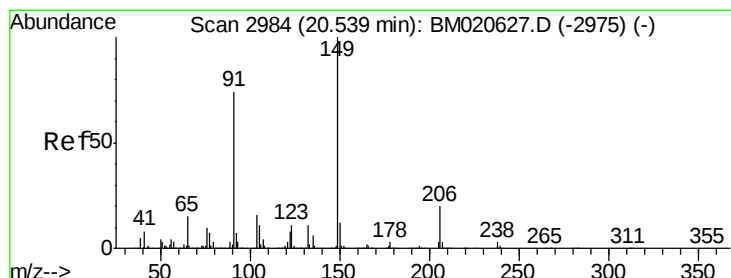
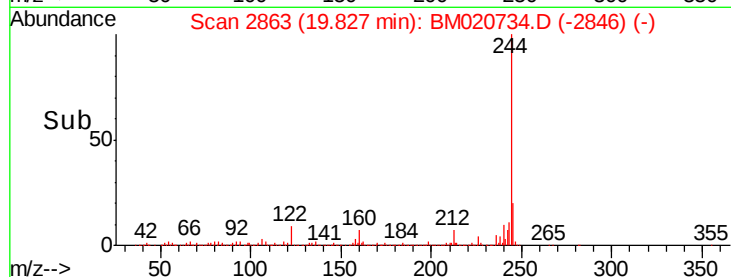
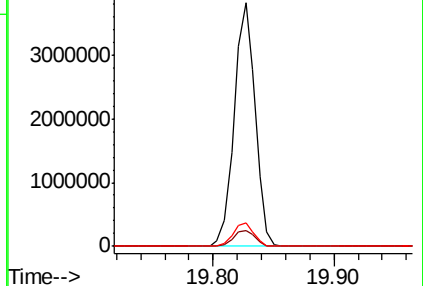
122 9.4 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.100 ng

RT: 20.52 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

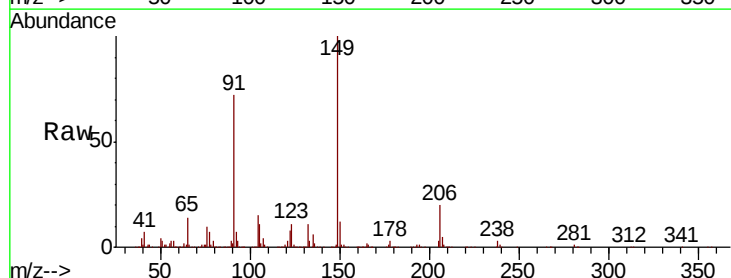
Tgt Ion:149 Resp: 1143997

Ion Ratio Lower Upper

149 100

91 71.7 57.1 85.7

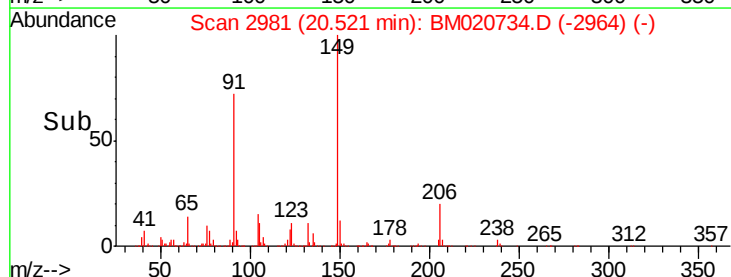
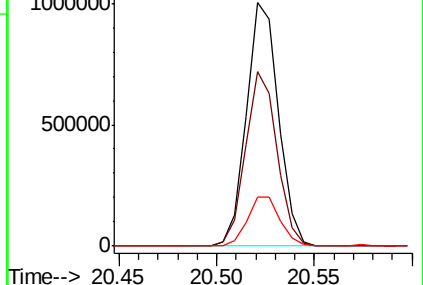
206 20.3 16.3 24.5

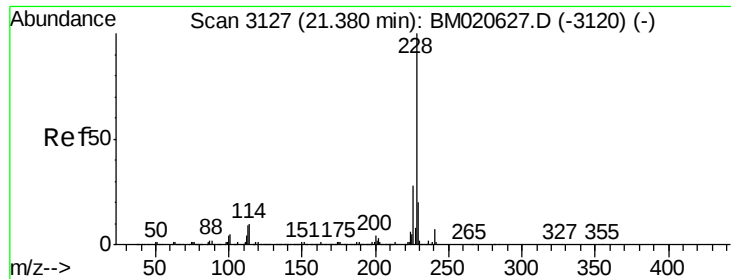


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.833 ng

RT: 21.37 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

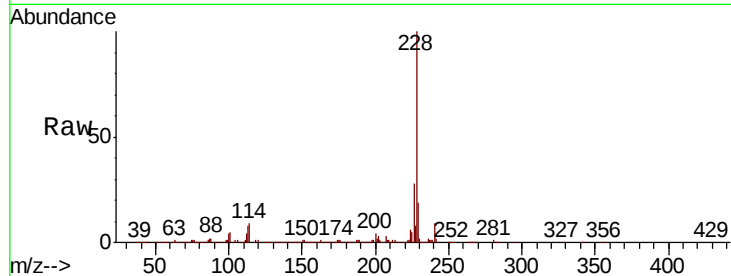
Tot Ion:228 Resp: 2846666

Ion Ratio Lower Upper

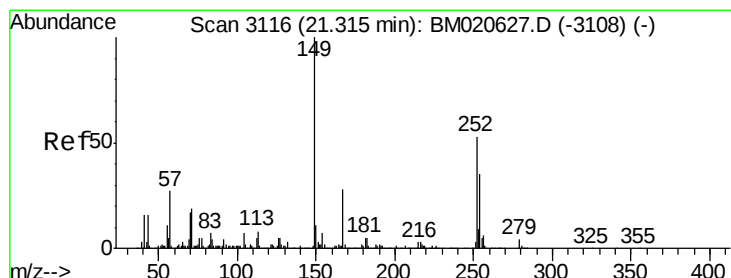
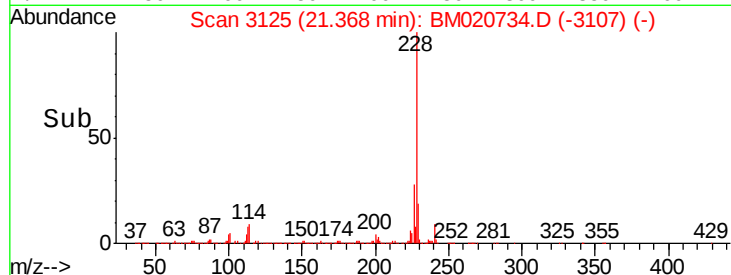
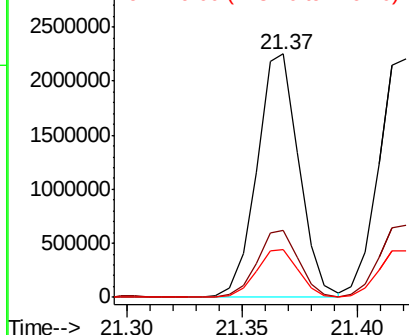
228 100

226 27.6 21.7 32.5

229 19.5 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 32.724 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

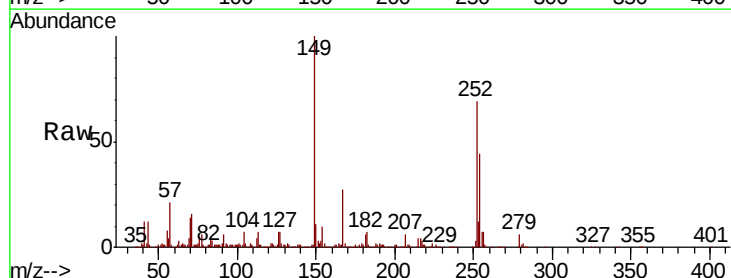
Tgt Ion:252 Resp: 815436

Ion Ratio Lower Upper

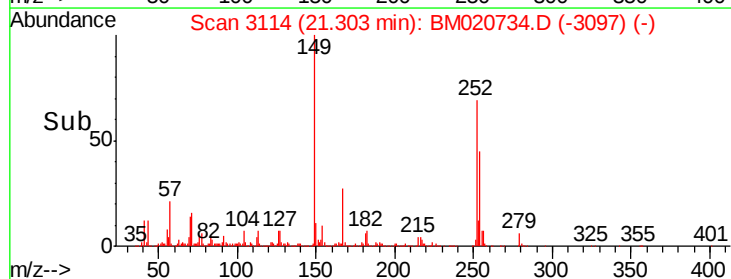
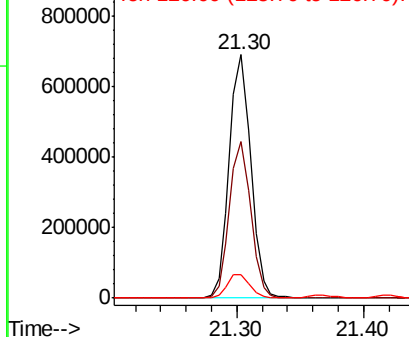
252 100

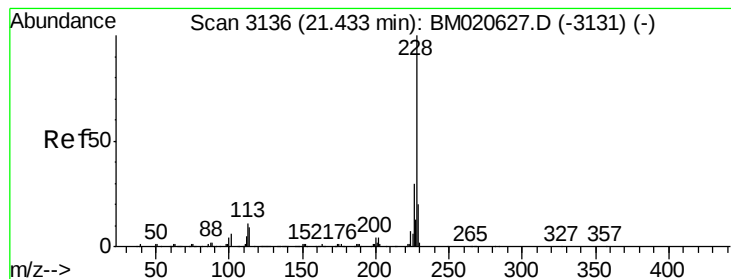
254 64.4 51.7 77.5

126 9.7 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.267 ng

RT: 21.42 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

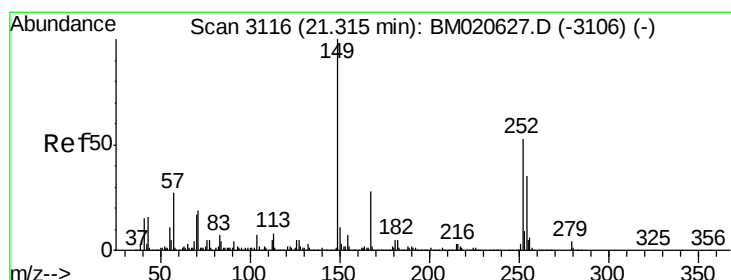
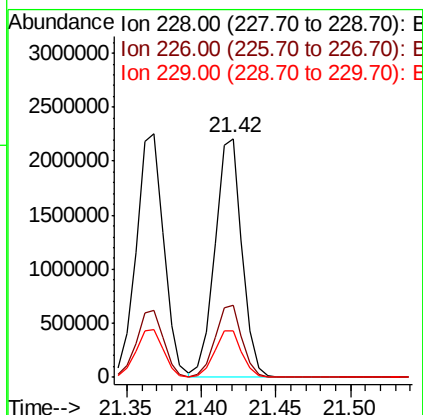
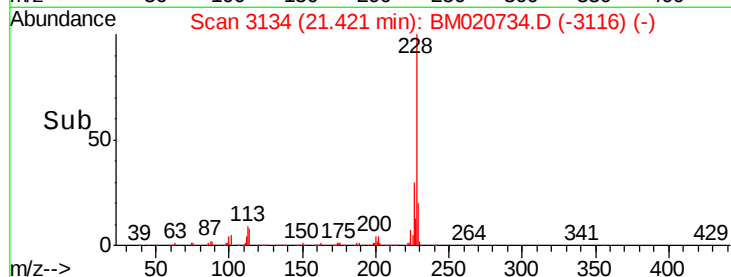
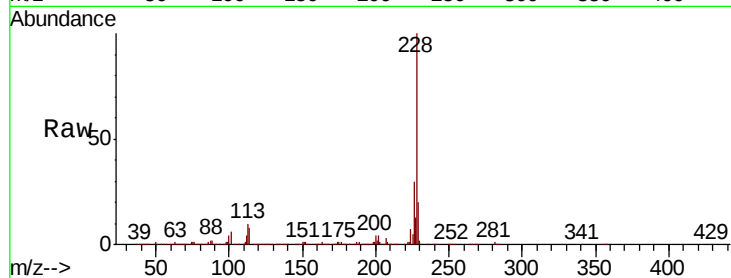
Tot Ion:228 Resp: 2798676

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.5	15.9	23.9

228 100

226 30.0 24.2 36.2

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.485 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

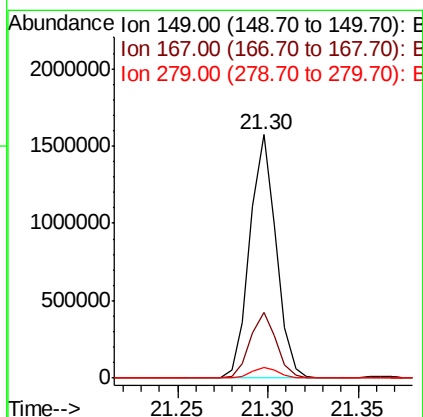
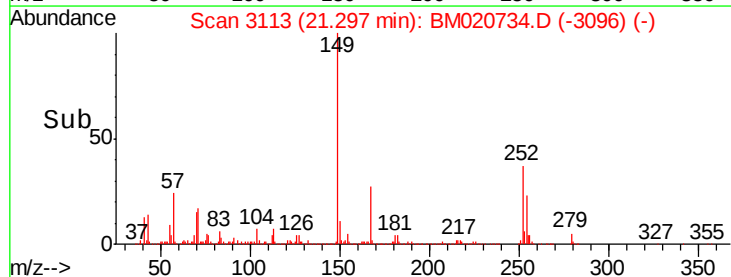
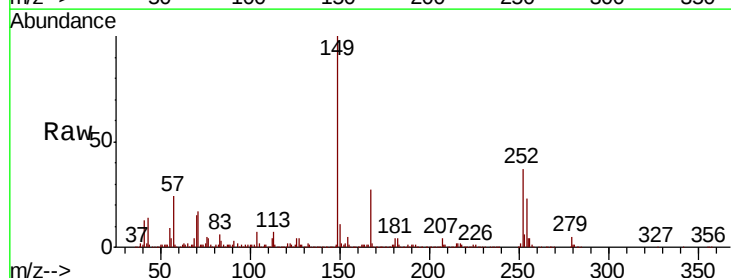
Tgt Ion:149 Resp: 1588269

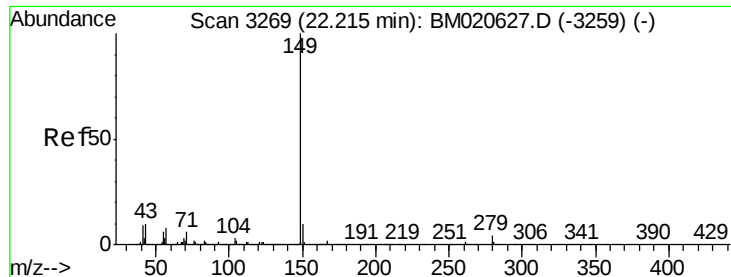
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	4.6	4.0	6.0

149 100

167 27.2 22.2 33.2

279 4.6 4.0 6.0

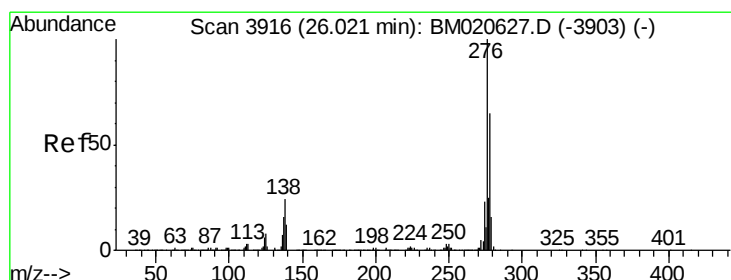
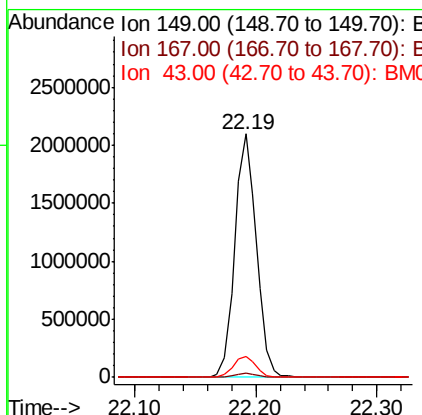
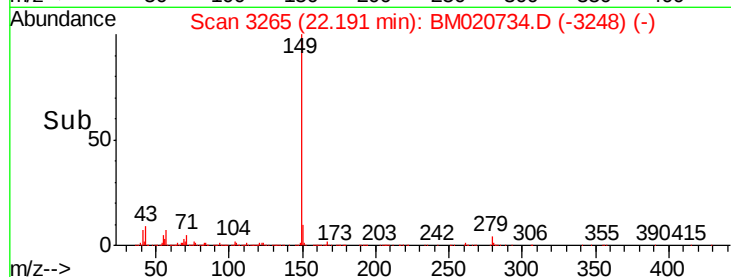
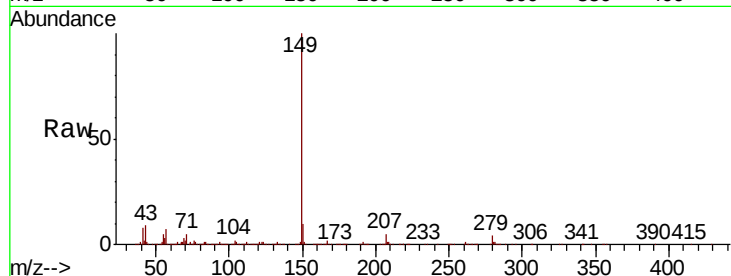




#85
Di-n-octyl phthalate
Concen: 35.732 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

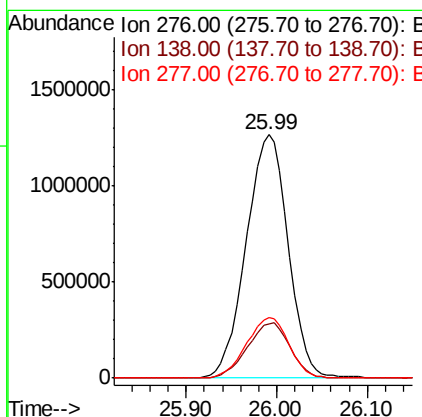
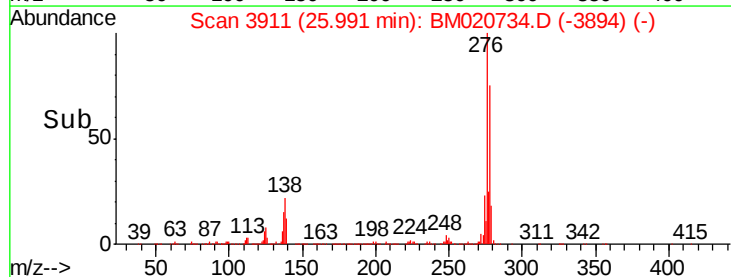
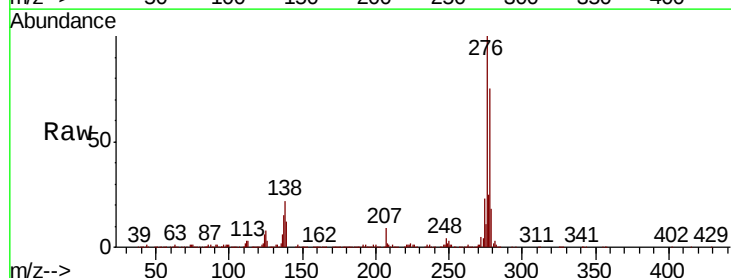
Instrument :
BNA_M
ClientSampleId :
PB119779BS

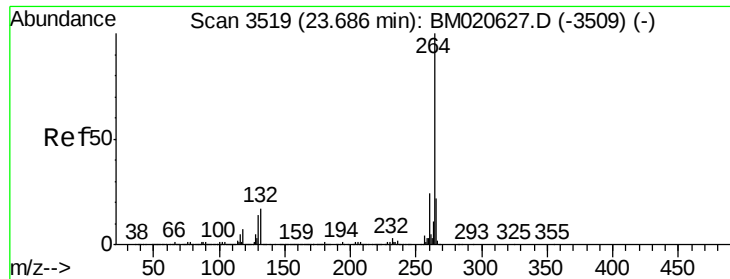
Tot Ion:149 Resp: 2612790
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.4 11.2



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

Tgt Ion:276 Resp: 4082044
Ion Ratio Lower Upper
276 100
138 23.2 18.8 28.2
277 25.3 20.5 30.7



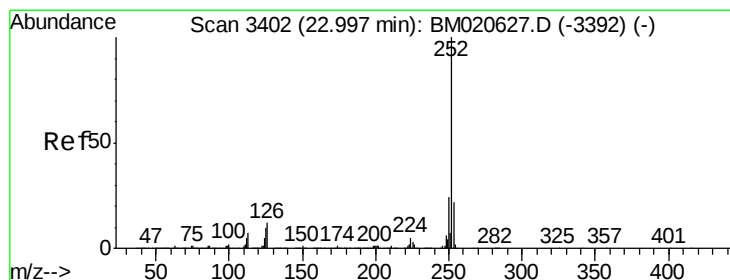
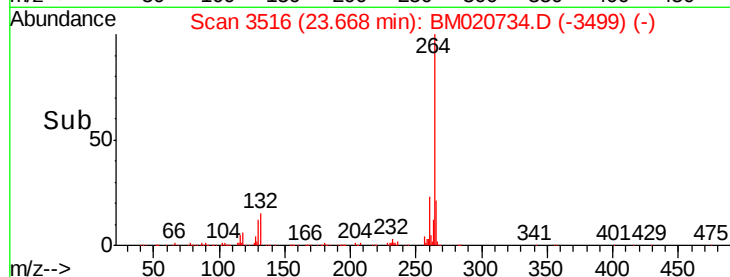
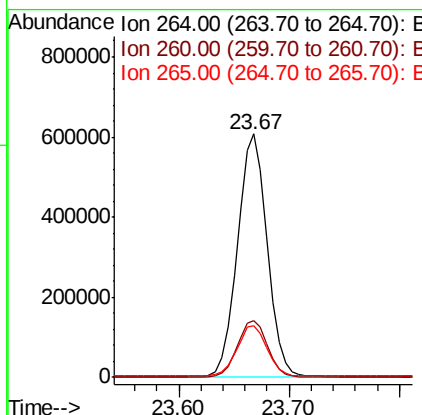
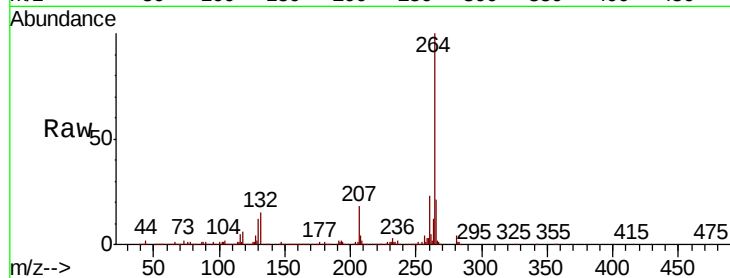


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Instrument :
BNA_M
ClientSampleId :
PB119779BS

Tot Ion:264 Resp: 1153657

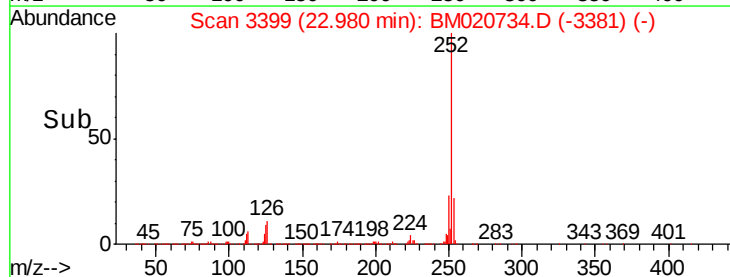
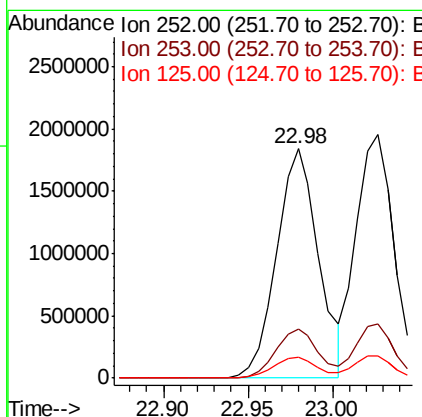
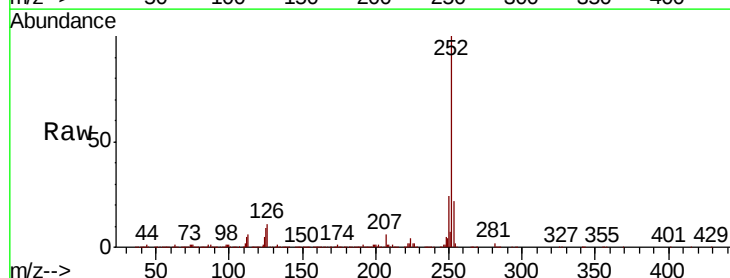
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.4	17.4	26.0

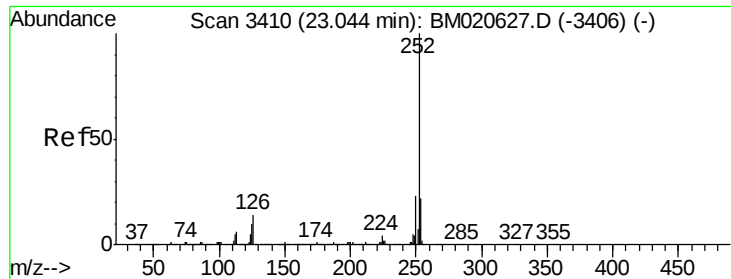


#88
Benzo(b)fluoranthene
Concen: 41.611 ng
RT: 22.98 min Scan# 3399
Delta R.T. 0.01 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

Tgt Ion:252 Resp: 3172878

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

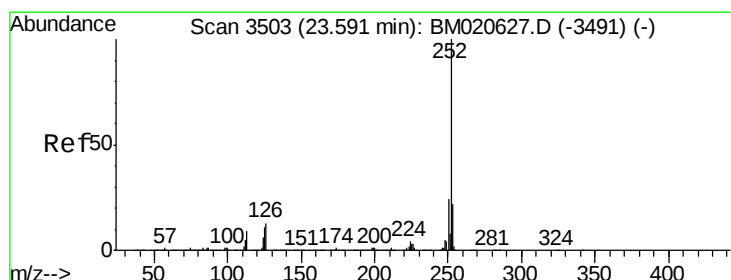
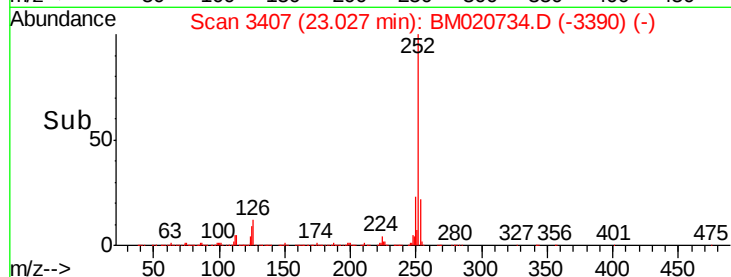
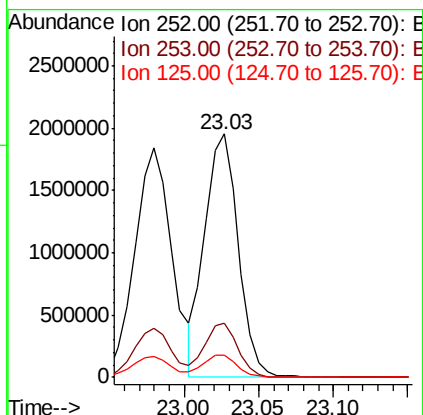
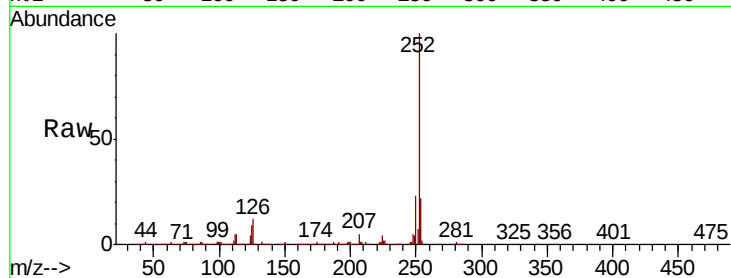




#89
Benzo(k)fluoranthene
Concen: 40.793 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.00 min
Lab File: BM020734.D
Acq: 05 Jun 2019 13:43

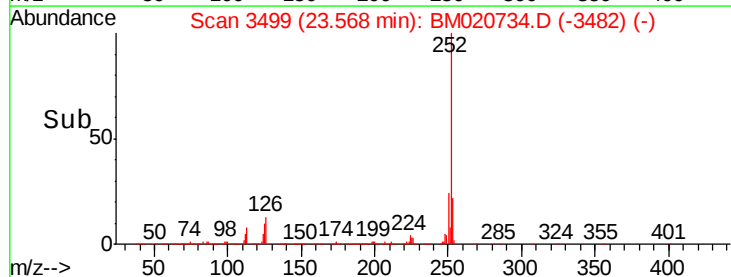
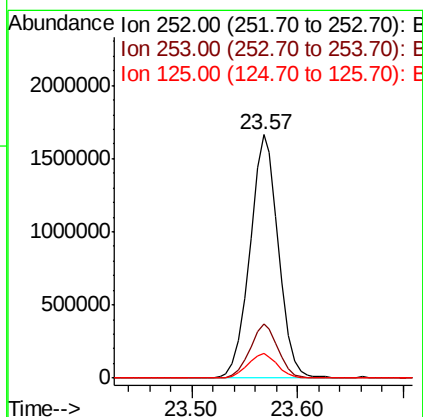
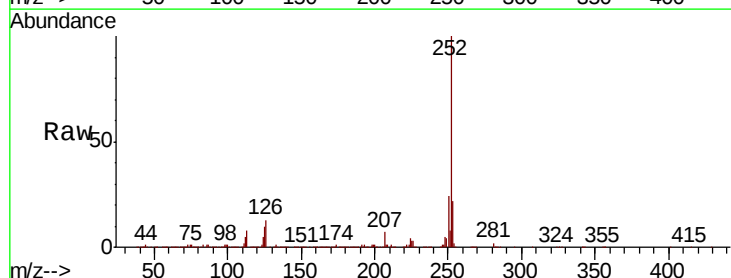
Instrument :
BNA_M
ClientSampleId :
PB119779BS

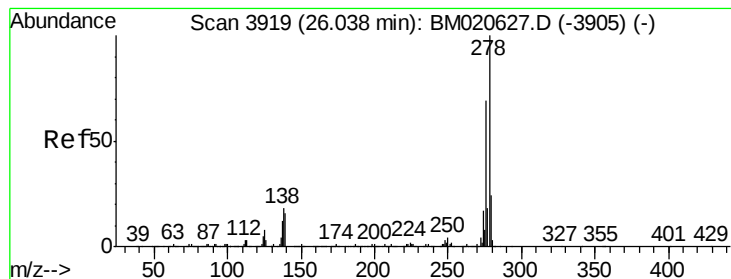
Tot Ion:252 Resp: 3039731
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.9 7.2 10.8



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

Tgt Ion:252 Resp: 3105078
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.997 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

Instrument :

BNA_M

ClientSampleId :

PB119779BS

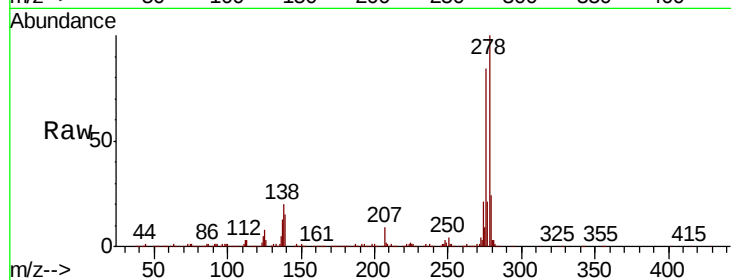
Tot Ion:278 Resp: 3421858

Ion Ratio Lower Upper

278 100

139 15.0 11.8 17.6

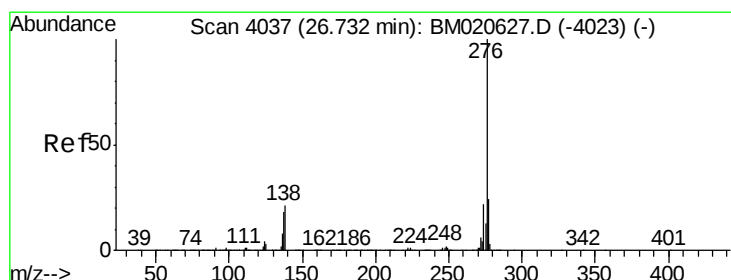
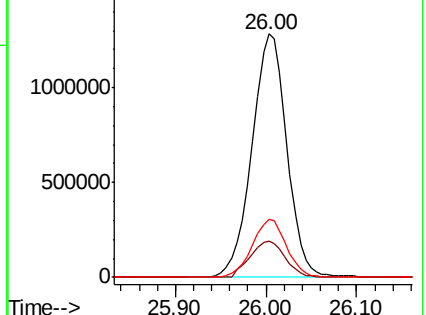
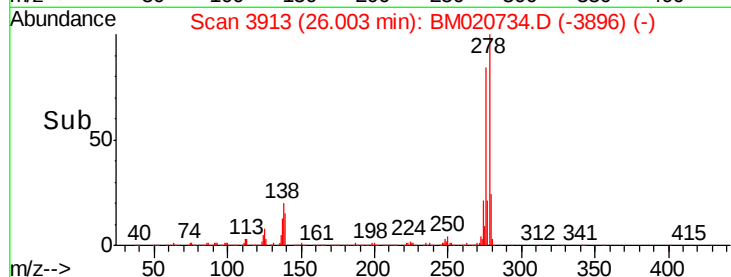
279 23.9 18.3 27.5



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: 54.245 ng

RT: 26.70 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM020734.D

Acq: 05 Jun 2019 13:43

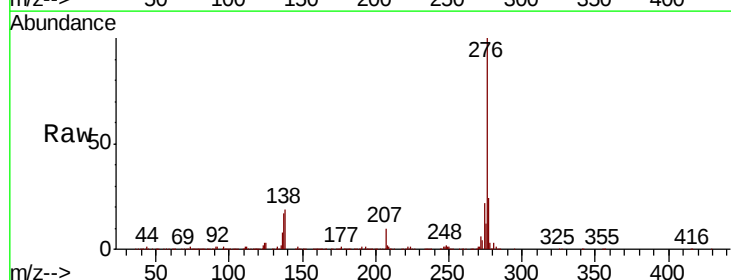
Tgt Ion:276 Resp: 3380856

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 19.4 16.2 24.4



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

