

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019092.D
 Acq On : 11 Mar 2019 14:08
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 14:50:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 14:15:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	193292	20.00	ng	-0.02
21) Naphthalene-d8	10.45	136	903621	20.00	ng	-0.02
39) Acenaphthene-d10	14.32	164	541217	20.00	ng	-0.02
64) Phenanthrene-d10	17.07	188	1201938	20.00	ng	-0.01
76) Chrysene-d12	21.27	240	1325531	20.00	ng	-0.02
87) Perylene-d12	23.51	264	1357250	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	597531	50.65	ng	-0.02
7) Phenol-d6	6.84	99	876606	52.75	ng	-0.02
23) Nitrobenzene-d5	8.83	82	964748	49.37	ng	-0.02
42) 2,4,6-Tribromophenol	15.82	330	398472	51.08	ng	-0.02
45) 2-Fluorobiphenyl	12.93	172	2054679	50.40	ng	-0.02
79) Terphenyl-d14	19.71	244	3367317	52.40	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	130806	25.458	ng	99
3) Pyridine	3.63	79	386672	27.589	ng	99
4) n-Nitrosodimethylamine	3.55	42	103346	28.985	ng	92
6) Aniline	7.01	93	567340	27.862	ng	99
8) 2-Chlorophenol	7.23	128	357750	27.621	ng	100
9) Benzaldehyde	6.83	77	304965	33.526	ng	99
10) Phenol	6.87	94	469282	26.837	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	360000	26.988	ng	99
12) 1,3-Dichlorobenzene	7.55	146	376022	25.818	ng	99
13) 1,4-Dichlorobenzene	7.70	146	386632	26.076	ng	100
14) 1,2-Dichlorobenzene	8.01	146	381766	26.806	ng	98
15) Benzyl Alcohol	7.92	79	361906	27.406	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	365044	28.275	ng	98
17) 2-Methylphenol	8.11	107	307329	27.613	ng	98
18) Hexachloroethane	8.72	117	144073	26.619	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	368461	28.634	ng	99
20) 3+4-Methylphenols	8.44	107	425044	27.657	ng	99
22) Acetophenone	8.49	105	625839	25.220	ng	98
24) Nitrobenzene	8.87	77	501247	24.710	ng	99
25) Isophorone	9.39	82	919526	29.489	ng	99
26) 2-Nitrophenol	9.58	139	208568	25.818	ng	99
27) 2,4-Dimethylphenol	9.63	122	310420	26.309	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	545605	27.058	ng	98
29) 2,4-Dichlorophenol	10.10	162	344452	25.425	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	376435	24.060	ng	98
31) Naphthalene	10.50	128	1178682	26.745	ng	99
32) Benzoic acid	9.78	122	204193	19.839	ng	95
33) 4-Chloroaniline	10.63	127	497376	25.247	ng	98
34) Hexachlorobutadiene	10.76	225	218152	24.021	ng	99
35) Caprolactam	11.43	113	121996	22.064	ng	95
36) 4-Chloro-3-methylphenol	11.75	107	424499	25.988	ng	98
37) 2-Methylnaphthalene	12.12	142	863975	27.845	ng	99
38) 1-Methylnaphthalene	12.34	142	845997	27.882	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	421817	24.364	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	177822	20.089	ng	97
43) 2,4,6-Trichlorophenol	12.74	196	279969	24.428	ng	97
44) 2,4,5-Trichlorophenol	12.82	196	296427	24.676	ng	99
46) 1,1'-Biphenyl	13.14	154	1176254	25.249	ng	100
47) 2-Chloronaphthalene	13.19	162	882446	24.524	ng	99
48) 2-Nitroaniline	13.42	65	302772	25.335	ng	99
49) Acenaphthylene	14.04	152	1503959	28.070	ng	99
50) Dimethylphthalate	13.79	163	1162108	25.765	ng	100
51) 2,6-Dinitrotoluene	13.92	165	253944	25.990	ng	99
52) Acenaphthene	14.38	154	851121	25.907	ng	100
53) 3-Nitroaniline	14.25	138	260550	23.601	ng	100
54) 2,4-Dinitrophenol	14.46	184	133164	24.665	ng	99
55) Dibenzofuran	14.72	168	1376103	25.484	ng	98
56) 4-Nitrophenol	14.56	139	207650	23.562	ng	98
57) 2,4-Dinitrotoluene	14.71	165	355628	26.417	ng	93
58) Fluorene	15.37	166	1128919	27.327	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	276909	26.078	ng	100
60) Diethylphthalate	15.15	149	1165818	25.056	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	543207	23.452	ng	98
62) 4-Nitroaniline	15.42	138	259723	23.997	ng	98
63) Azobenzene	15.66	77	1260873	25.274	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	192828	22.850	ng	96
66) n-Nitrosodiphenylamine	15.59	169	968581	25.506	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	331124	24.612	ng	97
68) Hexachlorobenzene	16.37	284	396274	25.341	ng	97
69) Atrazine	16.54	200	330875	27.027	ng	99
70) Pentachlorophenol	16.72	266	227703	22.615	ng	99
71) Phenanthrene	17.12	178	1762068	27.279	ng	100
72) Anthracene	17.21	178	1743268	27.728	ng	99
73) Carbazole	17.49	167	1653974	25.180	ng	99
74) Di-n-butylphthalate	18.04	149	2011266	26.624	ng	100
75) Fluoranthene	19.14	202	2041086	27.355	ng	99
77) Benzidine	19.34	184	984408	32.975	ng	100
78) Pyrene	19.50	202	2121541	27.558	ng	99
80) Butylbenzylphthalate	20.41	149	927893	26.447	ng	99
81) Benzo(a)anthracene	21.26	228	2095960	27.126	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	834445	27.325	ng	99
83) Chrysene	21.31	228	2031076	27.425	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1354540	26.378	ng	98
85) Di-n-octyl phthalate	22.05	149	2292210	26.559	ng	99
86) Indeno(1,2,3-cd)pyrene	25.77	276	2279926	26.664	ng	99
88) Benzo(b)fluoranthene	22.83	252	2190819	28.213	ng	99
89) Benzo(k)fluoranthene	22.88	252	1974100	25.535	ng	99
90) Benzo(a)pyrene	23.41	252	1962719	26.681	ng	99
91) Dibenzo(a,h)anthracene	25.79	278	1910332	26.211	ng	99
92) Benzo(g,h,i)perylene	26.47	276	1744017	25.704	ng	99

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

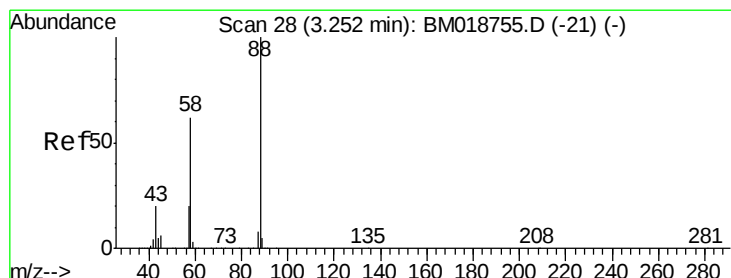
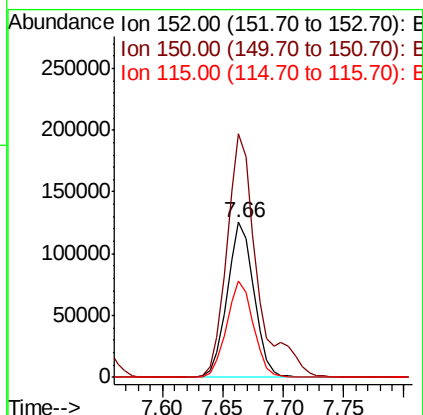
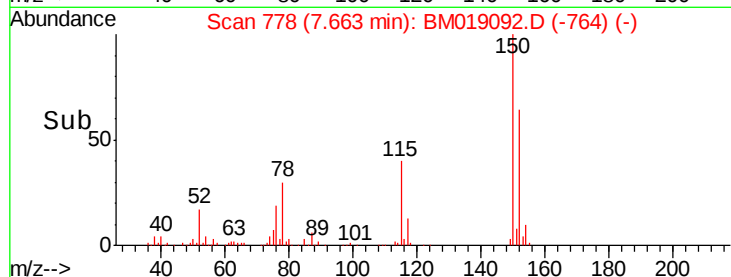
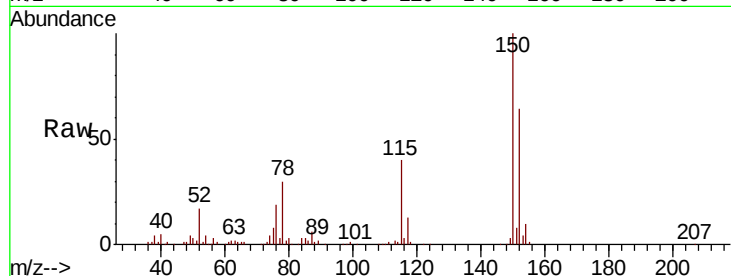


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

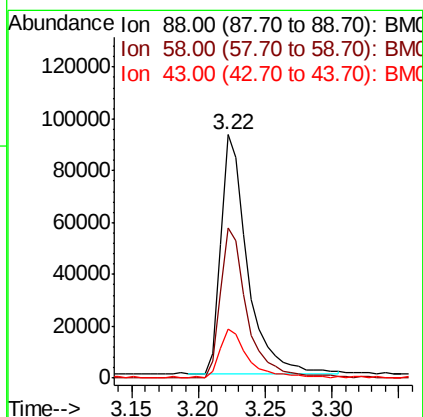
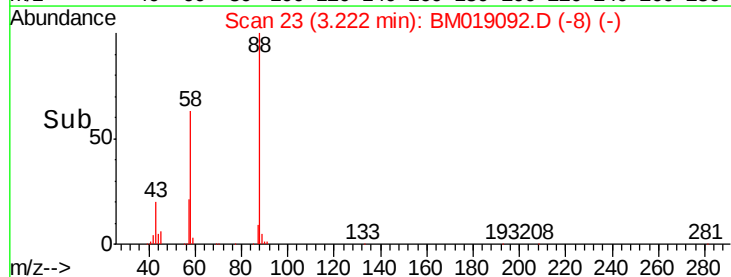
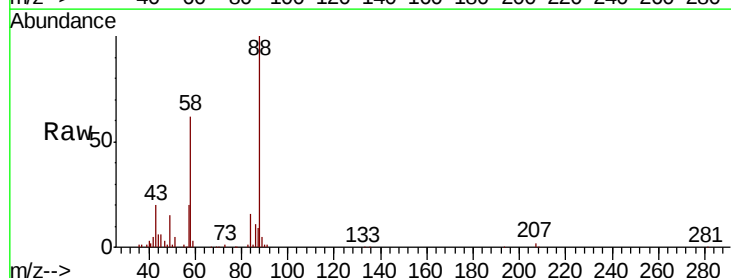
Tot Ion:152 Resp: 193292
Ion Ratio Lower Upper
152 100
150 156.9 127.3 190.9
115 62.1 50.8 76.2

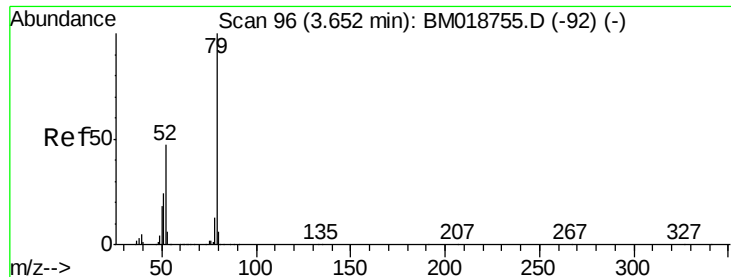


#2

1,4-Dioxane
Concen: 25.458 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion: 88 Resp: 130806
Ion Ratio Lower Upper
88 100
58 62.7 49.8 74.6
43 21.9 16.7 25.1





#3

Pvridine

Concen: 27.589 ng

RT: 3.63 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

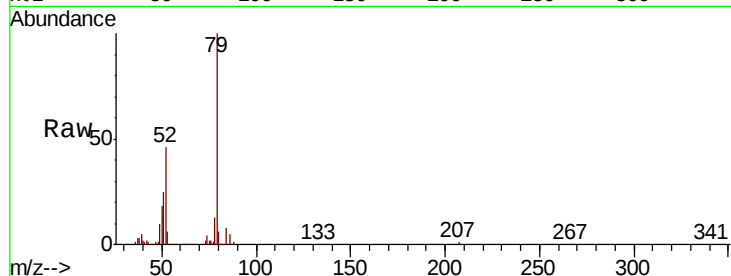
Tot Ion: 79 Resp: 386672

Ion Ratio Lower Upper

79 100

52 46.4 37.6 56.4

51 25.0 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)

3.63

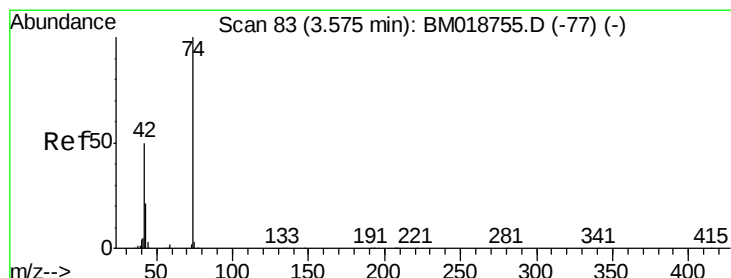
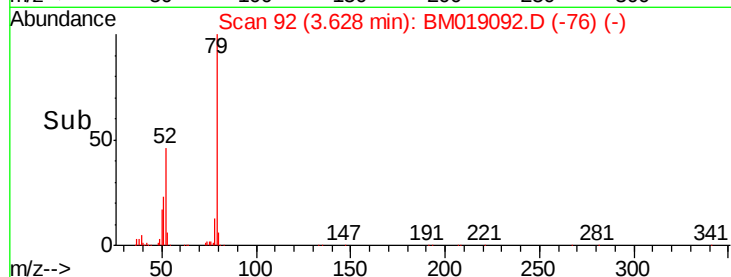
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 28.985 ng

RT: 3.55 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

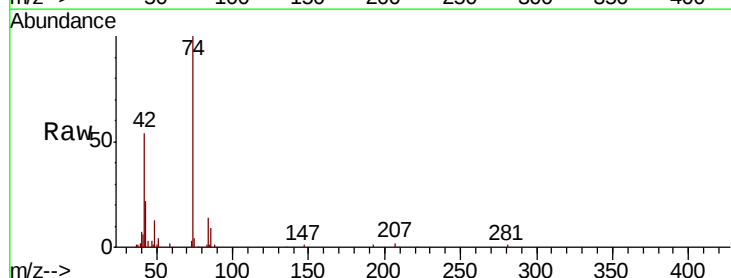
Tgt Ion: 42 Resp: 103346

Ion Ratio Lower Upper

42 100

74 184.9 158.1 237.1

44 6.3 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)

3.55

120000

100000

80000

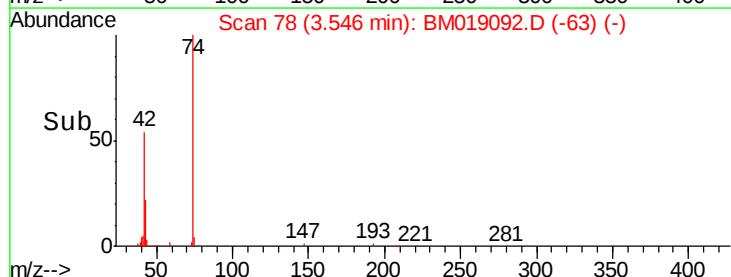
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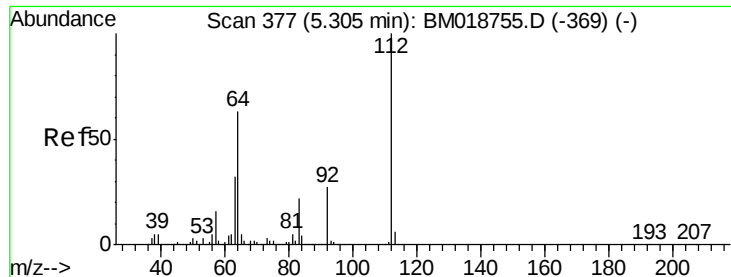
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 50.651 ng

RT: 5.26 min Scan# 369

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

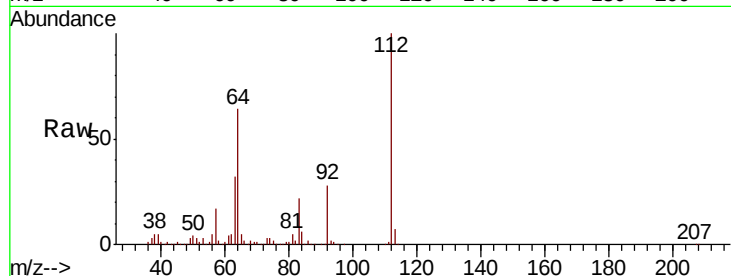
Tot Ion:112 Resp: 597531

Ion Ratio Lower Upper

112 100

64 63.8 50.6 75.8

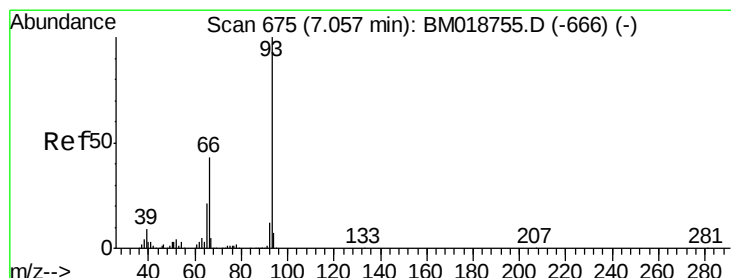
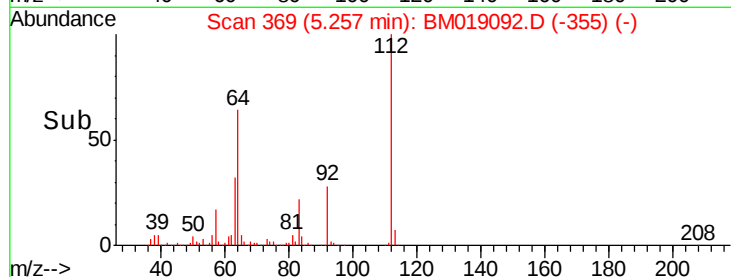
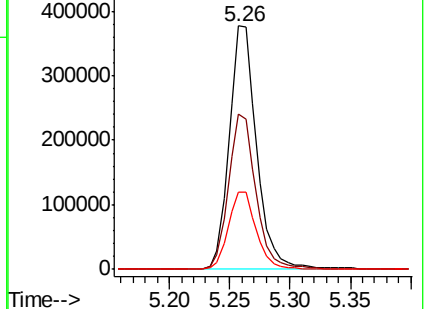
63 31.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.862 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

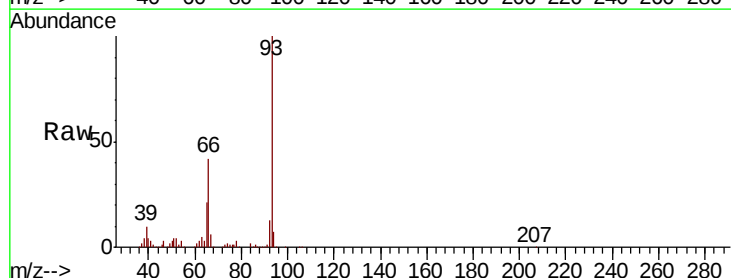
Tgt Ion: 93 Resp: 567340

Ion Ratio Lower Upper

93 100

66 42.2 34.1 51.1

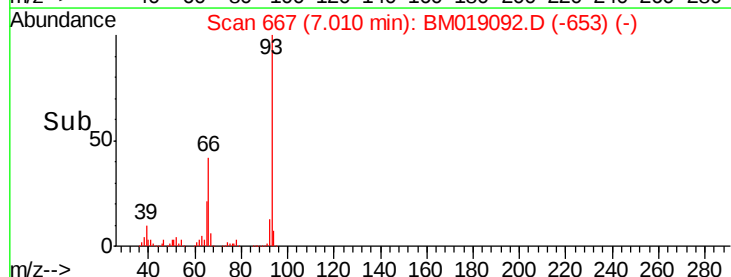
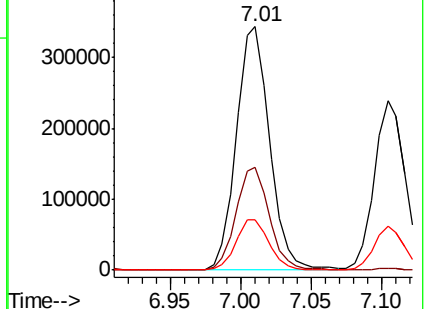
65 20.9 16.6 24.8

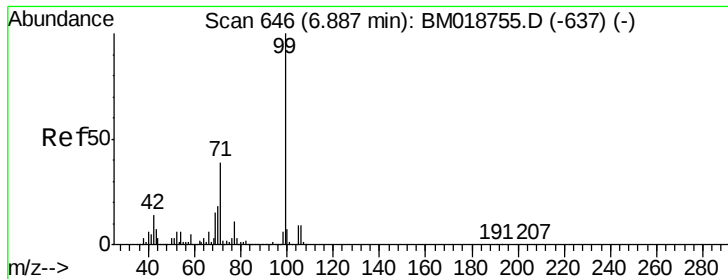


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 52.747 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

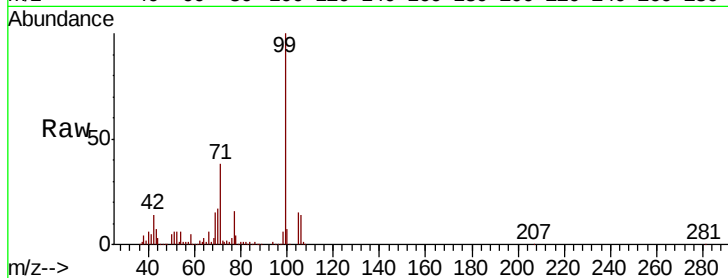
Tot Ion: 99 Resp: 876606

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

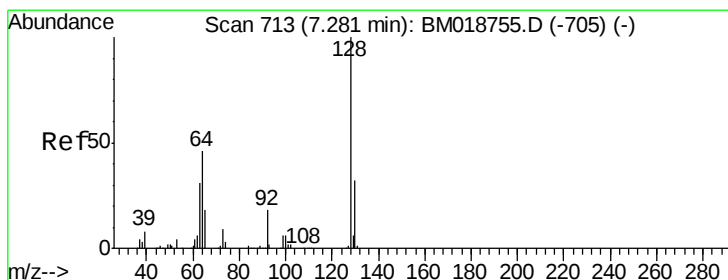
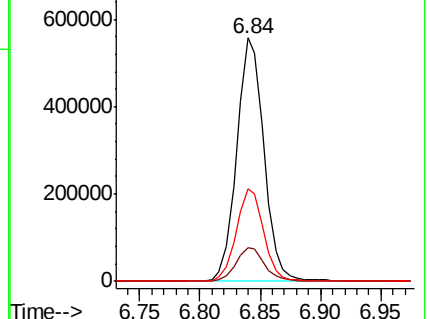
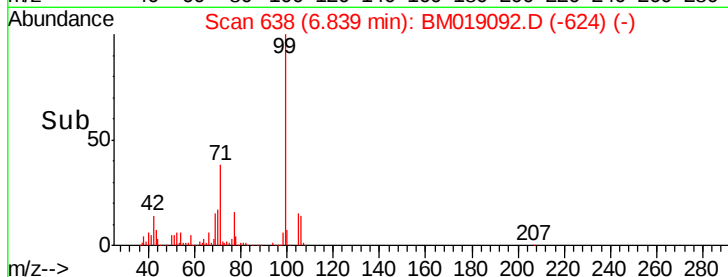
71 38.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 27.621 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

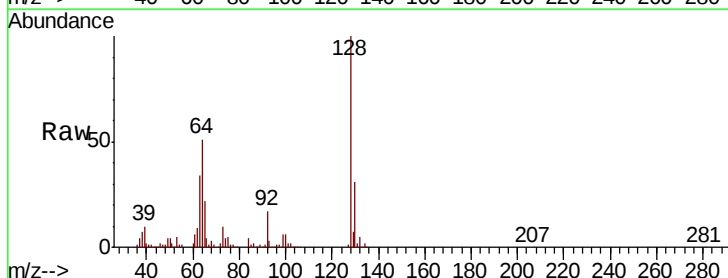
Tgt Ion: 128 Resp: 357750

Ion Ratio Lower Upper

128 100

130 31.2 11.7 51.7

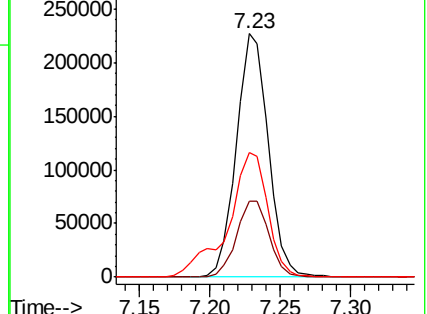
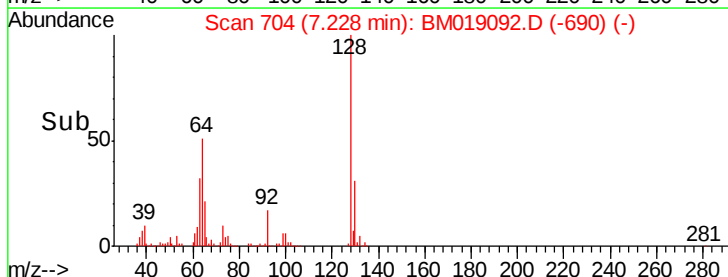
64 51.2 31.0 71.0

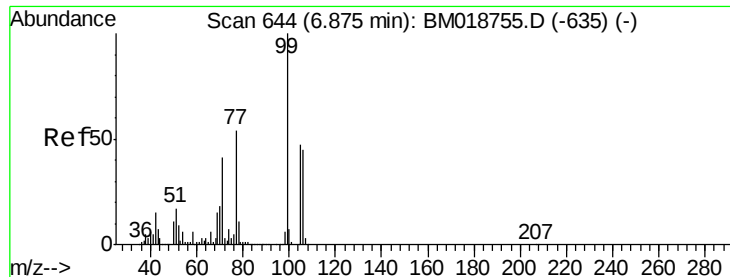


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 33.526 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampled :

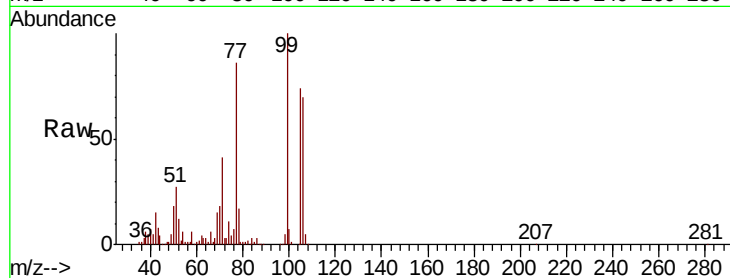
Tot Ion: 77 Resp: 304965

Ion Ratio Lower Upper

77 100

105 86.1 67.3 107.3

106 81.5 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)

250000

200000

150000

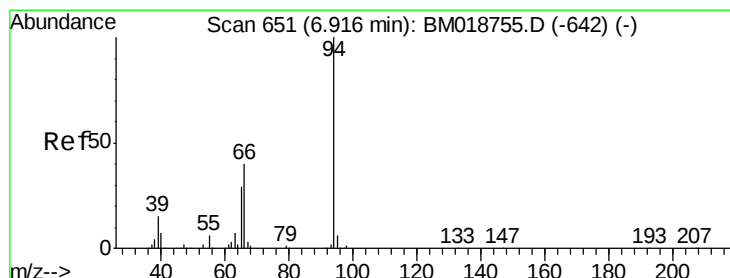
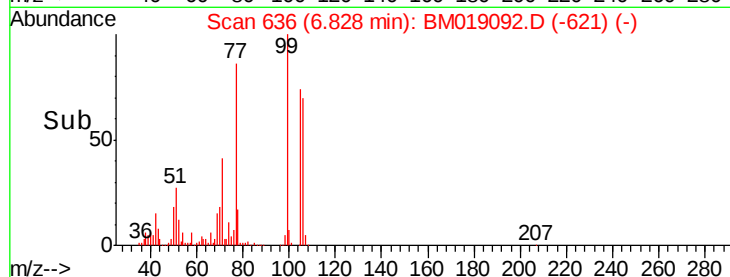
100000

50000

0

6.75 6.80 6.85 6.90

Time-->



#10

Phenol

Concen: 26.837 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

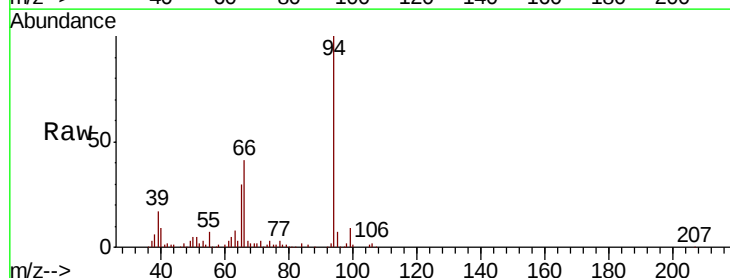
Tgt Ion: 94 Resp: 469282

Ion Ratio Lower Upper

94 100

65 30.0 9.6 49.6

66 40.6 20.4 60.4



Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

400000

300000

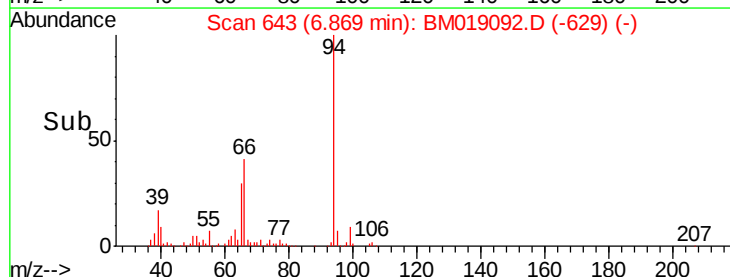
200000

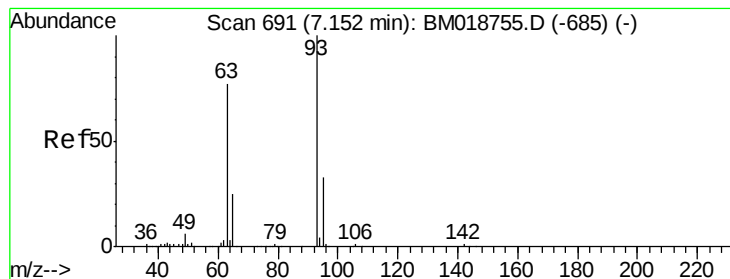
100000

0

6.80 6.85 6.90 6.95

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 26.988 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

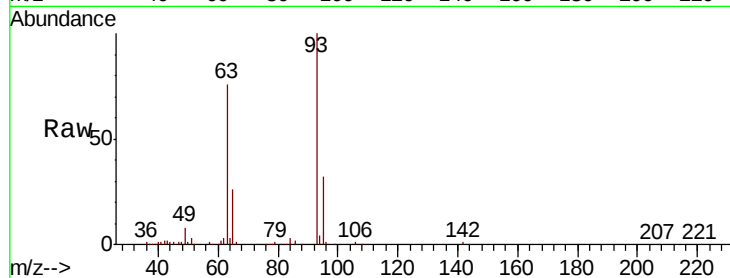
Tot Ion: 93 Resp: 360000

Ion Ratio Lower Upper

93 100

63 76.3 57.0 97.0

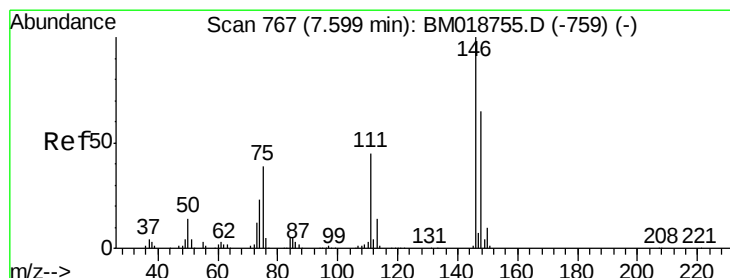
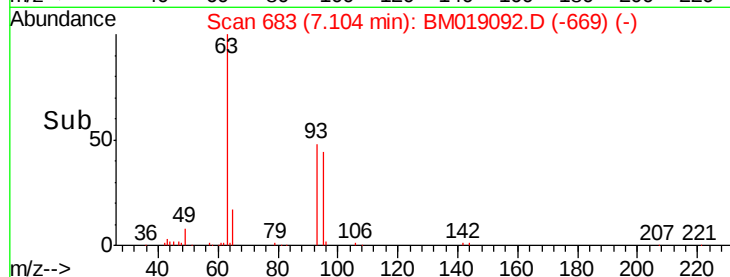
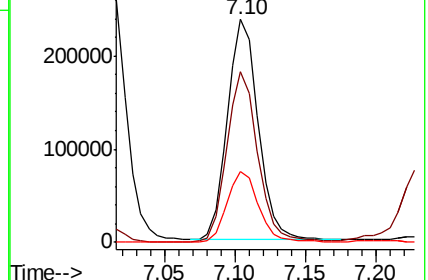
95 31.8 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BM018755.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018755.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 25.818 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

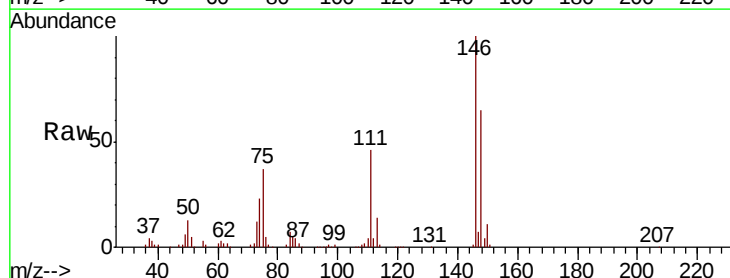
Tgt Ion: 146 Resp: 376022

Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

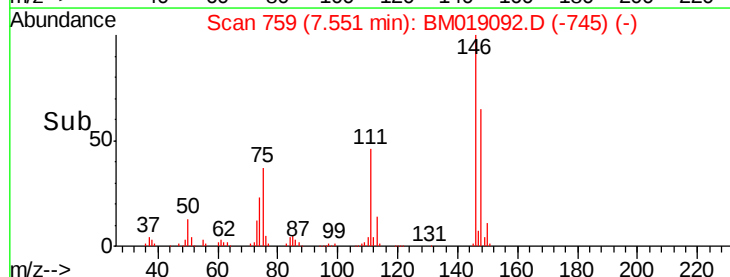
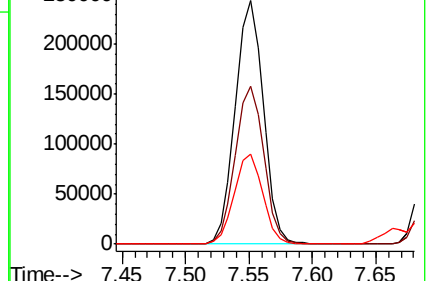
75 37.2 31.3 46.9

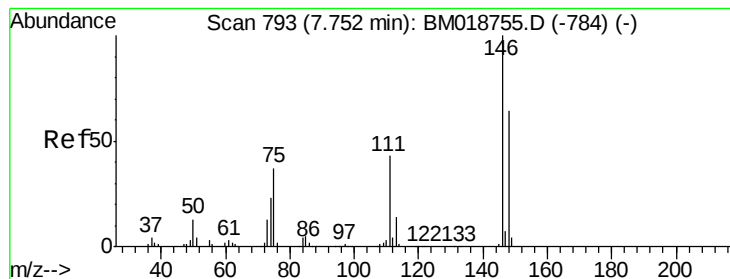


Abundance Ion 146.00 (145.70 to 146.70): BM018755.D (-759) (-)

Ion 148.00 (147.70 to 148.70): BM018755.D (-759) (-)

Ion 75.00 (74.70 to 75.70): BM018755.D (-759) (-)





#13

1,4-Dichlorobenzene

Concen: 26.076 ng

RT: 7.70 min Scan# 784

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

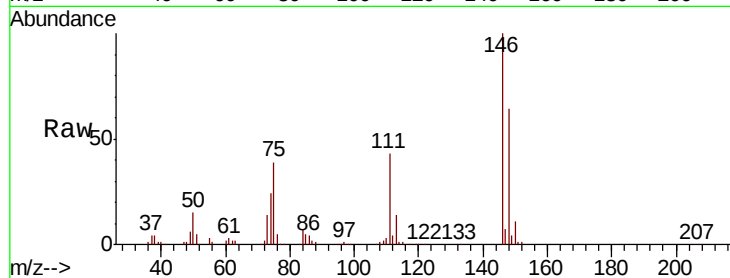
Tot Ion:146 Resp: 386632

Ion Ratio Lower Upper

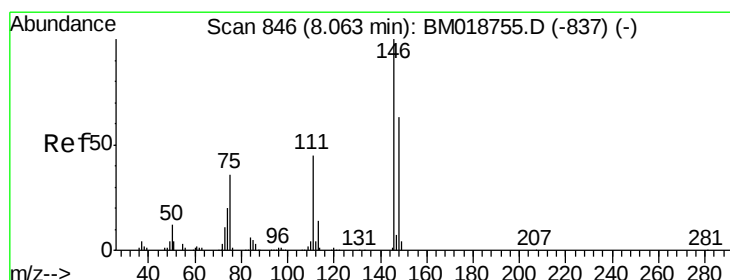
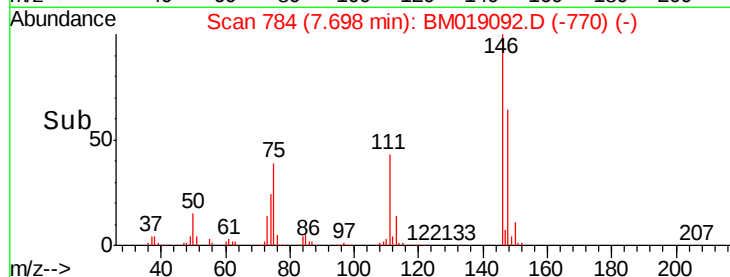
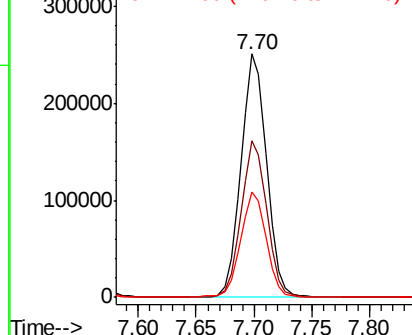
146 100

148 64.4 51.4 77.2

111 43.2 34.6 52.0



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: 26.806 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

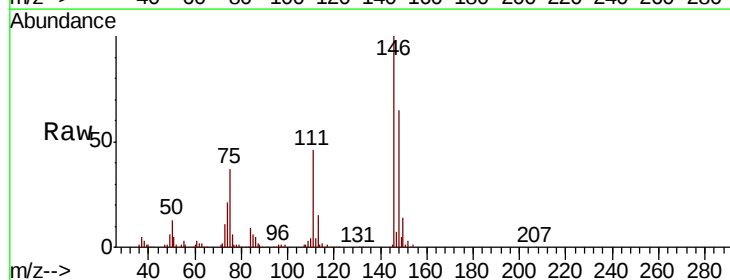
Tgt Ion:146 Resp: 381766

Ion Ratio Lower Upper

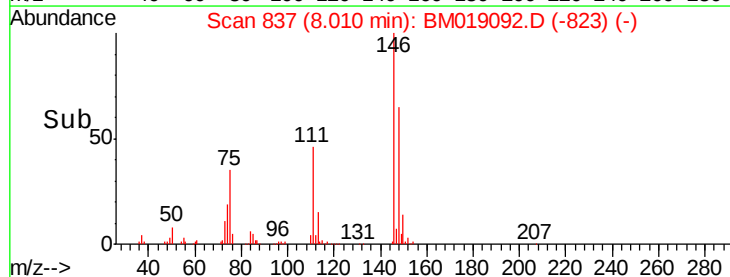
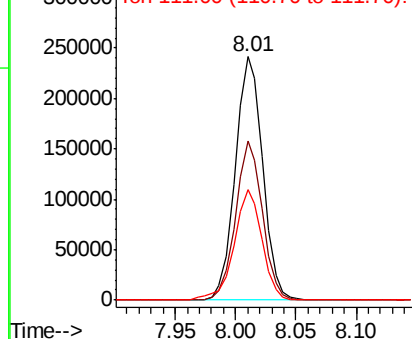
146 100

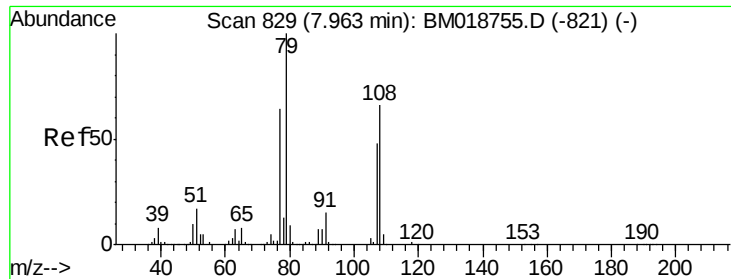
148 65.4 50.7 76.1

111 45.6 35.9 53.9



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: 27.406 ng

RT: 7.92 min Scan# 821

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

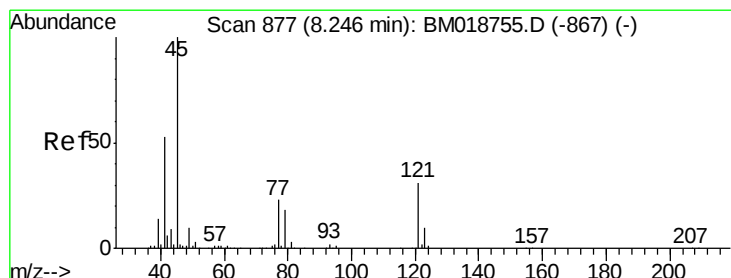
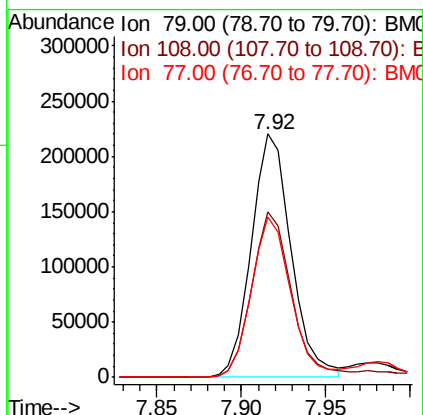
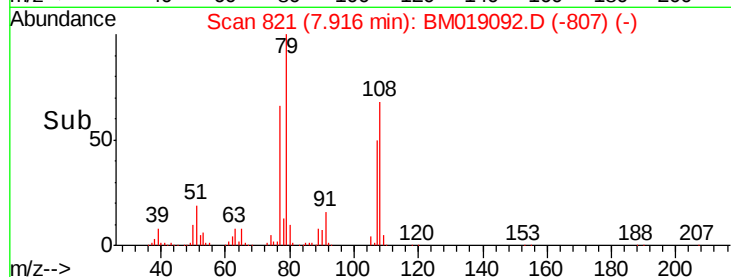
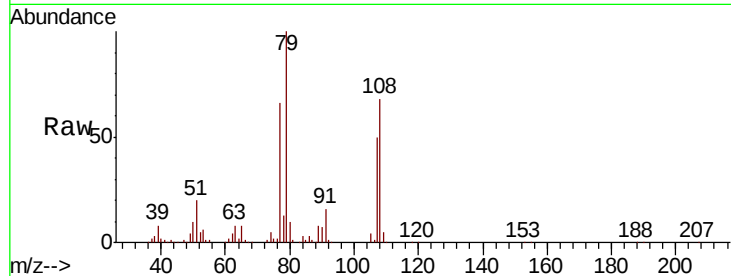
Tot Ion: 79 Resp: 361906

Ion Ratio Lower Upper

79 100

108 68.2 52.7 79.1

77 65.9 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.275 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

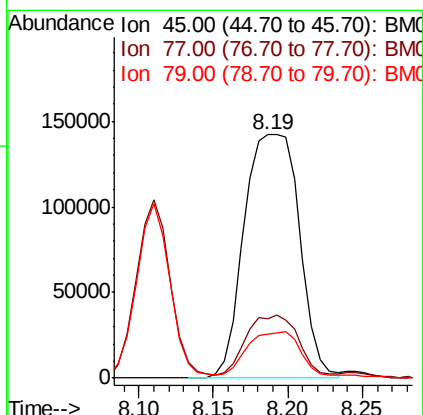
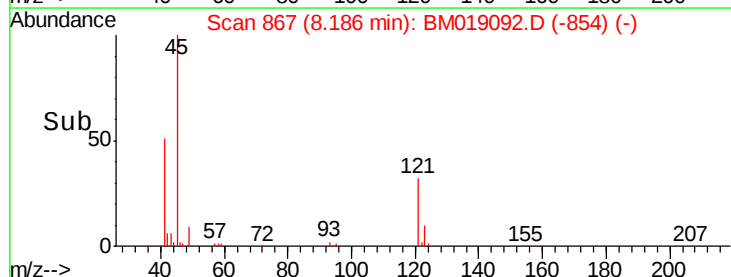
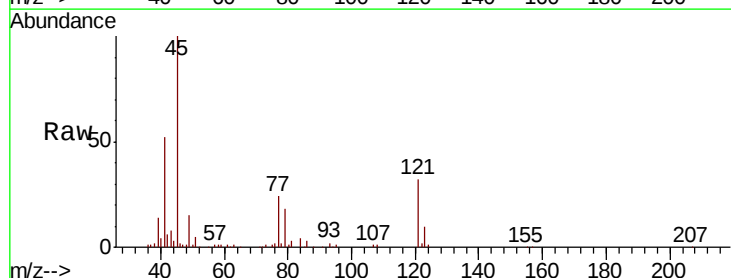
Tgt Ion: 45 Resp: 365044

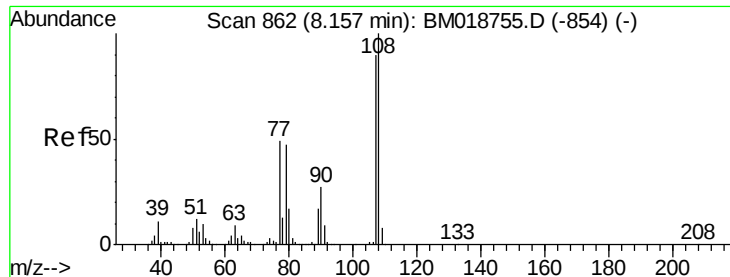
Ion Ratio Lower Upper

45 100

77 24.2 5.0 45.0

79 18.3 0.0 39.3

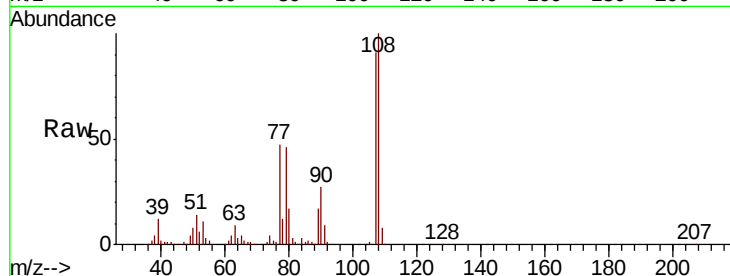




#17
2-Methylphenol
Concen: 27.613 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	88.8	133.2
77	51.9	44.0	66.0
79	50.6	42.4	63.6



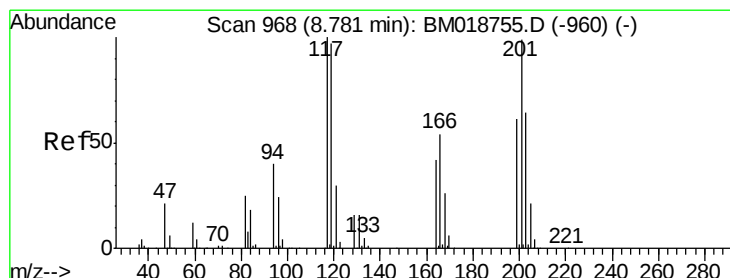
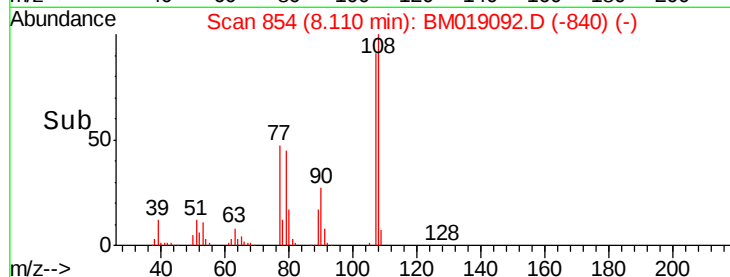
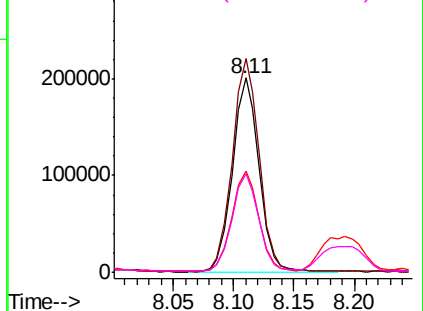
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

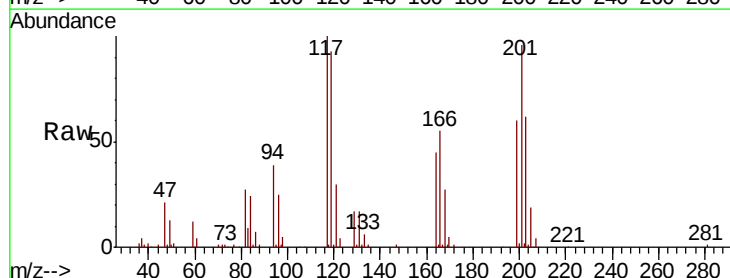
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 26.619 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.9	116.9
201	95.8	79.2	118.8

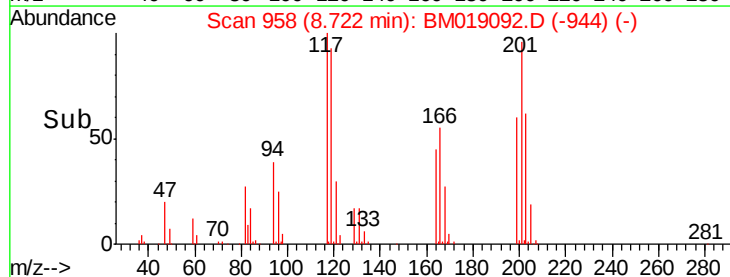
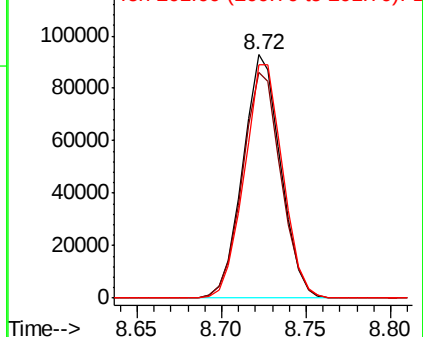


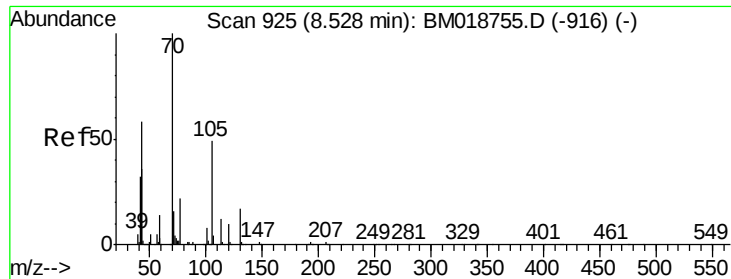
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

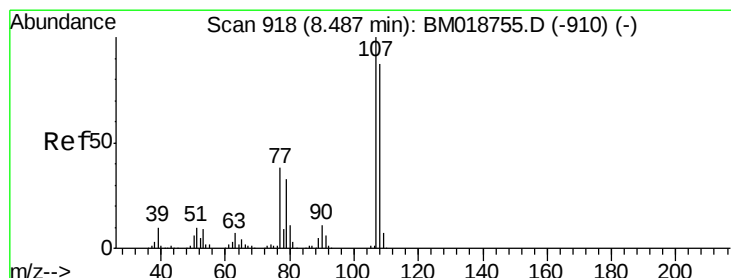
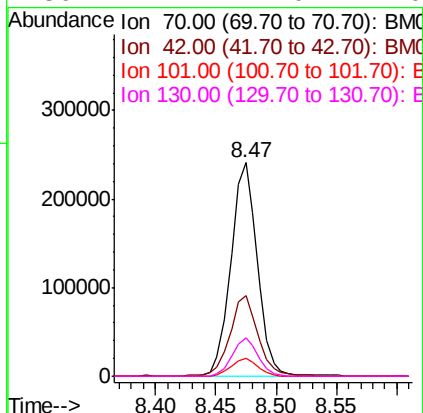
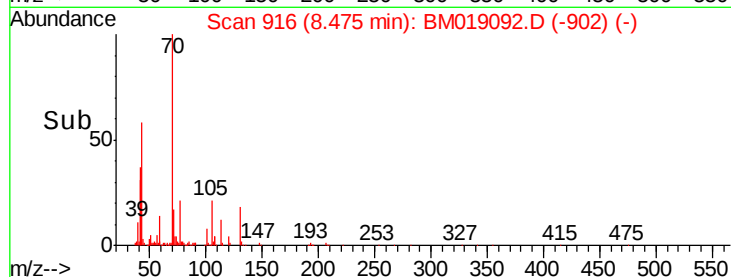
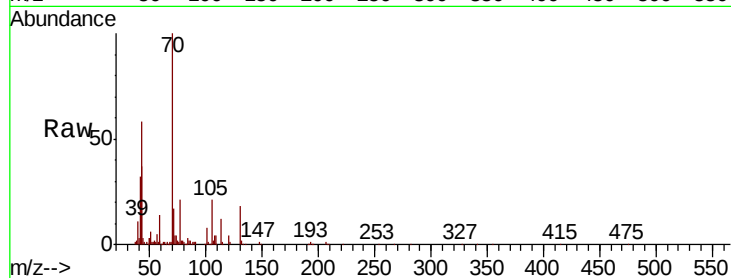




#19
n-Nitroso-di-n-propylamine
Concen: 28.634 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

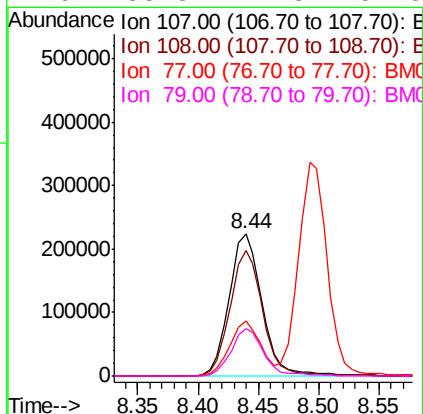
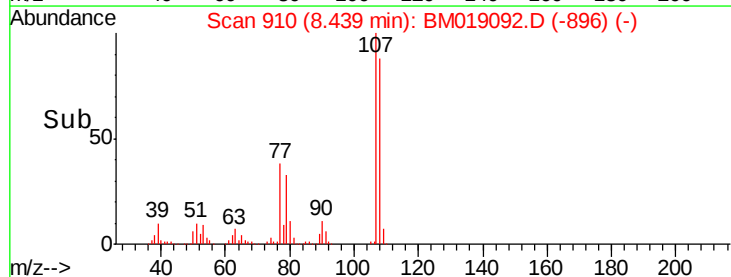
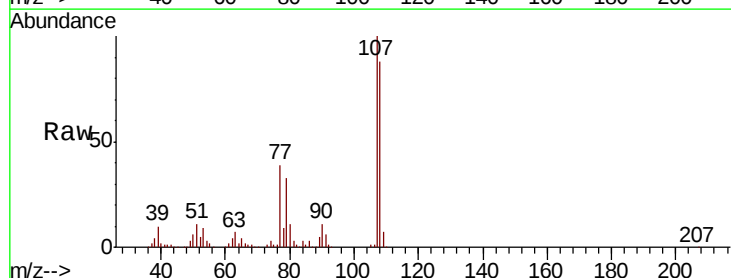
Instrument :
BNA_G
ClientSampleId :

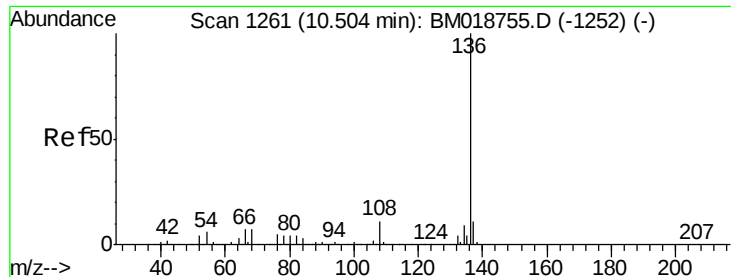
Tot Ion: 70 Resp: 368461
Ion Ratio Lower Upper
70 100
42 37.5 29.4 44.0
101 8.4 6.7 10.1
130 17.7 14.0 21.0



#20
3+4-Methylphenols
Concen: 27.657 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion: 107 Resp: 425044
Ion Ratio Lower Upper
107 100
108 88.0 67.3 107.3
77 38.5 18.0 58.0
79 33.3 12.8 52.8

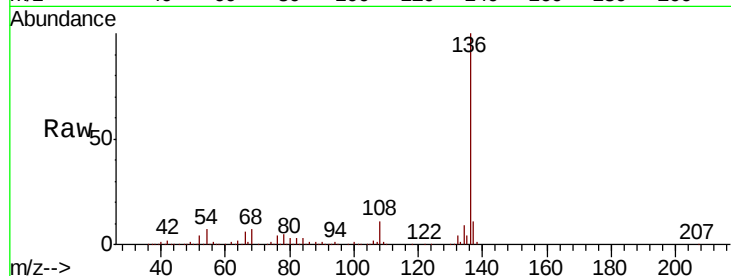




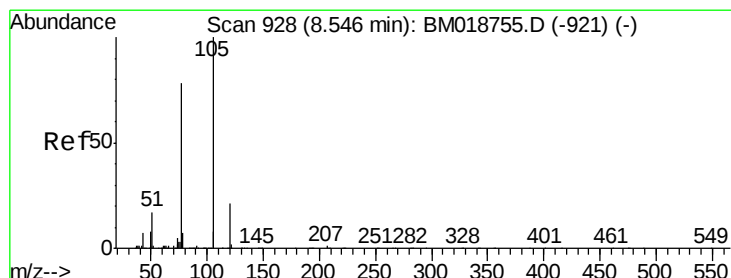
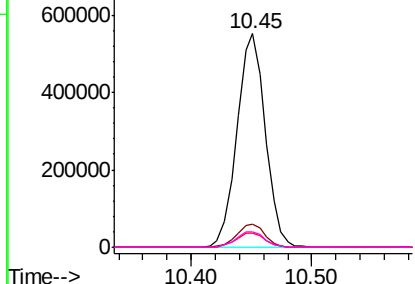
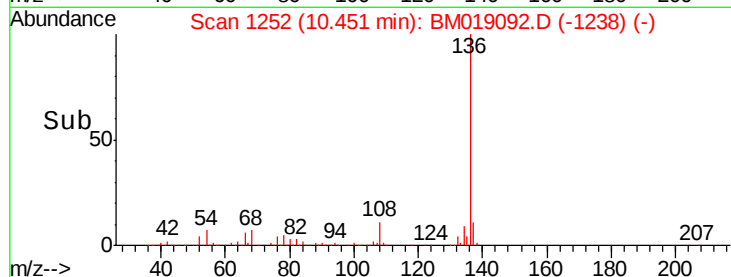
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 903621
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.6	5.0 7.6
68 7.3	5.5 8.3

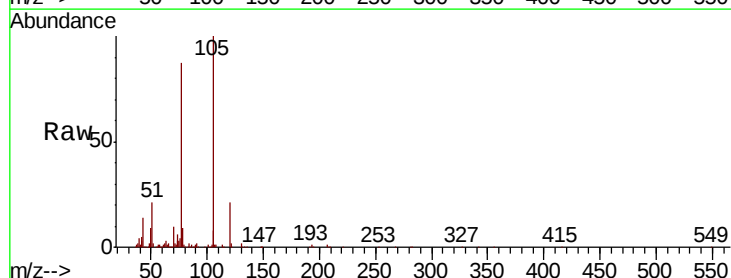


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

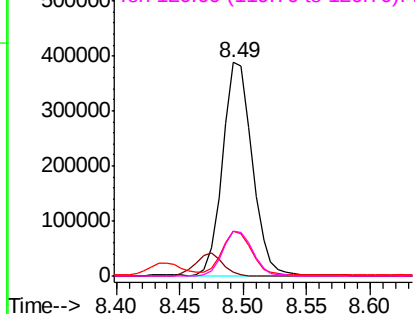
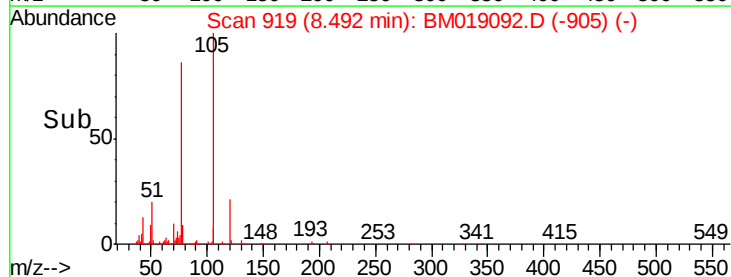


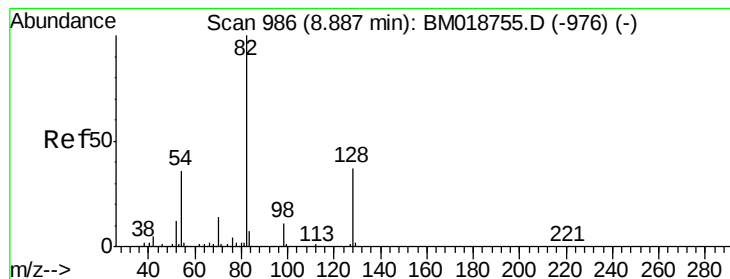
#22
Acetophenone
Concen: 25.220 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:105	Resp: 625839
Ion Ratio	Lower Upper
105 100	
71 1.6	1.1 1.7
51 20.7	15.5 23.3
120 20.9	17.0 25.4



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: 49.367 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

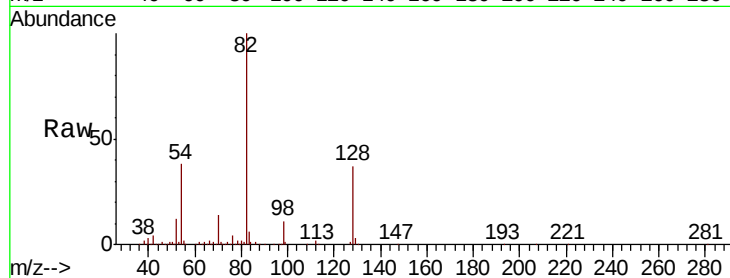
Tot Ion: 82 Resp: 964748

Ion Ratio Lower Upper

82 100

128 36.5 29.9 44.9

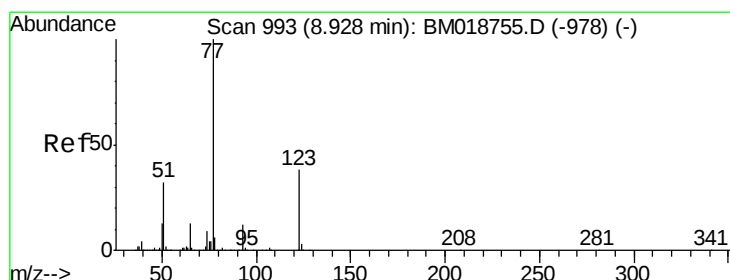
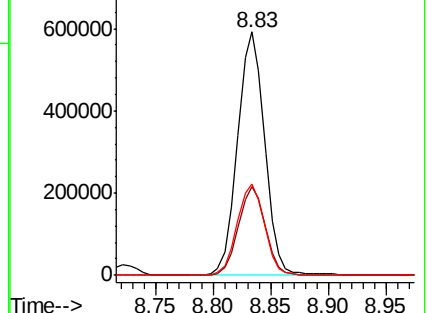
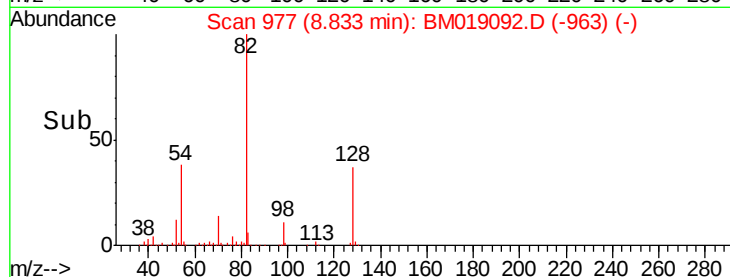
54 37.6 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 24.710 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

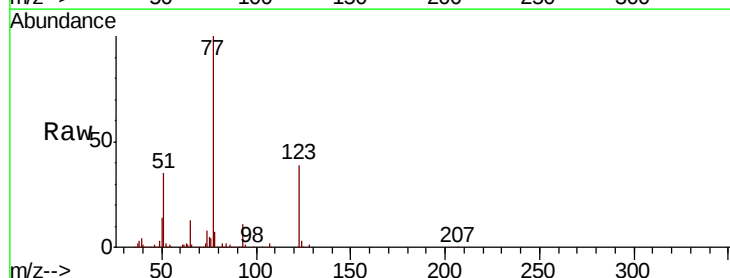
Tgt Ion: 77 Resp: 501247

Ion Ratio Lower Upper

77 100

123 38.9 30.7 46.1

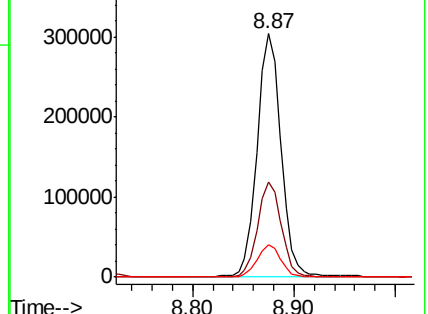
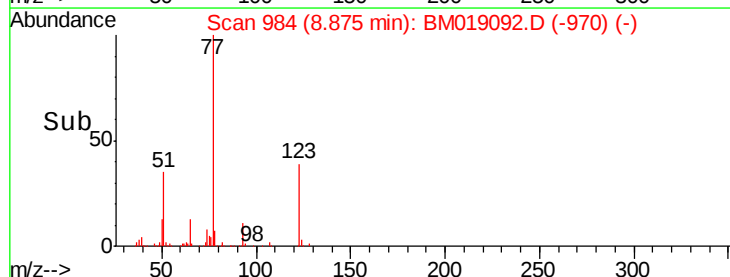
65 13.2 10.5 15.7

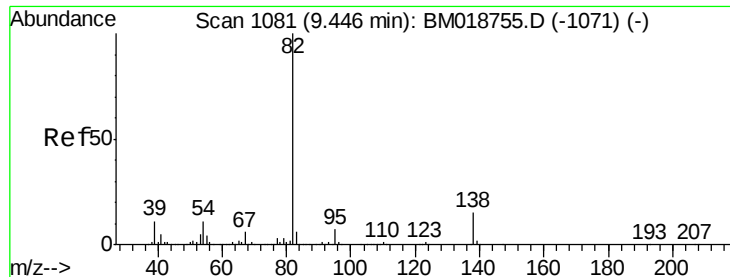


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 29.489 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

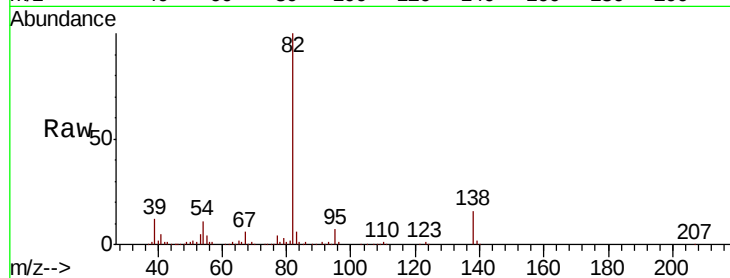
Tot Ion: 82 Resp: 919526

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

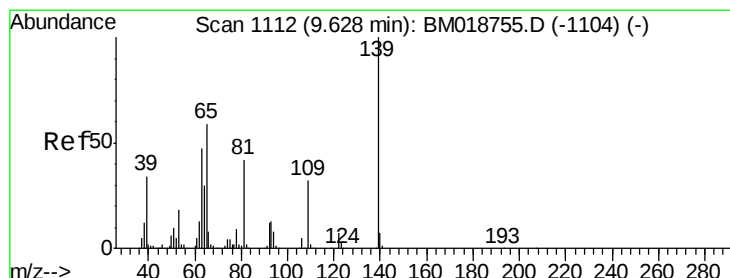
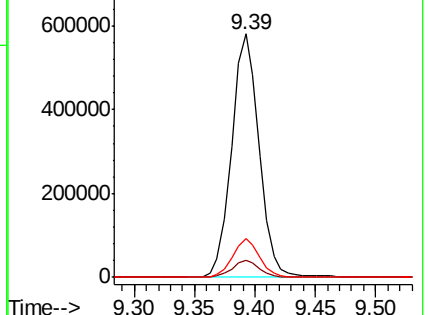
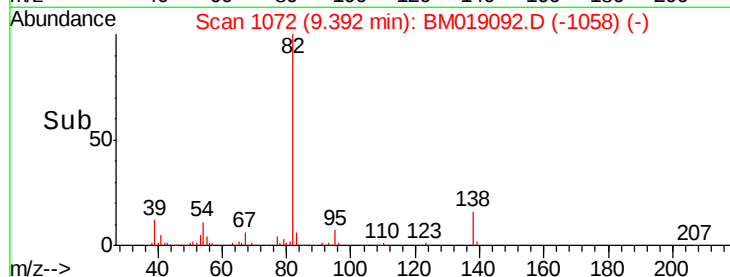
138 15.8 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM019092.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM019092.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM019092.D (-1072) (-)



#26

2-Nitrophenol

Concen: 25.818 ng

RT: 9.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

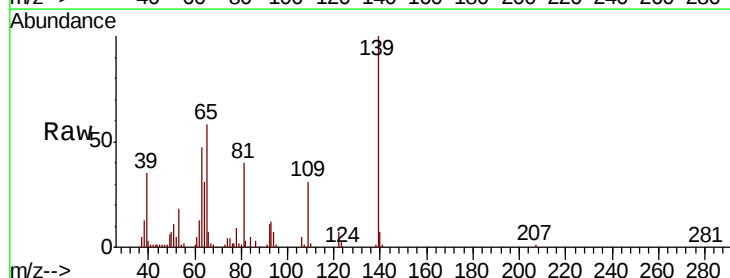
Tgt Ion: 139 Resp: 208568

Ion Ratio Lower Upper

139 100

109 31.0 25.2 37.8

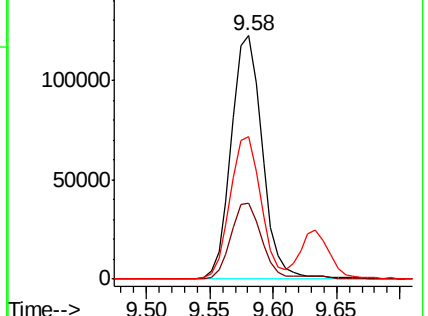
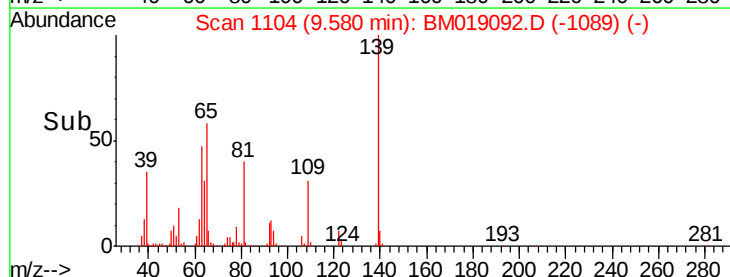
65 58.5 47.0 70.4

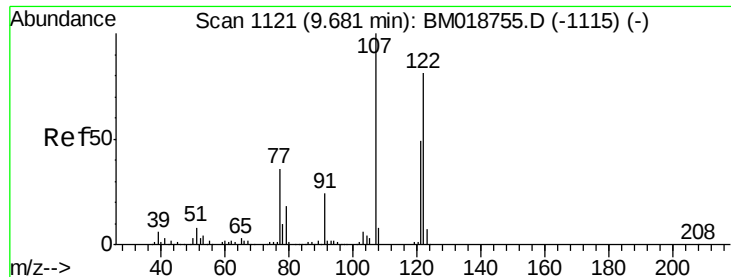


Abundance Ion 139.00 (138.70 to 139.70): BM019092.D (-1089) (-)

Ion 109.00 (108.70 to 109.70): BM019092.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BM019092.D (-1089) (-)

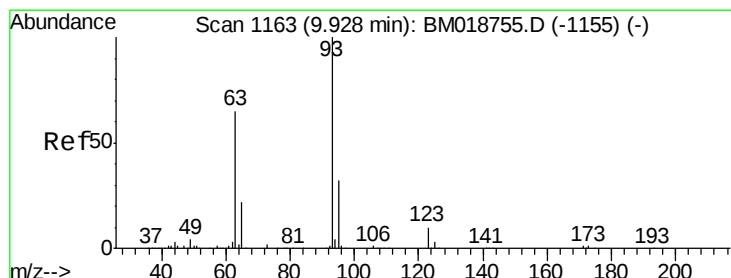
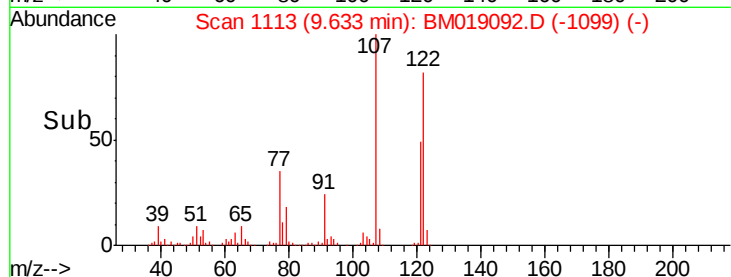
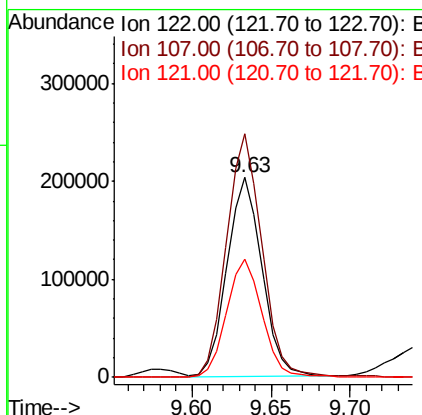
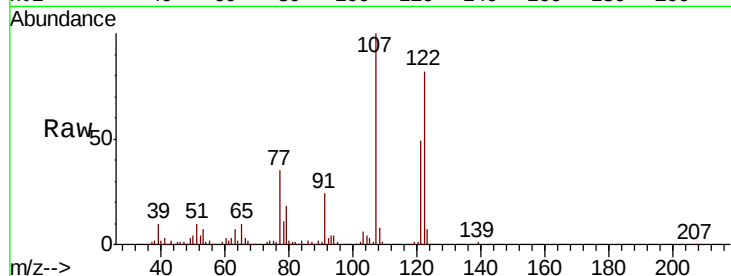




#27
 2,4-Dimethylphenol
 Concen: 26.309 ng
 RT: 9.63 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

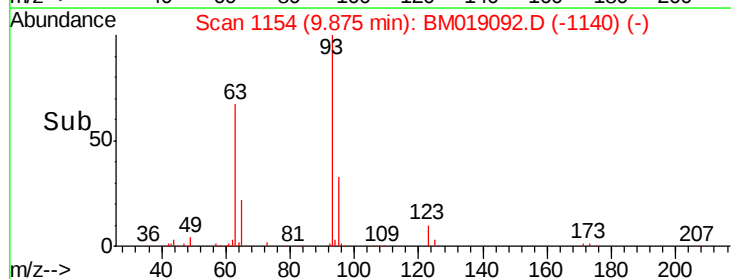
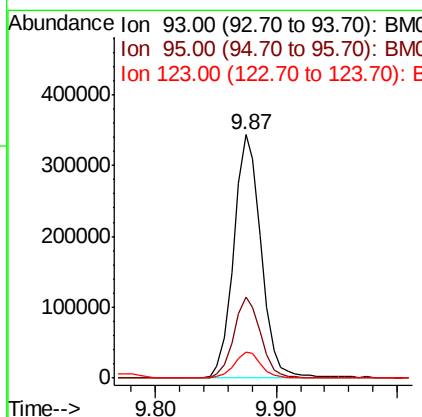
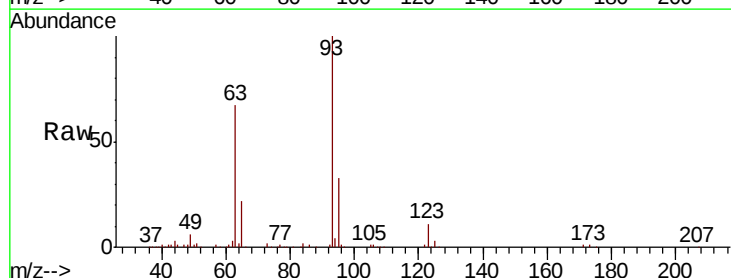
Instrument :
 BNA_G
 ClientSampleId :

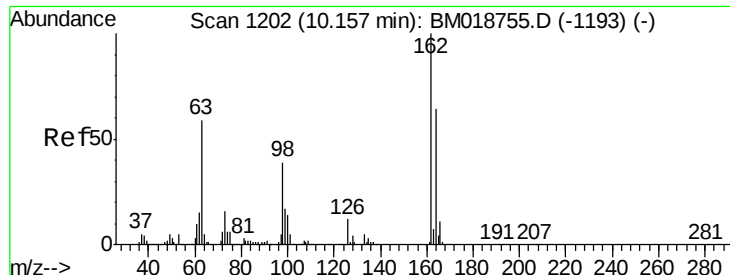
Tot Ion:122 Resp: 310420
 Ion Ratio Lower Upper
 122 100
 107 121.8 97.6 146.4
 121 59.1 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.058 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt Ion: 93 Resp: 545605
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.6 38.4
 123 10.7 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 25.425 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampled :

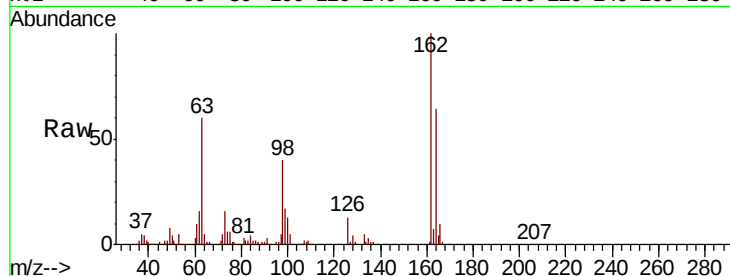
Tot Ion:162 Resp: 344452

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

98 40.1 19.4 59.4

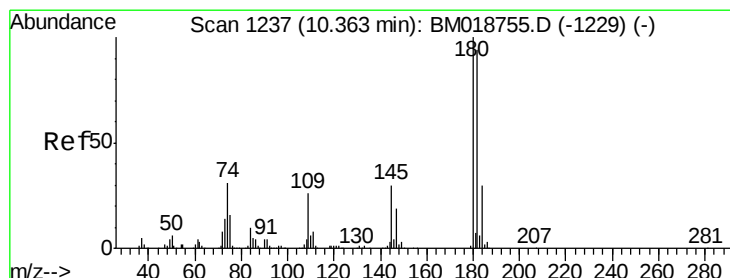
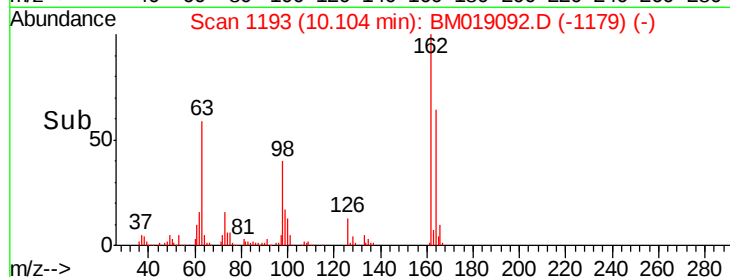
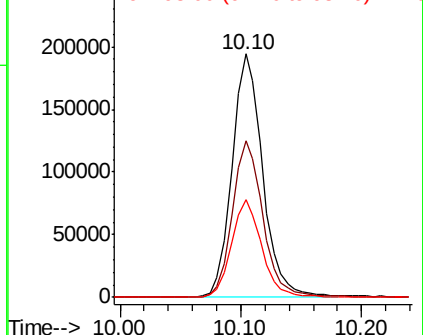


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 24.060 ng

RT: 10.31 min Scan# 1228

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

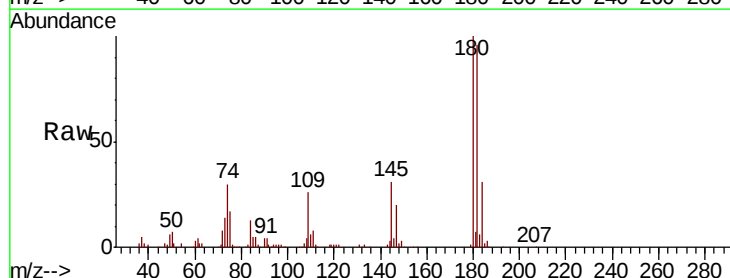
Tgt Ion:180 Resp: 376435

Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 31.0 24.1 36.1

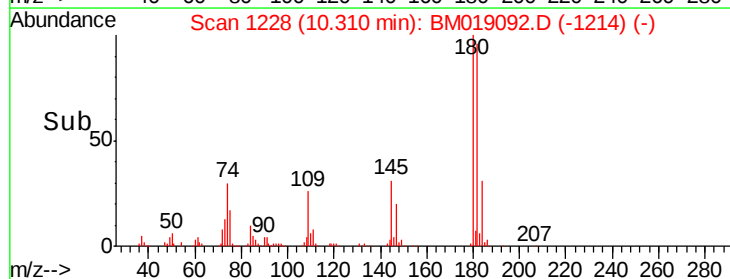
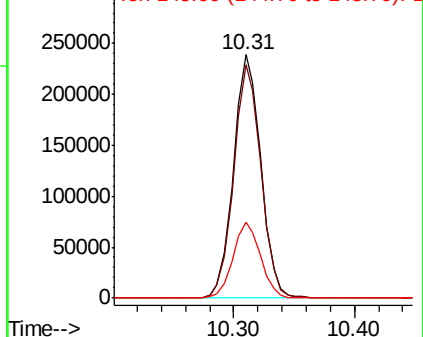


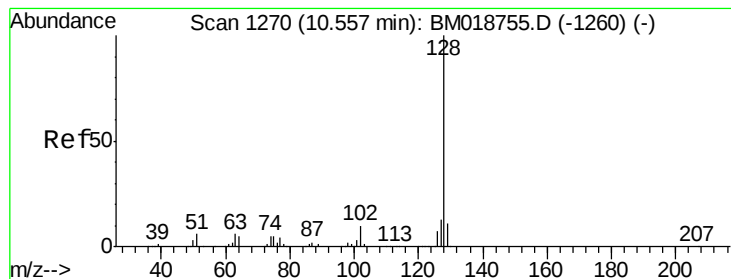
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

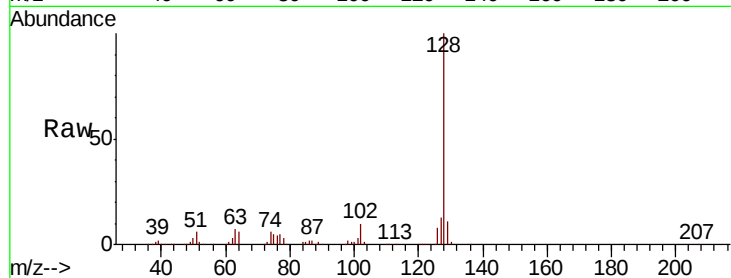




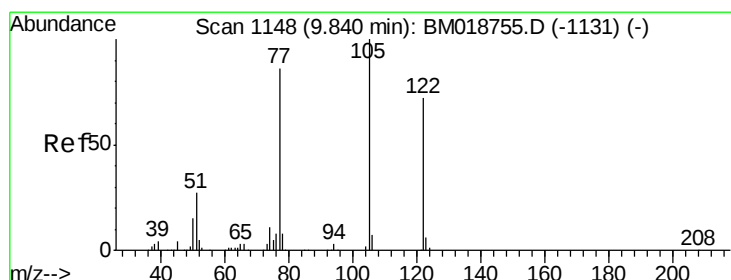
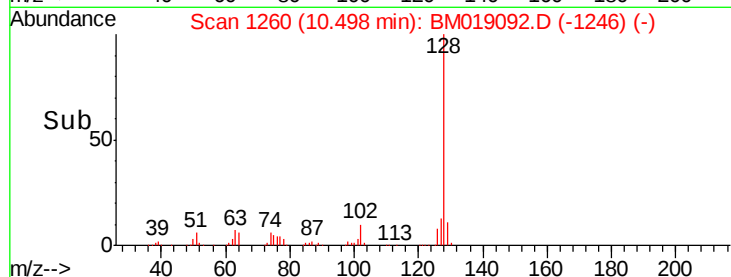
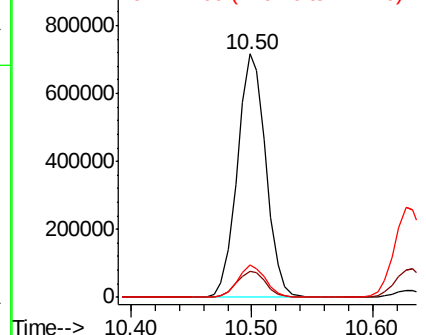
#31
Naphthalene
Concen: 26.745 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1178682
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.7 16.1

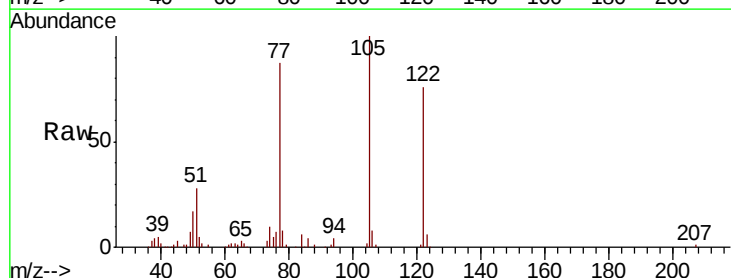


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

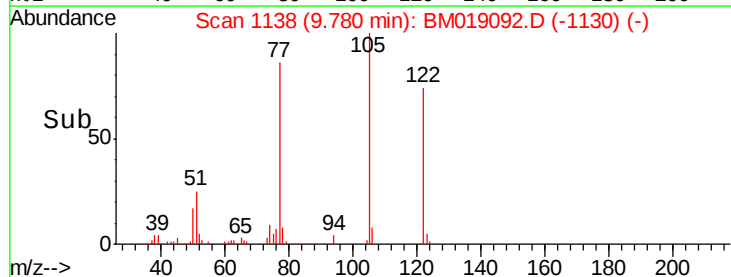
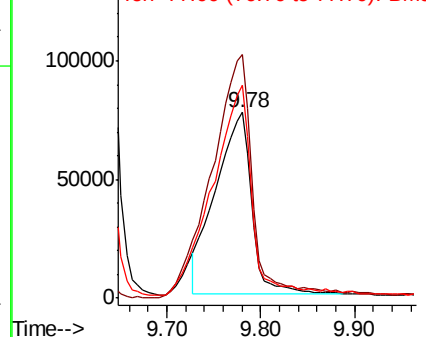


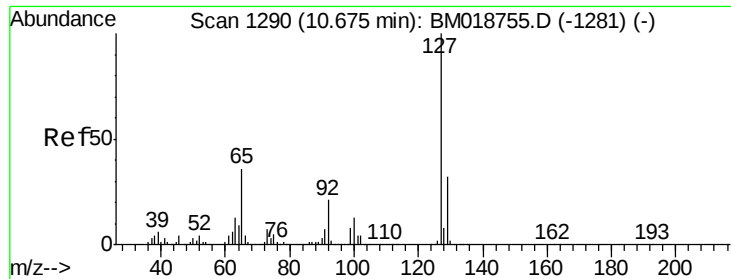
#32
Benzoic acid
Concen: 19.839 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:122 Resp: 204193
Ion Ratio Lower Upper
122 100
105 131.0 117.5 157.5
77 114.6 98.5 138.5



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

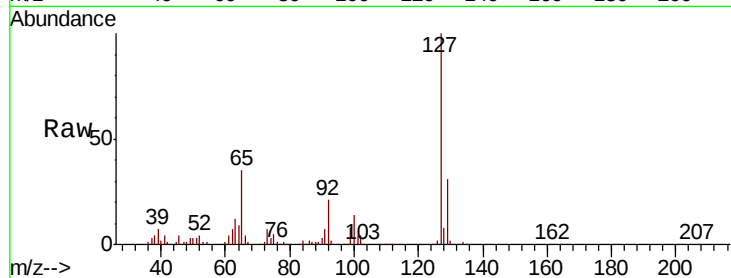




#33
4-Chloroaniline
Concen: 25.247 ng
RT: 10.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	497376
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.7	38.5
65	34.5	28.7	43.1
92	20.9	17.0	25.4



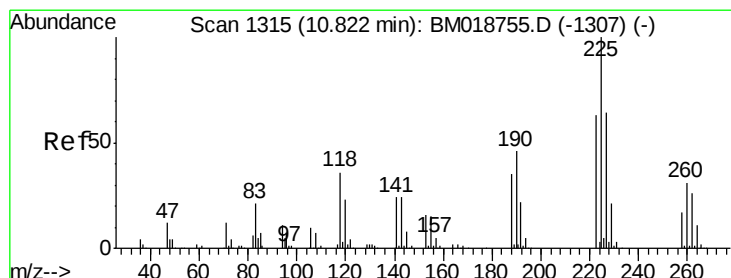
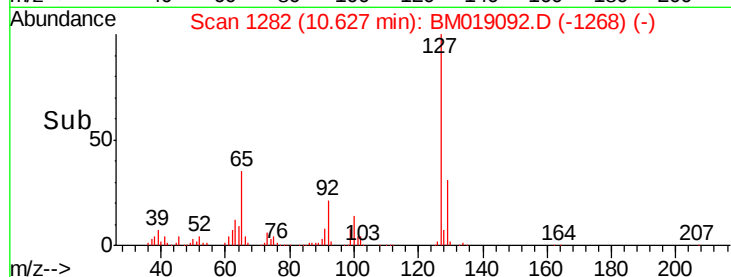
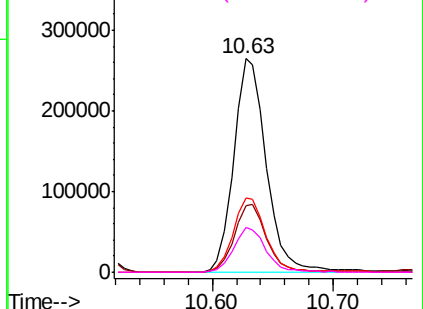
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

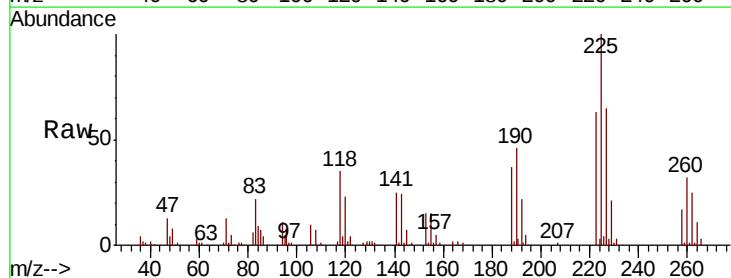
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 24.021 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:	225	Resp:	218152
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	65.1	51.4	77.0

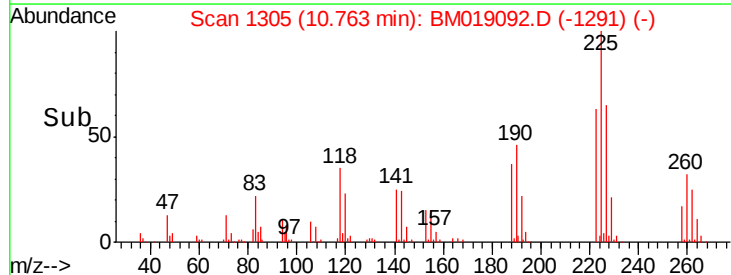
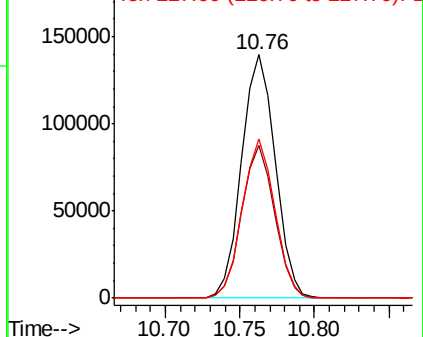


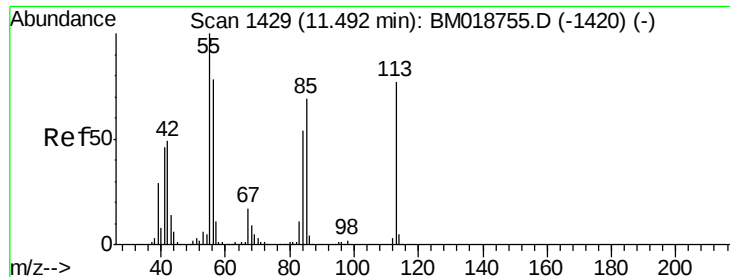
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.064 ng

RT: 11.43 min Scan# 1419

Delta R.T. -0.04 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

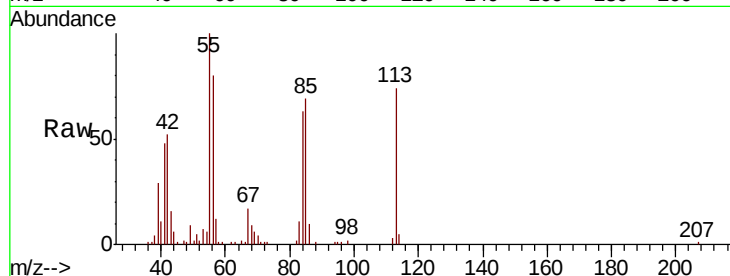
Tot Ion:113 Resp: 121996

Ion Ratio Lower Upper

113 100

55 135.4 110.7 150.7

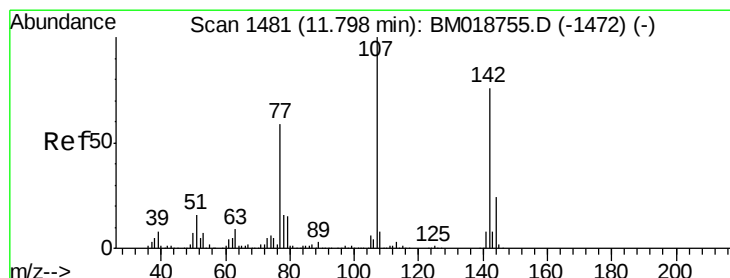
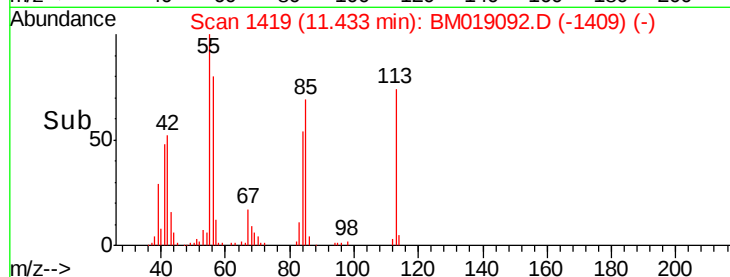
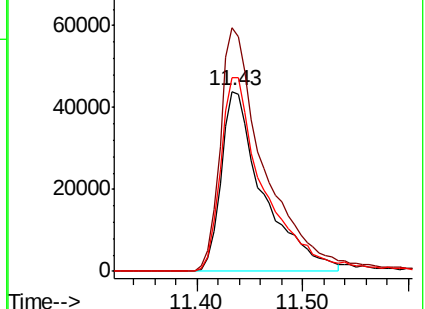
56 108.1 82.4 122.4



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: 25.988 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

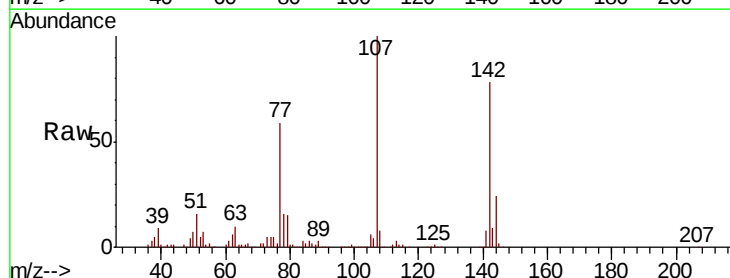
Tgt Ion:107 Resp: 424499

Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

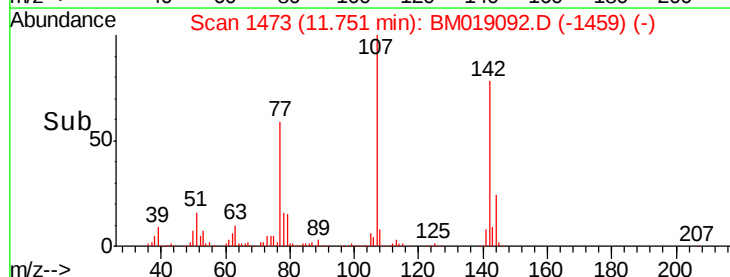
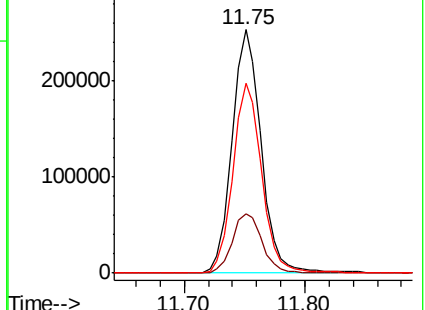
142 77.7 60.5 90.7

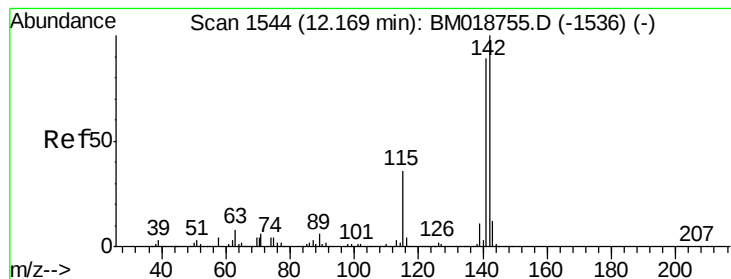


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

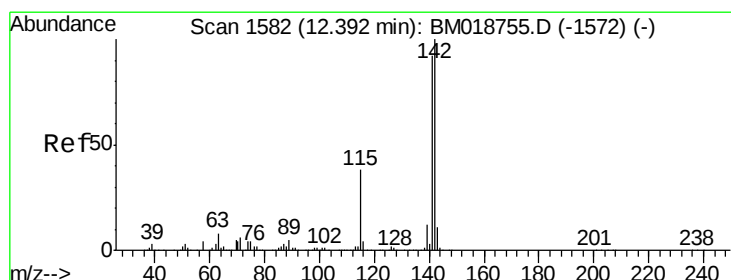
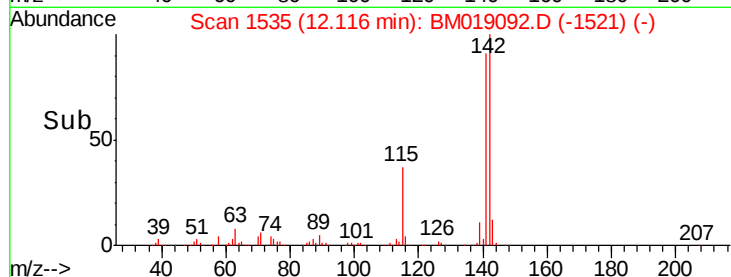
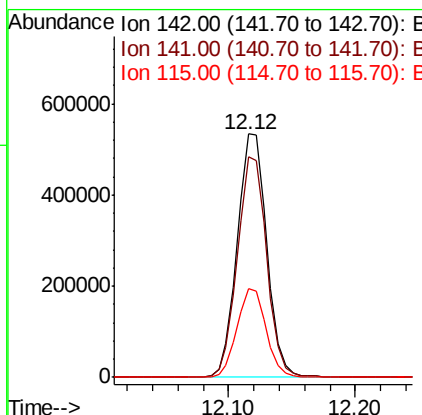
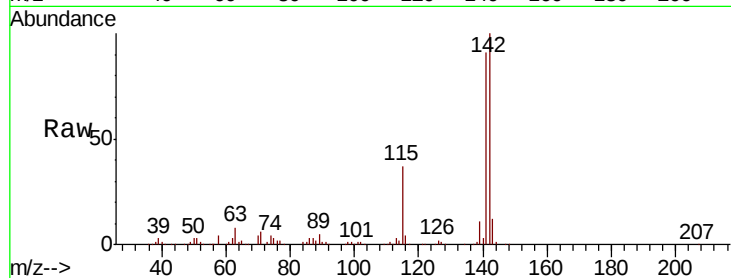




#37
 2-Methylnaphthalene
 Concen: 27.845 ng
 RT: 12.12 min Scan# 1535
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

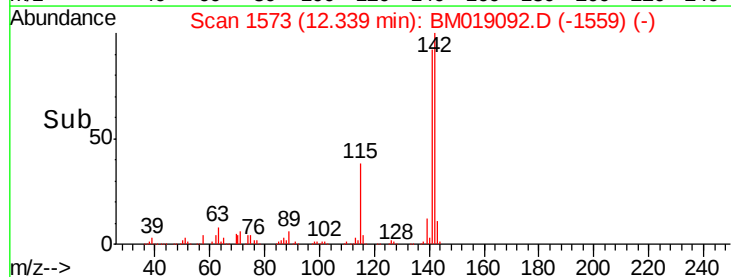
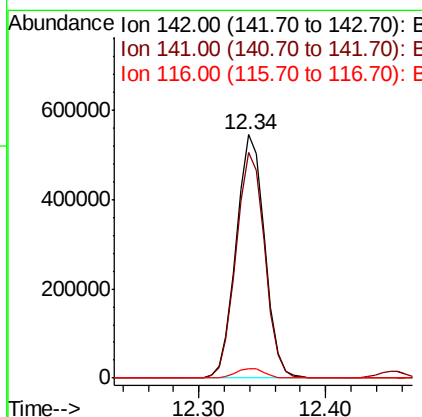
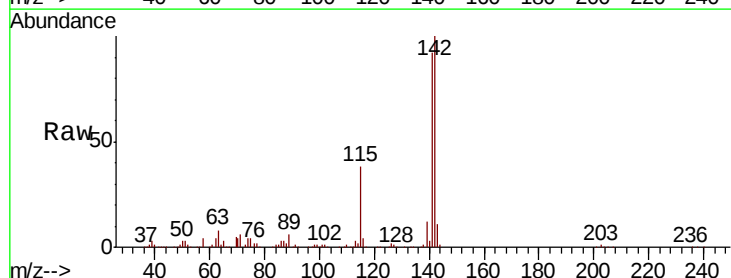
Instrument :
 BNA_G
 ClientSampleId :

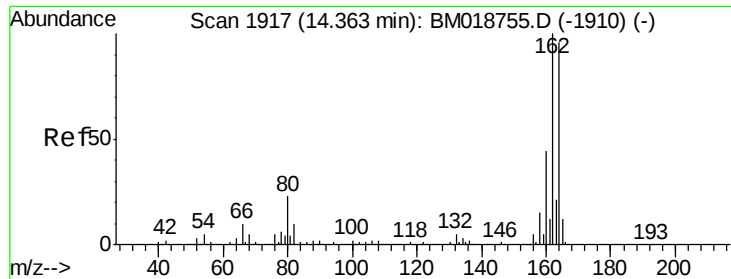
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.2	106.8
115	36.6	29.1	43.7



#38
 1-Methylnaphthalene
 Concen: 27.882 ng
 RT: 12.34 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	4.1	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

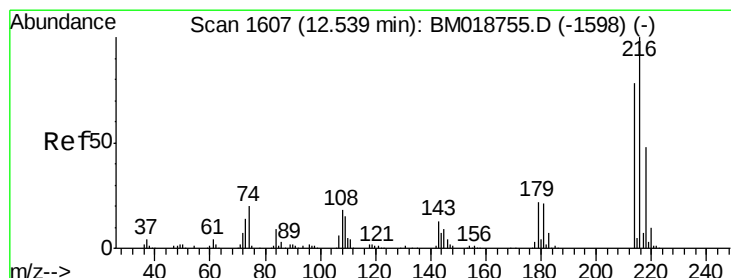
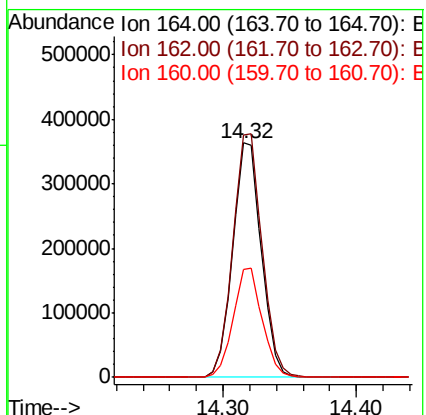
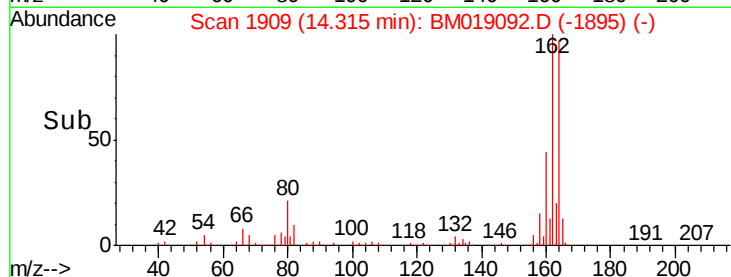
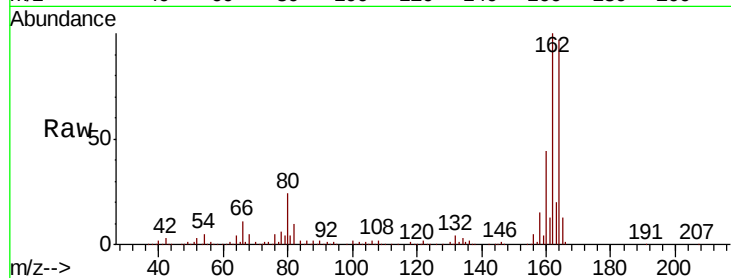
Tot Ion:164 Resp: 541217

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.0

160 46.0 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.364 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Tgt Ion:216 Resp: 421817

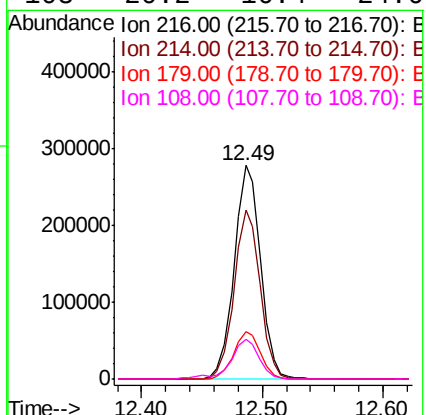
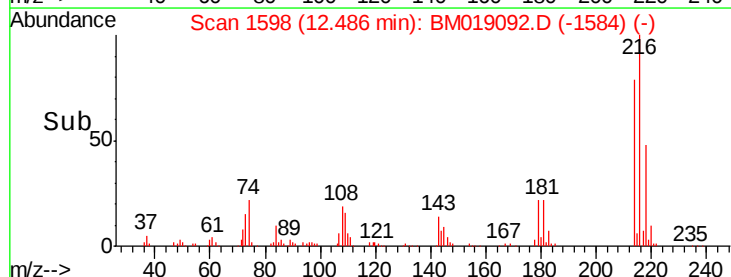
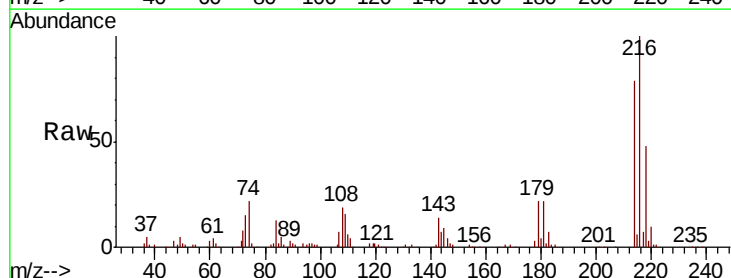
Ion Ratio Lower Upper

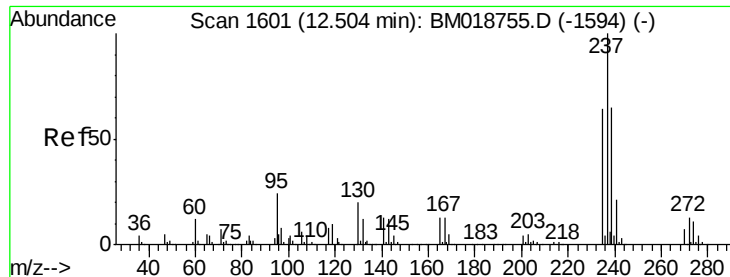
216 100

214 78.3 63.2 94.8

179 22.4 17.8 26.8

108 20.2 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 20.089 ng

RT: 12.45 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

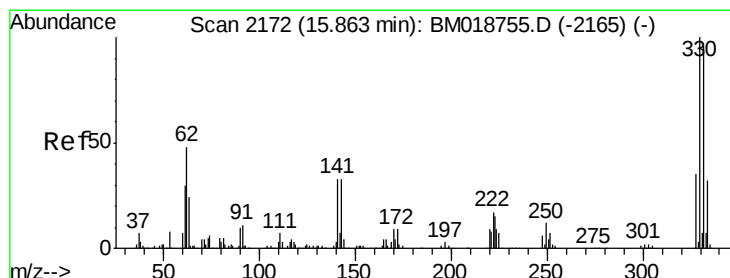
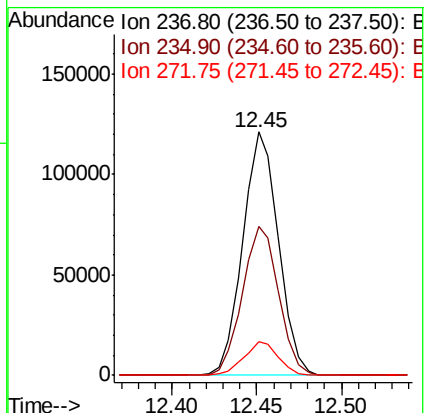
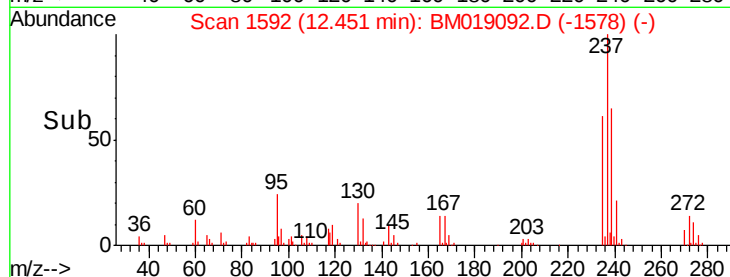
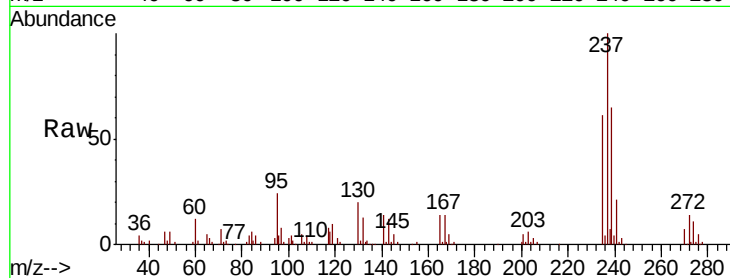
Tot Ion:237 Resp: 177822

Ion Ratio Lower Upper

237 100

235 61.3 43.7 83.7

272 13.7 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 51.076 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

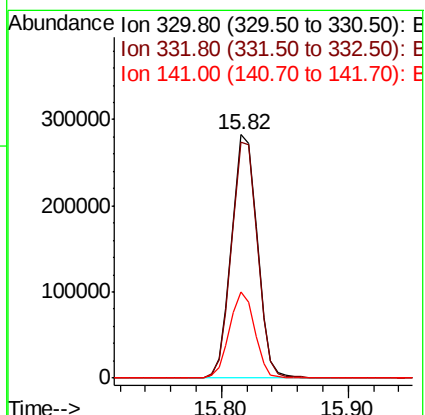
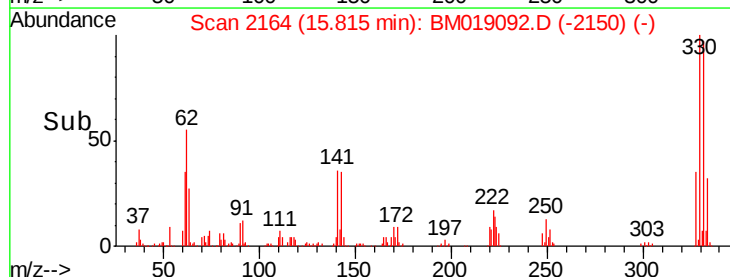
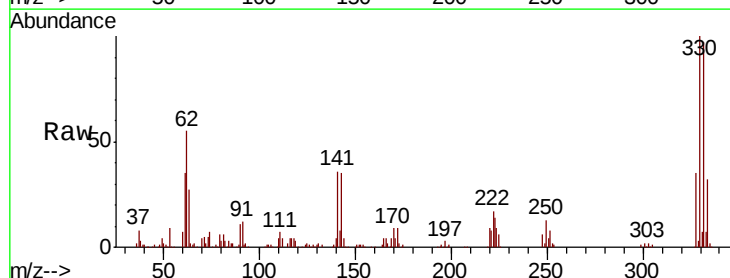
Tgt Ion:330 Resp: 398472

Ion Ratio Lower Upper

330 100

332 97.6 76.9 115.3

141 34.6 28.7 43.1

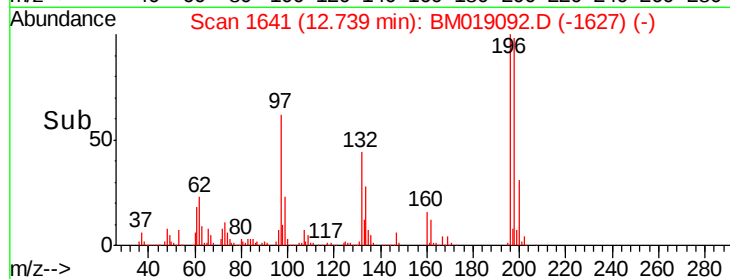
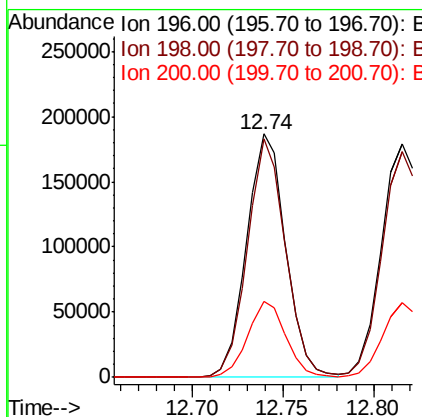
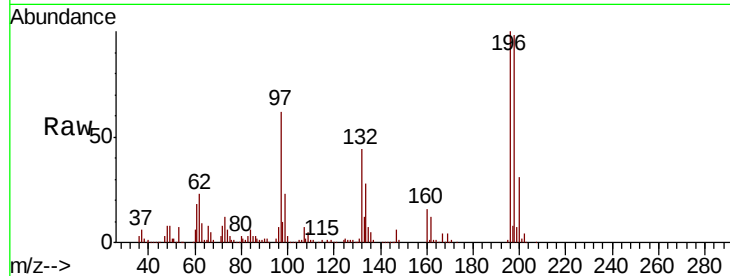




#43
 2,4,6-Trichlorophenol
 Concen: 24.428 ng
 RT: 12.74 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

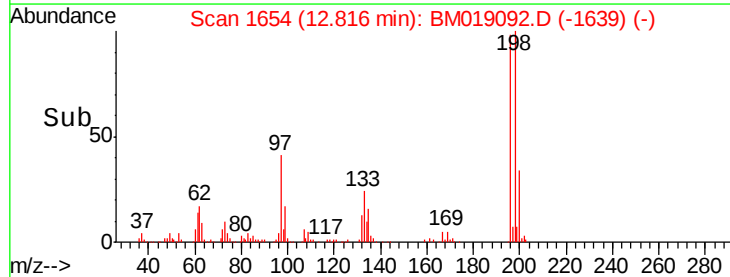
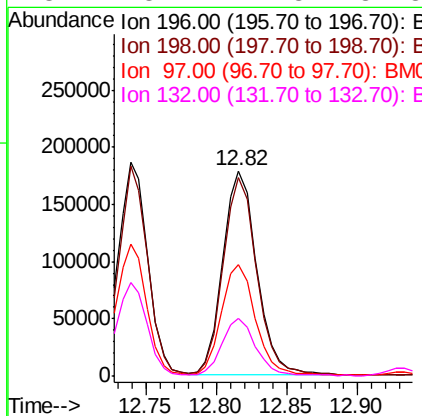
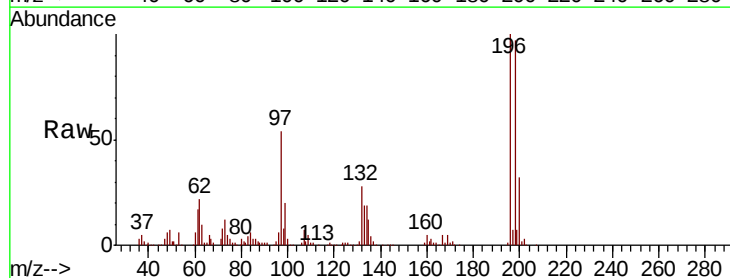
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196	Resp:	279969
Ion Ratio	Lower	Upper
196	100	
198	98.2	76.2 114.2
200	31.0	24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 24.676 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt Ion:196	Resp:	296427
Ion Ratio	Lower	Upper
196	100	
198	96.5	77.6 116.4
97	54.4	42.8 64.2
132	28.1	21.8 32.8



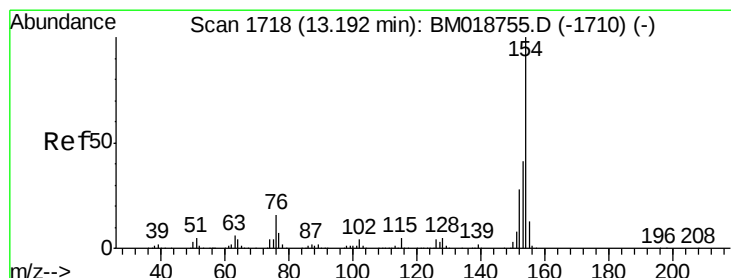
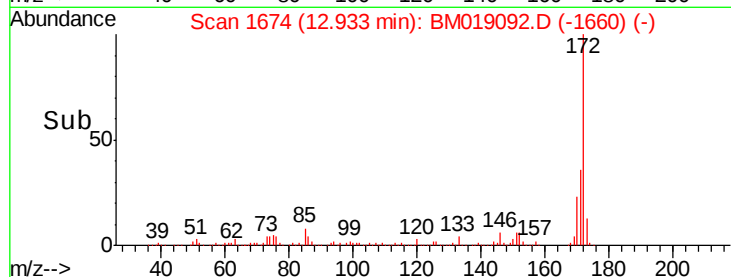
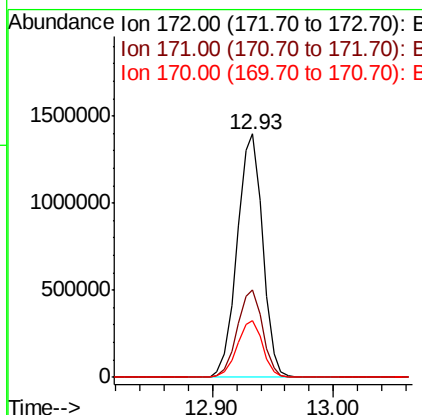
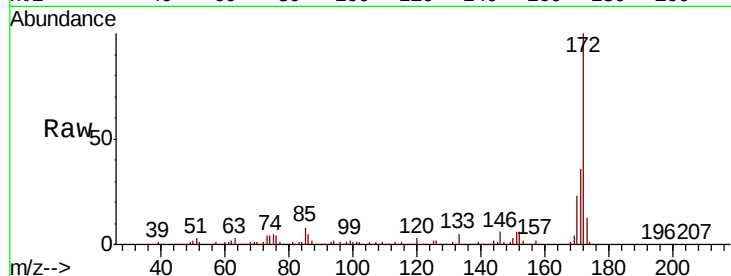


#45
 2-Fluorobiphenyl
 Concen: 50.396 ng
 RT: 12.93 min Scan# 1674
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 2054679

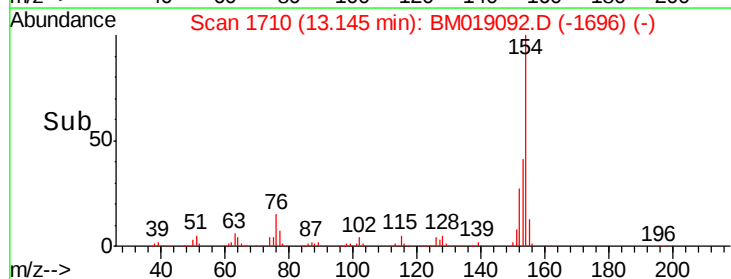
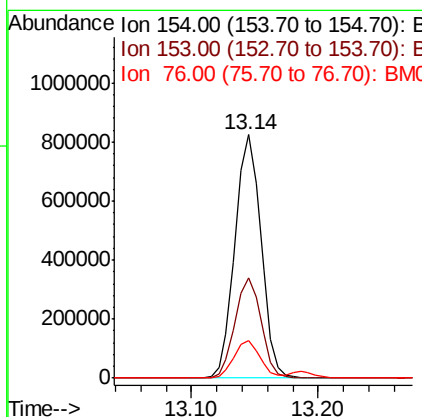
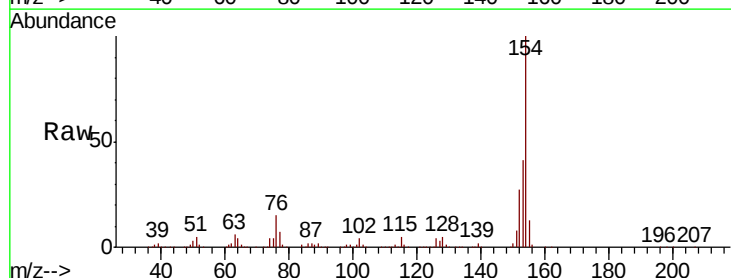
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.3	18.6	28.0

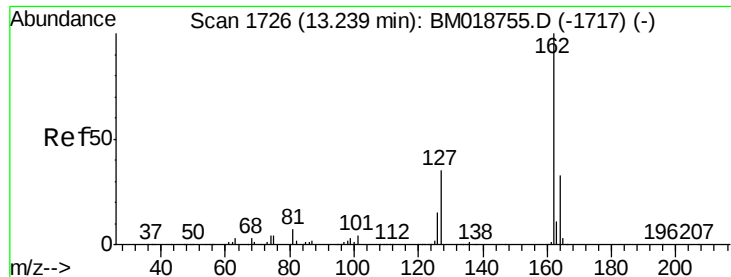


#46
 1,1'-Biphenyl
 Concen: 25.249 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt Ion:154 Resp: 1176254

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	15.3	0.0	35.7

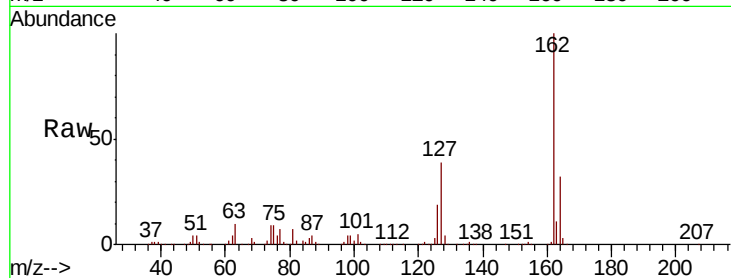




#47
2-Chloronaphthalene
Concen: 24.524 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	32.3	26.4	39.6

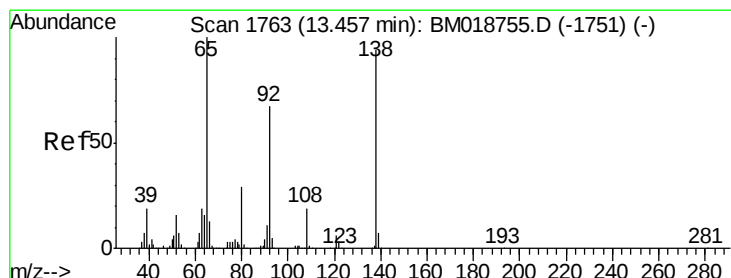
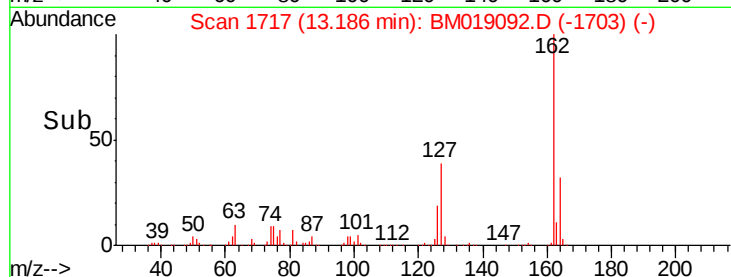
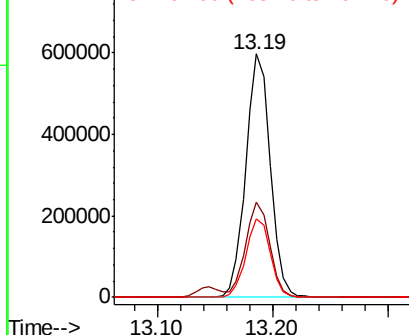


Abundance

Ion 162.00 (161.70 to 162.70): E

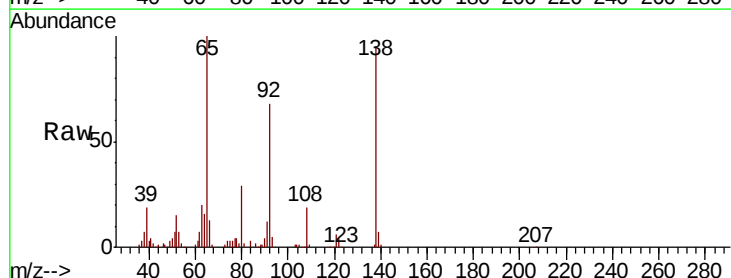
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 25.335 ng
RT: 13.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.0	81.0
138	94.9	74.9	112.3

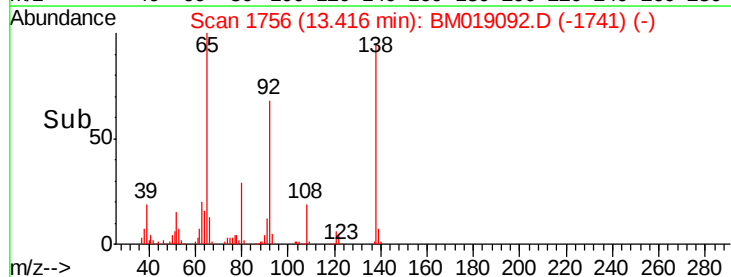
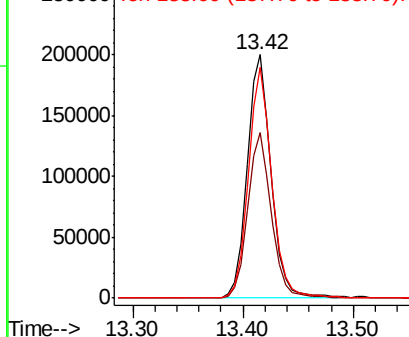


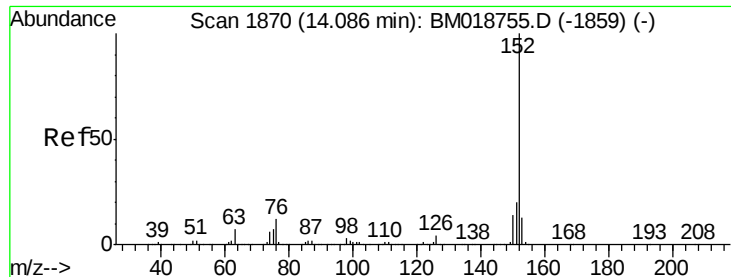
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 28.070 ng

RT: 14.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampled :

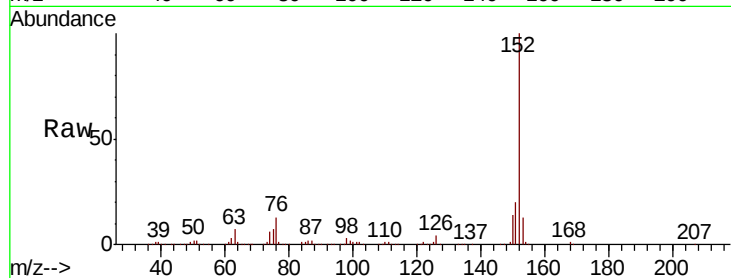
Tot Ion:152 Resp: 1503959

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

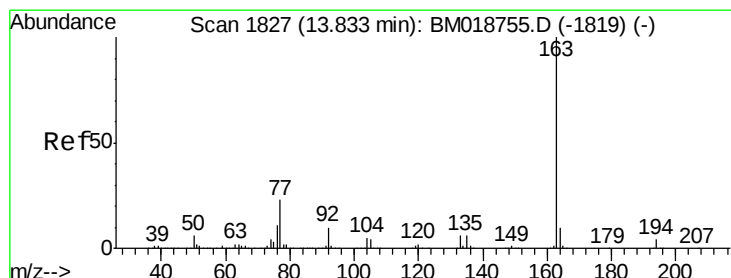
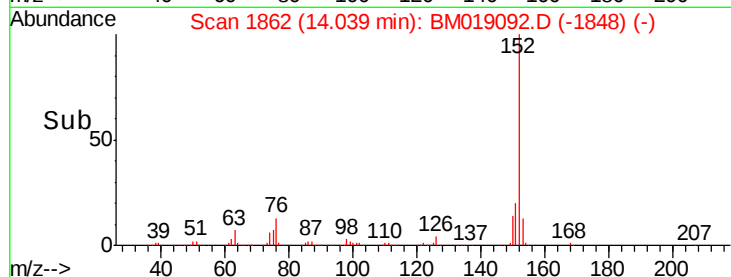
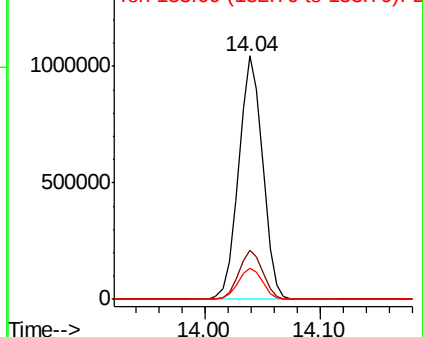
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 25.765 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

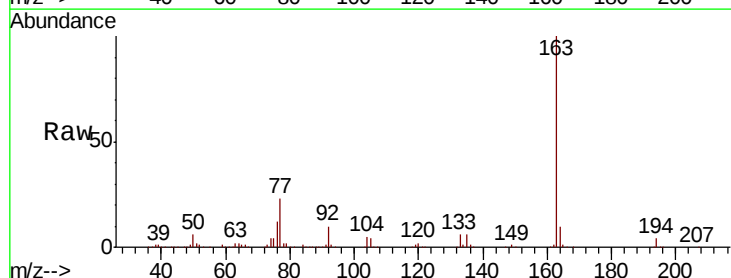
Tgt Ion:163 Resp: 1162108

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

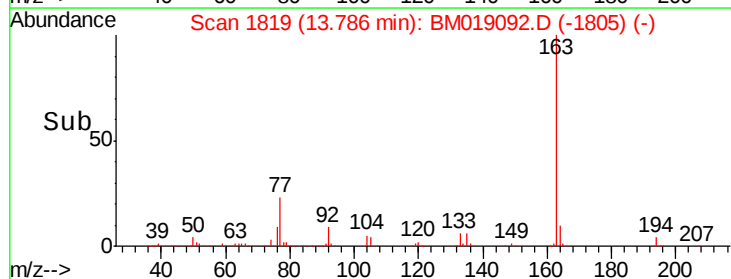
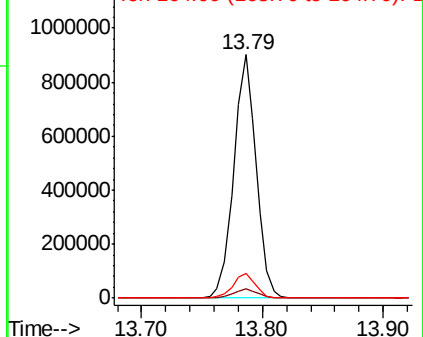
164 9.9 7.8 11.8

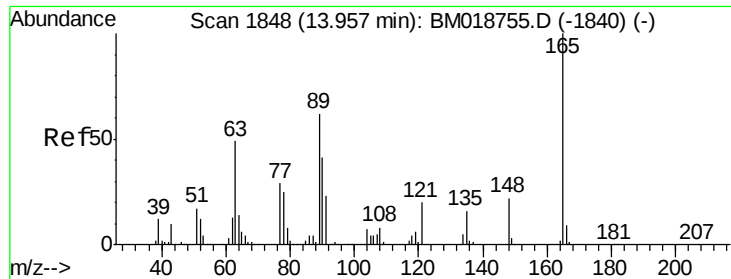


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

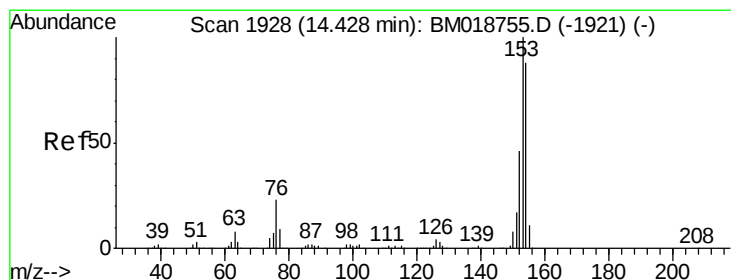
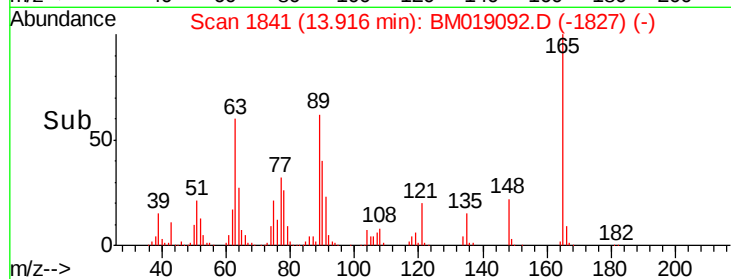
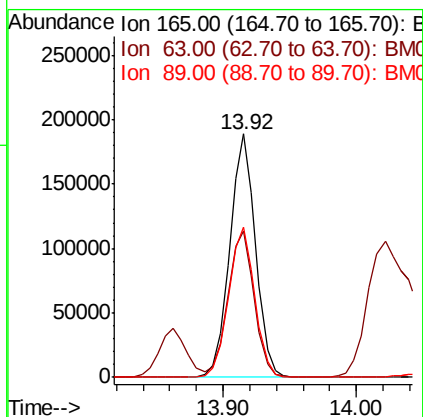
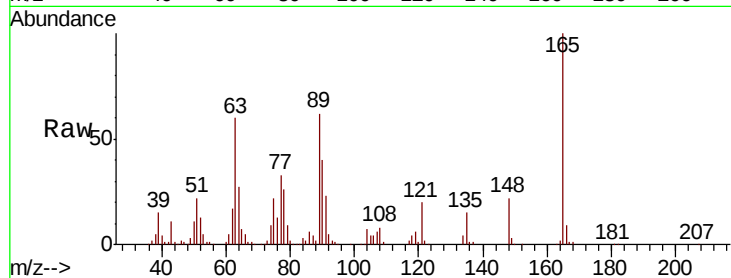




#51
2,6-Dinitrotoluene
Concen: 25.990 ng
RT: 13.92 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

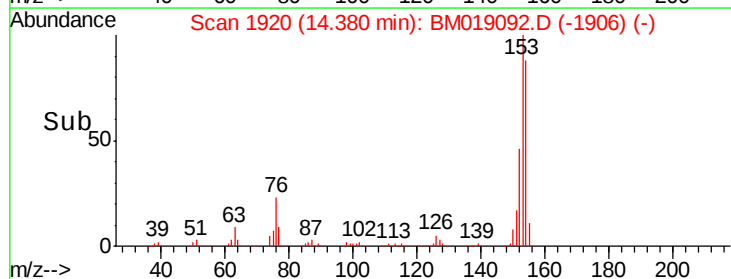
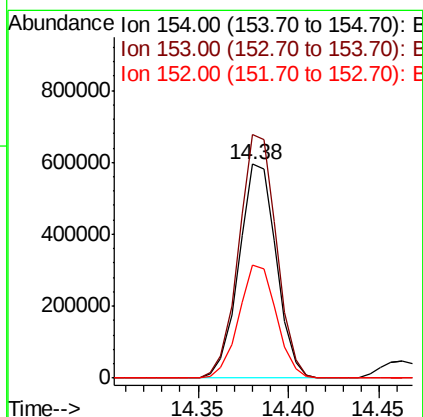
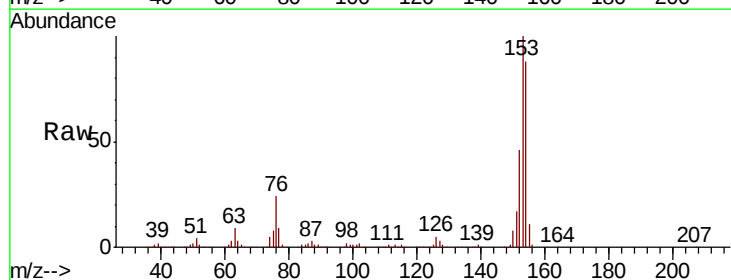
Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 253944
Ion Ratio Lower Upper
165 100
63 60.1 48.9 73.3
89 61.9 49.4 74.0



#52
Acenaphthene
Concen: 25.907 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:154 Resp: 851121
Ion Ratio Lower Upper
154 100
153 113.7 91.3 136.9
152 52.8 42.2 63.4

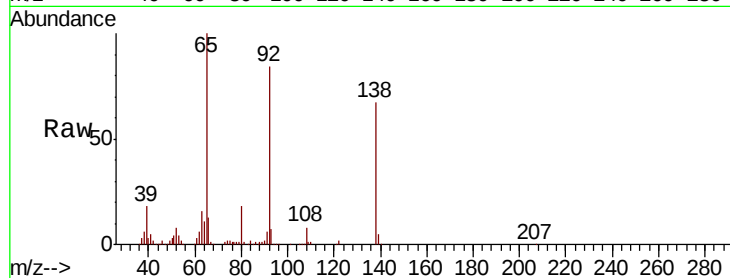




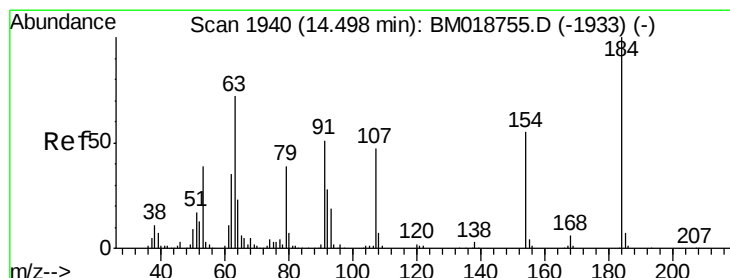
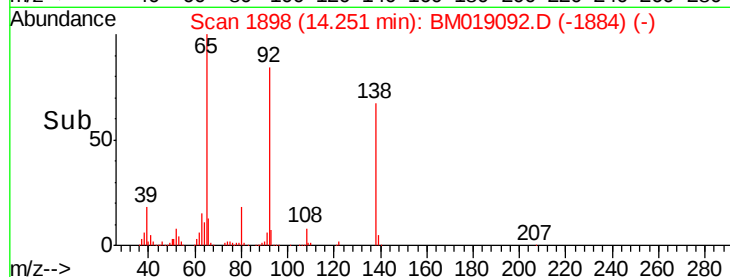
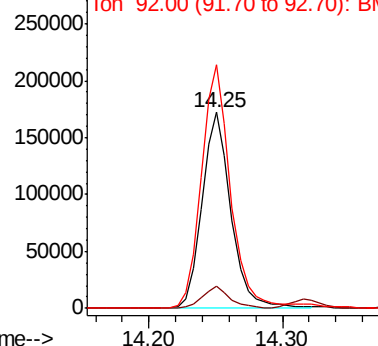
#53
3-Nitroaniline
Concen: 23.601 ng
RT: 14.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 260550
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 124.4 99.7 149.5

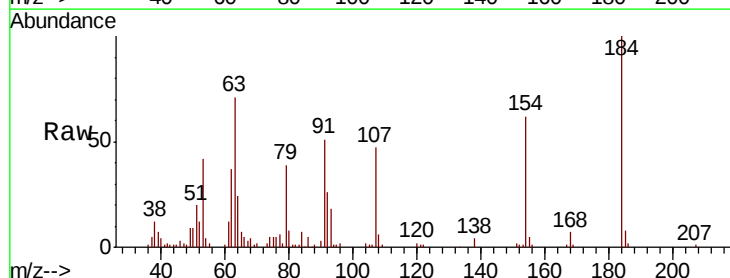


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

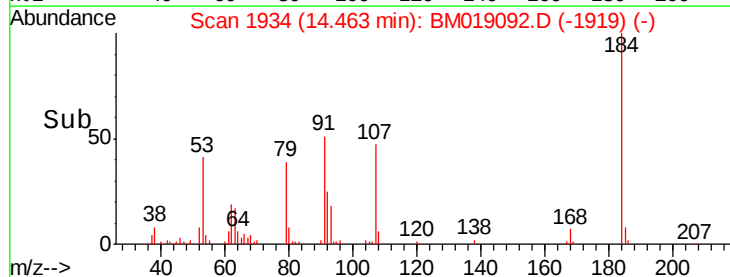
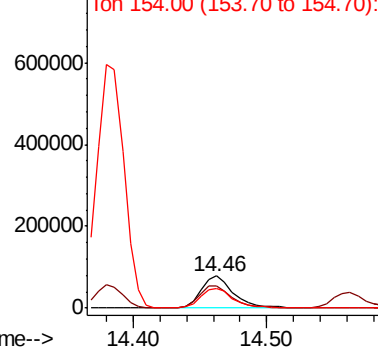


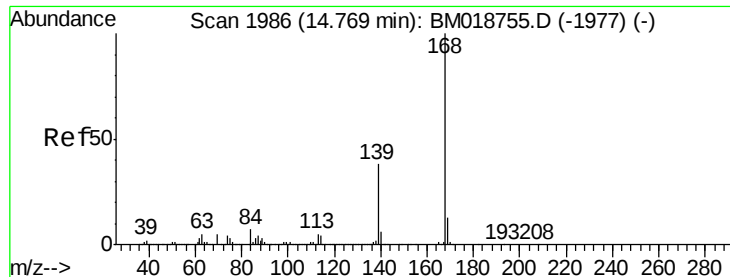
#54
2,4-Dinitrophenol
Concen: 24.665 ng
RT: 14.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:184 Resp: 133164
Ion Ratio Lower Upper
184 100
63 71.1 58.0 87.0
154 62.1 50.3 75.5



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

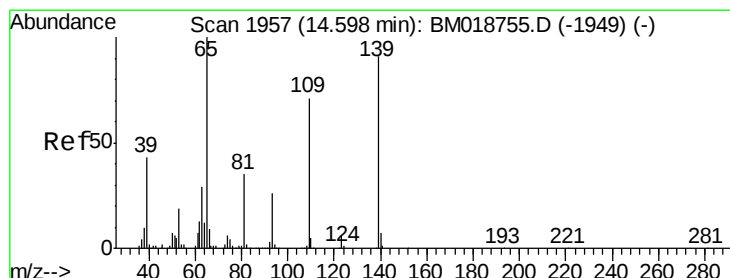
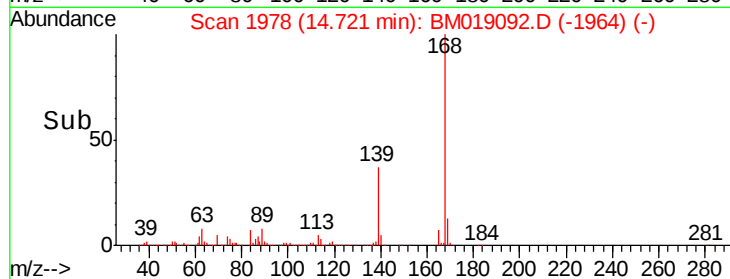
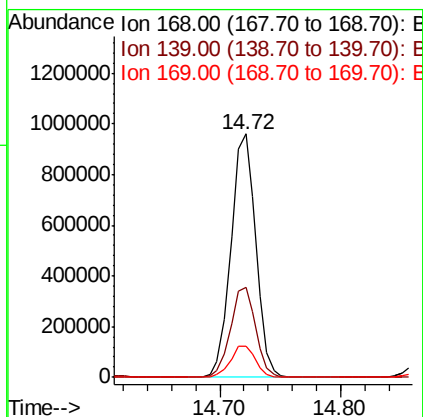
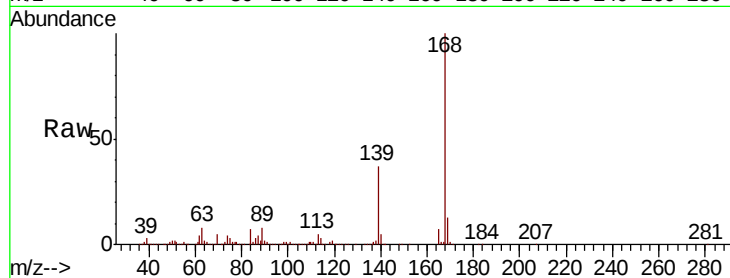




#55
Dibenzofuran
Concen: 25.484 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

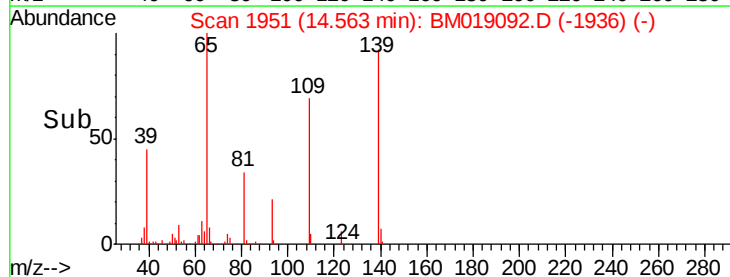
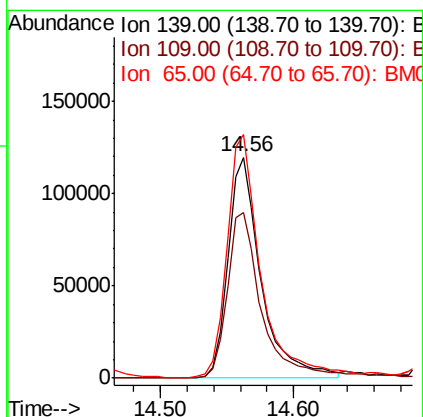
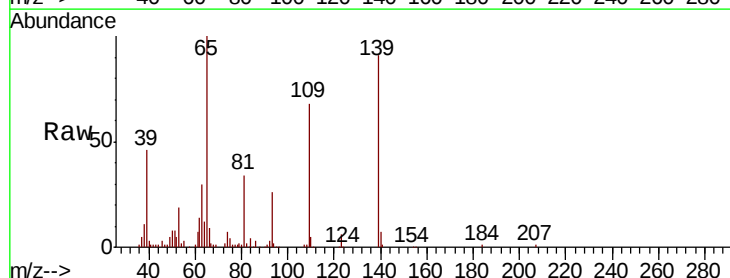
Instrument :
BNA_G
ClientSampleId :

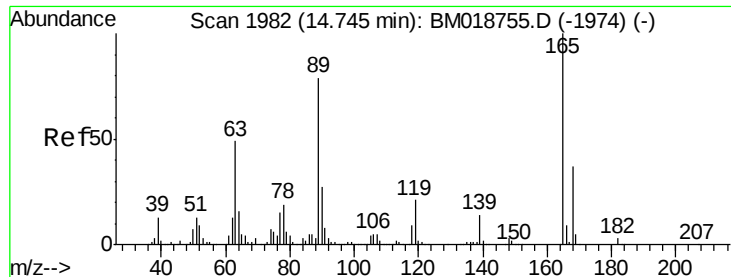
Tot Ion:168 Resp: 1376103
Ion Ratio Lower Upper
168 100
139 37.1 30.7 46.1
169 12.8 10.3 15.5



#56
4-Nitrophenol
Concen: 23.562 ng
RT: 14.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:139 Resp: 207650
Ion Ratio Lower Upper
139 100
109 74.9 58.4 98.4
65 110.2 89.8 129.8

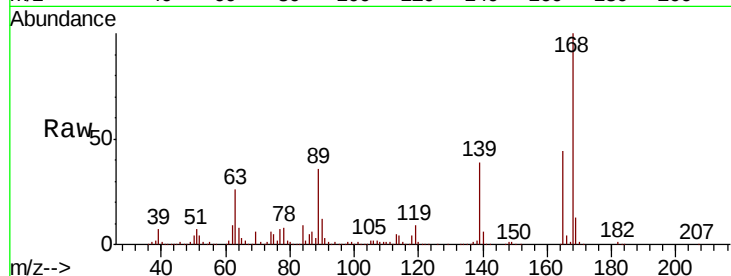




#57
2,4-Dinitrotoluene
Concen: 26.417 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	39.6	59.4
89	82.6	63.5	95.3
182	3.0	2.2	3.4



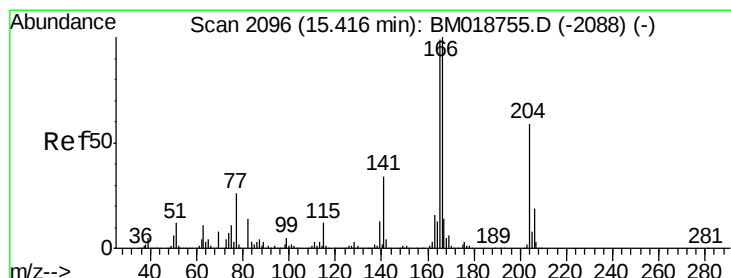
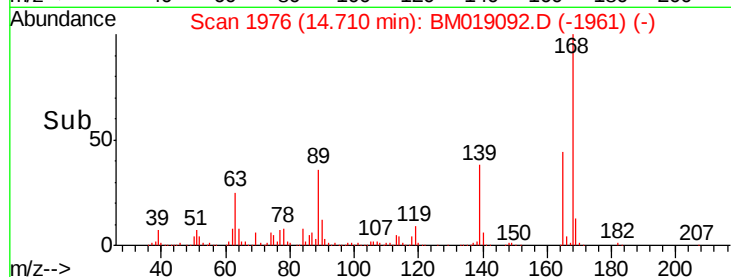
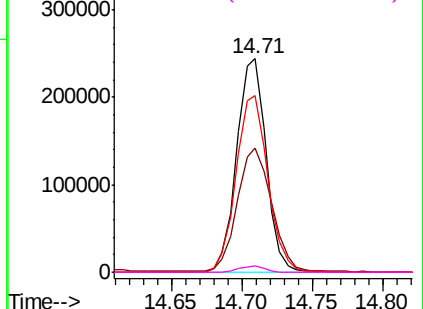
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

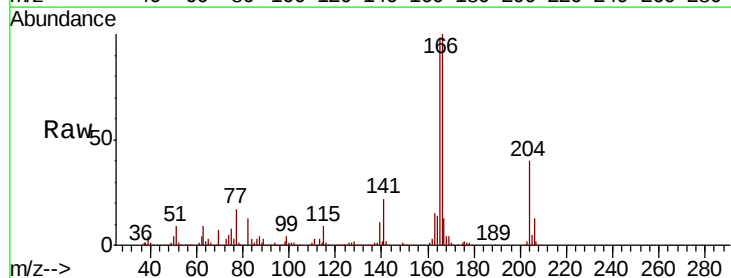
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 27.327 ng
RT: 15.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.4	11.0	16.4

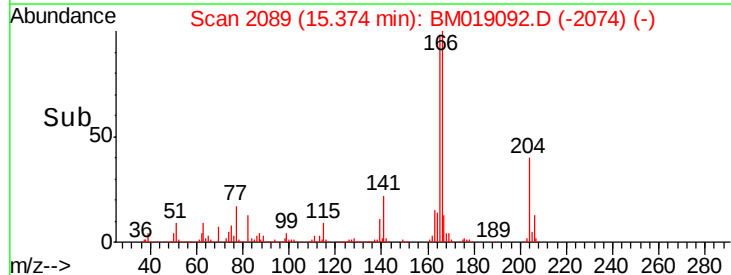
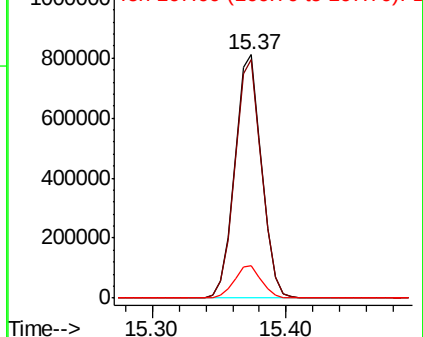


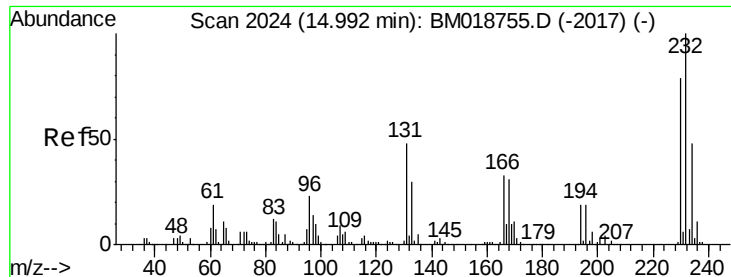
Abundance

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

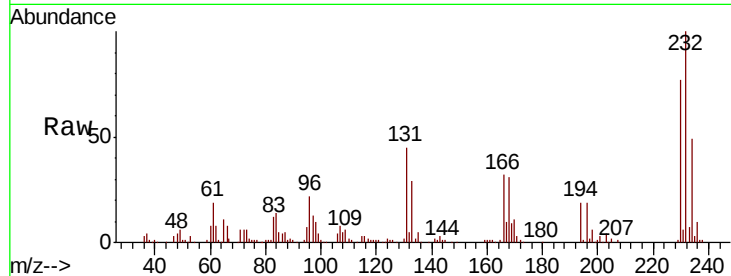




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.078 ng
RT: 14.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	38.6	57.8
130	2.5	2.0	3.0
166	33.7	26.9	40.3



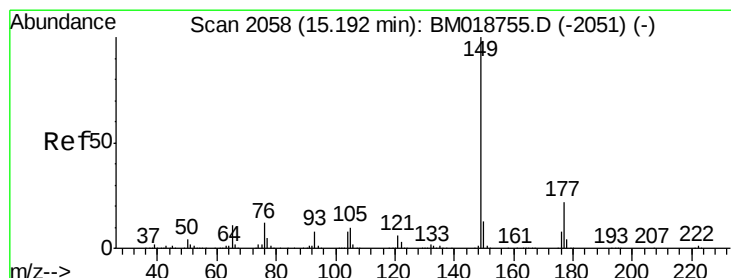
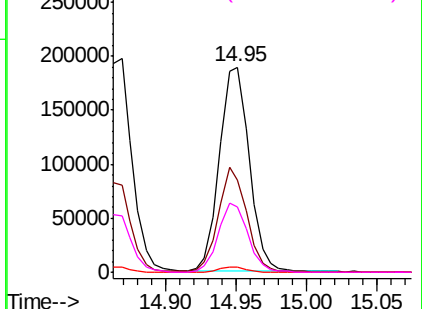
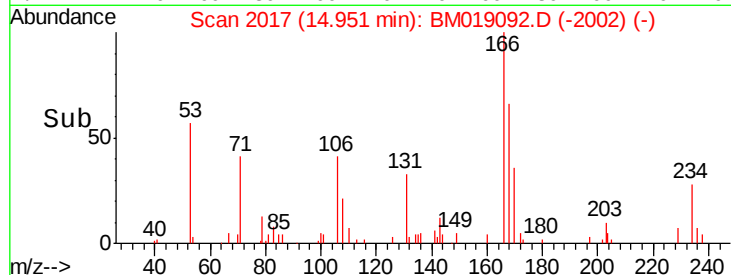
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

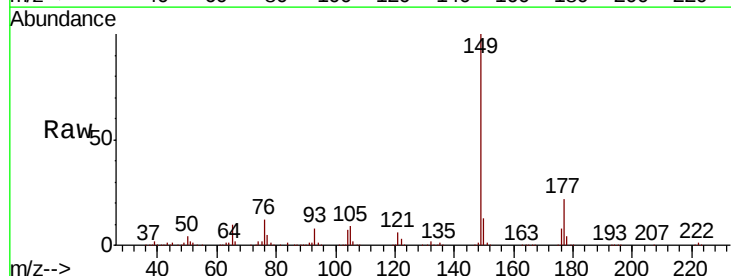
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 25.056 ng
RT: 15.15 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.2	25.8
150	12.6	10.2	15.2

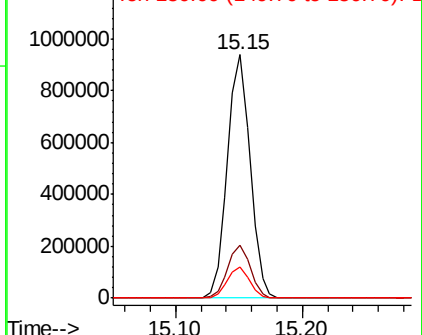
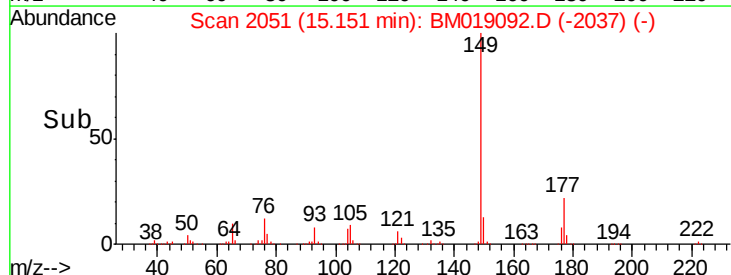


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

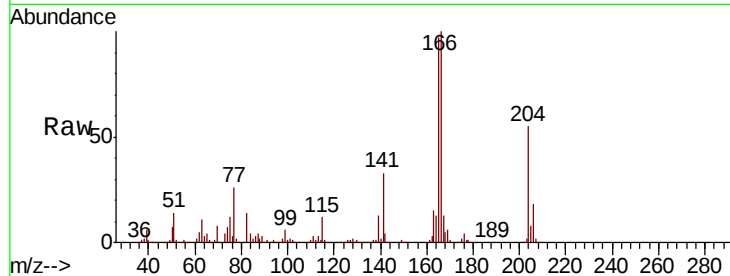




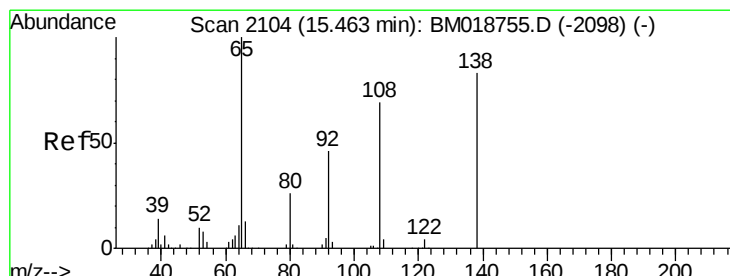
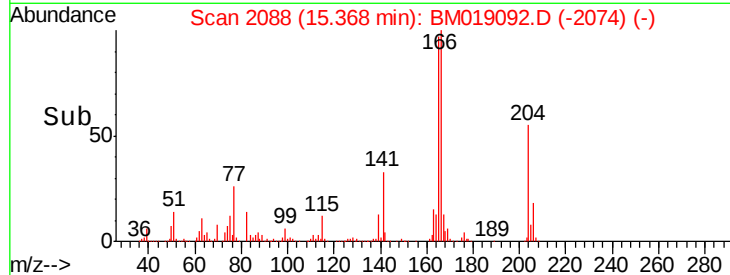
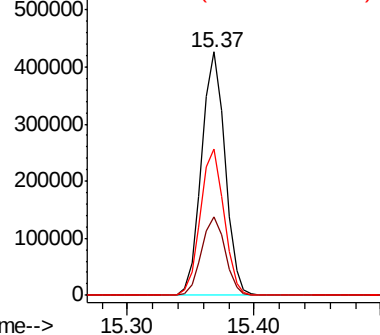
#61
4-Chlorophenyl-phenylether
Concen: 23.452 ng
RT: 15.37 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 543207
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 59.9 49.2 73.8

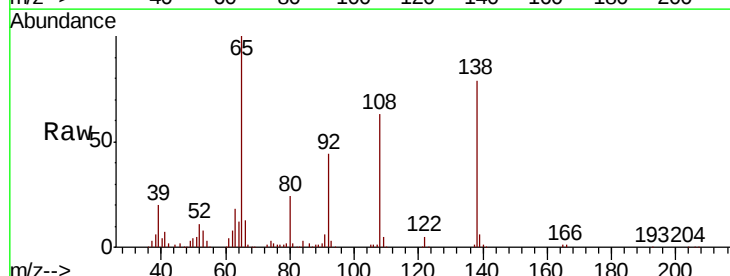


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

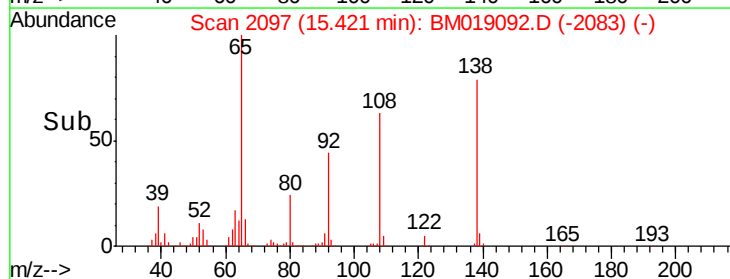
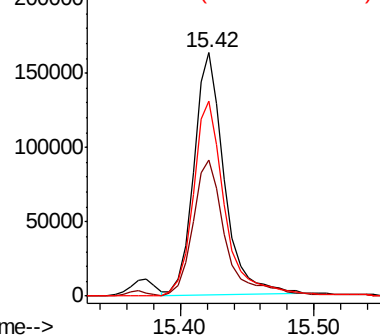


#62
4-Nitroaniline
Concen: 23.997 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:138 Resp: 259723
Ion Ratio Lower Upper
138 100
92 55.8 35.5 75.5
108 80.0 62.4 102.4



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





#63

Azobenzene

Concen: 25.274 ng

RT: 15.66 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1260873

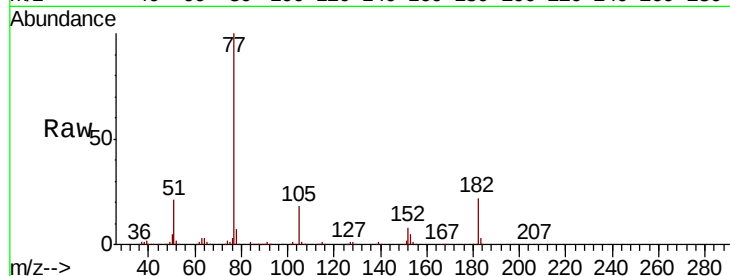
Ion Ratio Lower Upper

77 100

182 22.2 1.0 41.0

105 17.8 0.0 37.7

51 20.9 0.3 40.3

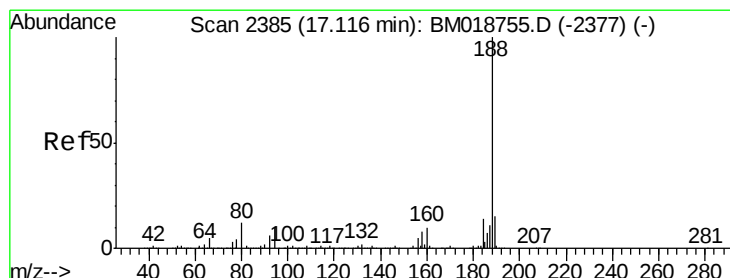
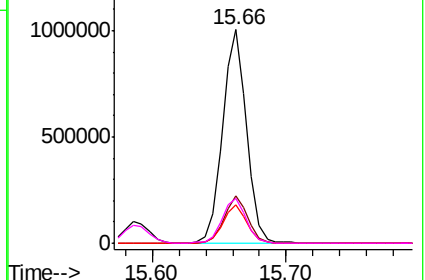
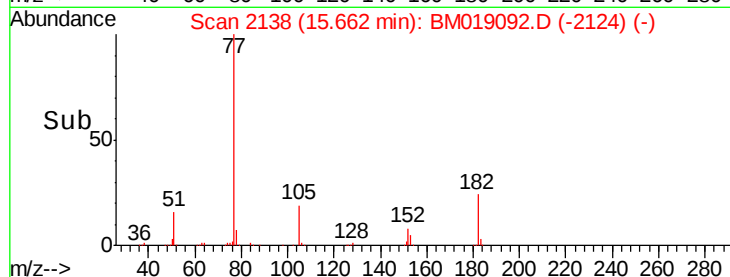


Abundance Ion 77.00 (76.70 to 77.70): BM019092.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM019092.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM019092.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM019092.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

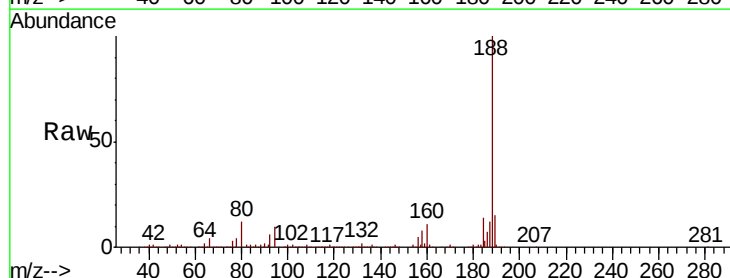
Tgt Ion: 188 Resp: 1201938

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

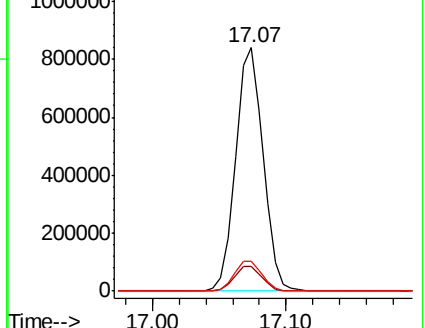
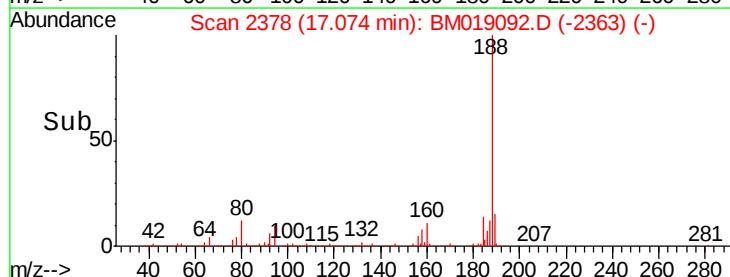
80 12.5 9.7 14.5

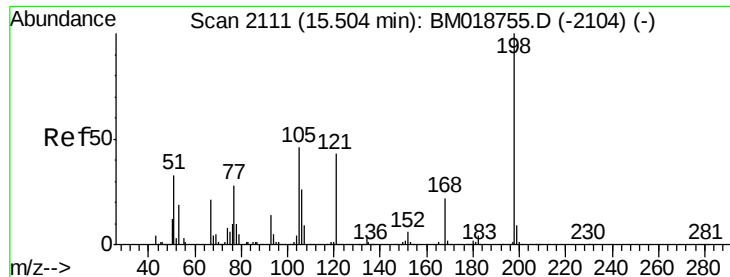


Abundance Ion 188.00 (187.70 to 188.70): BM019092.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BM019092.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BM019092.D (-2363) (-)

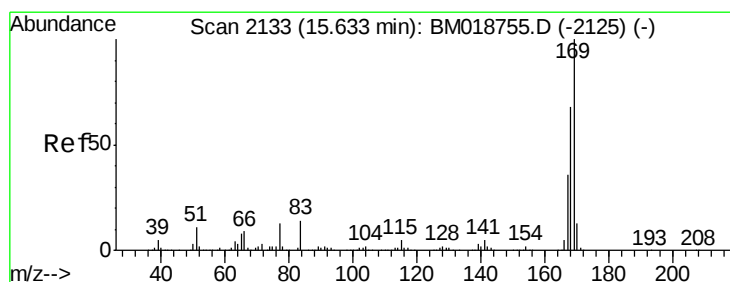
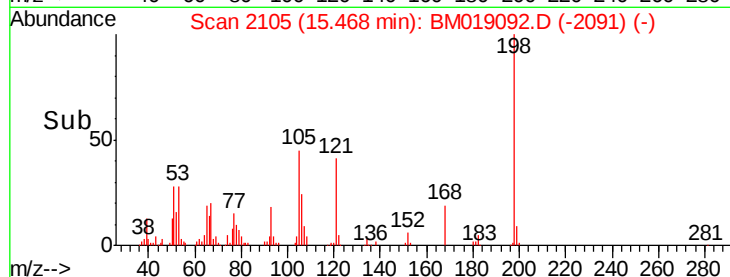
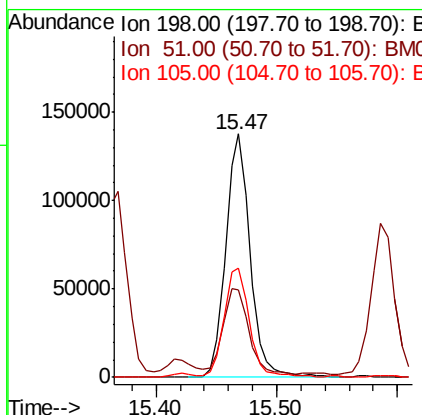
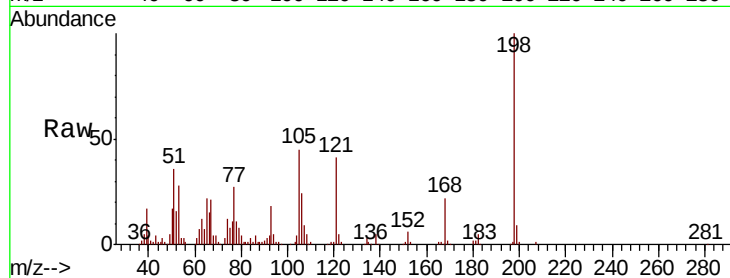




#65
4,6-Dinitro-2-methylphenol
Concen: 22.850 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

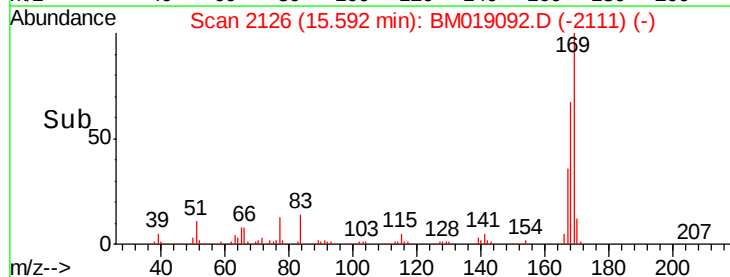
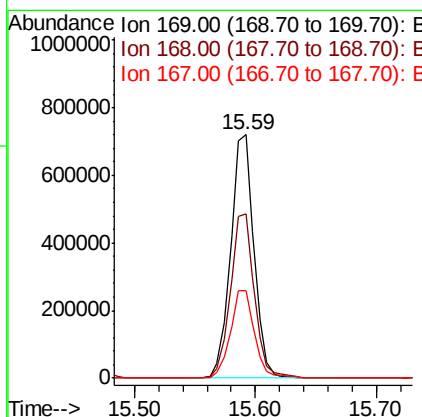
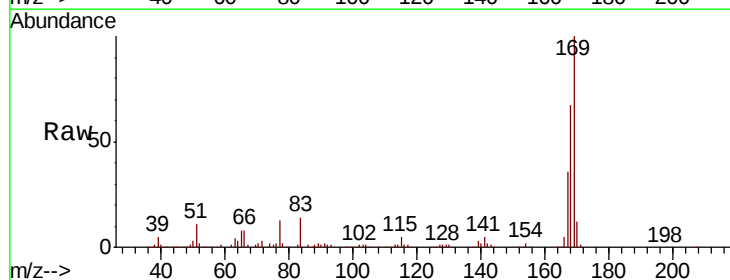
Instrument :
BNA_G
ClientSampleId :

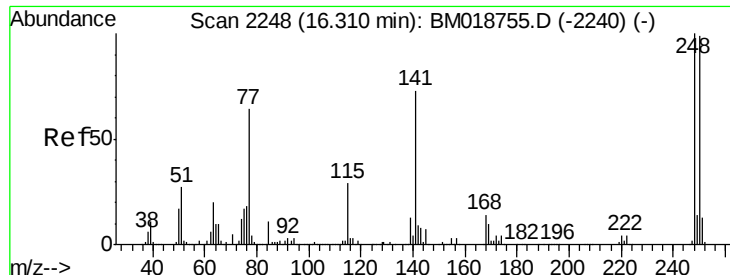
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.0	18.4	58.4
105	44.7	27.2	67.2



#66
n-Nitrosodiphenylamine
Concen: 25.506 ng
RT: 15.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	35.8	29.0	43.6

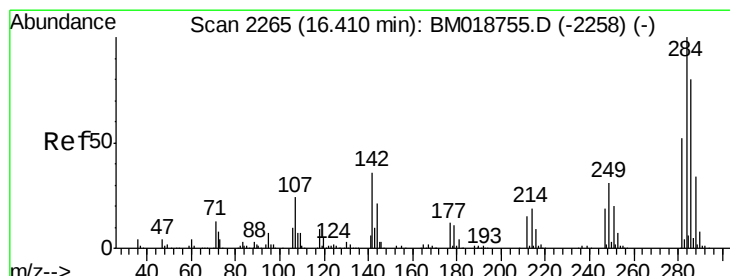
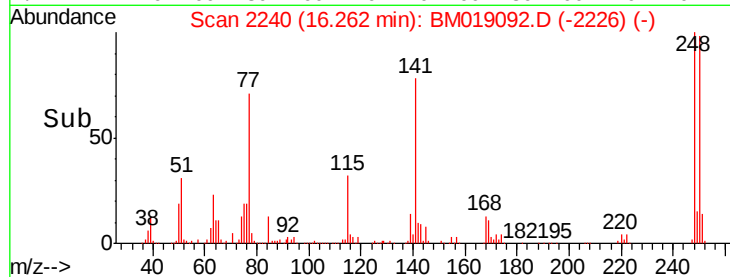
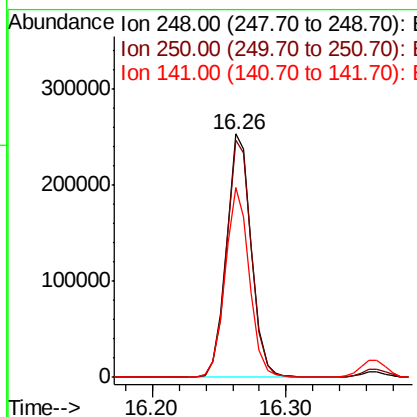
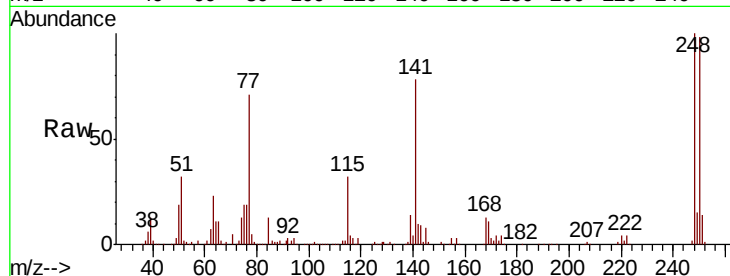




#67
 4-Bromophenyl-phenylether
 Concen: 24.612 ng
 RT: 16.26 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

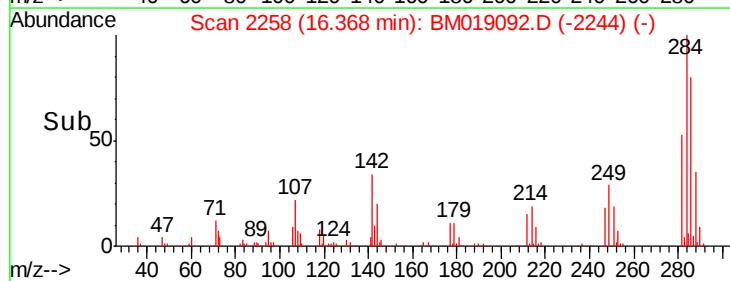
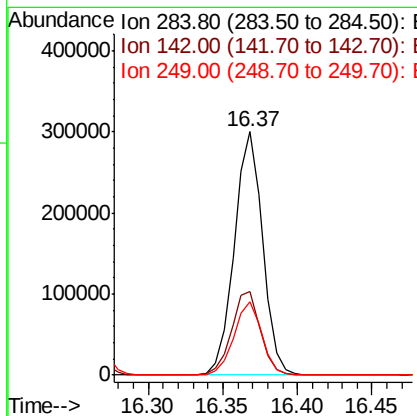
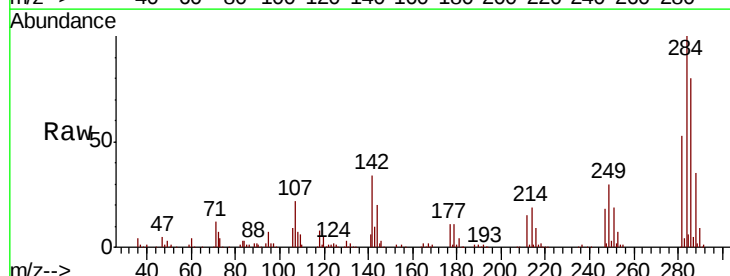
Instrument :
 BNA_G
 ClientSampleId :

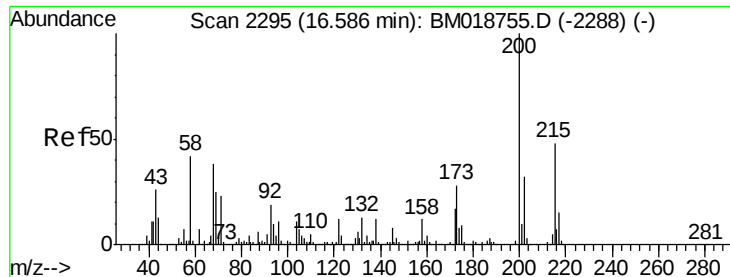
Tot	Ion:248	Resp:	331124
Ion	Ratio	Lower	Upper
248	100		
250	97.7	79.0	118.6
141	78.2	58.6	88.0



#68
 Hexachlorobenzene
 Concen: 25.341 ng
 RT: 16.37 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt	Ion:284	Resp:	396274
Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.9	43.3
249	30.0	24.8	37.2





#69

Atrazine

Concen: 27.027 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

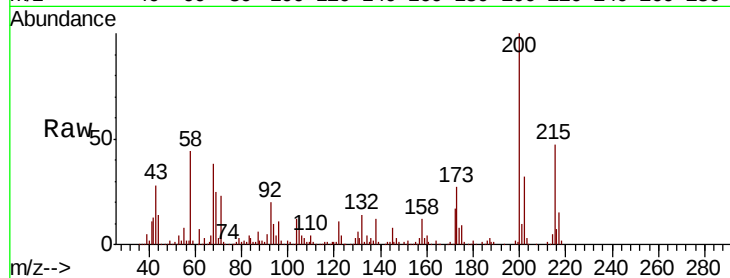
Tot Ion:200 Resp: 330875

Ion Ratio Lower Upper

200 100

173 27.4 7.6 47.6

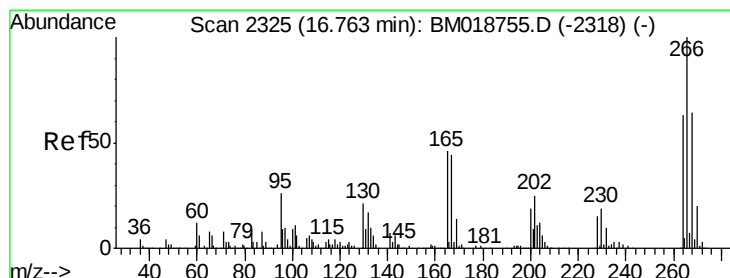
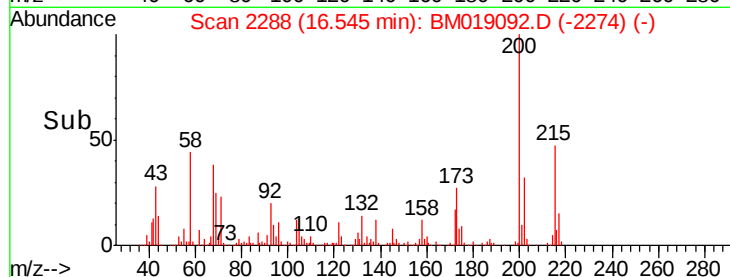
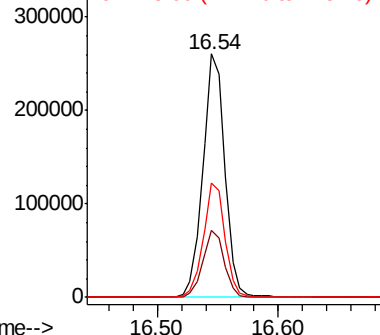
215 47.1 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 22.615 ng

RT: 16.72 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

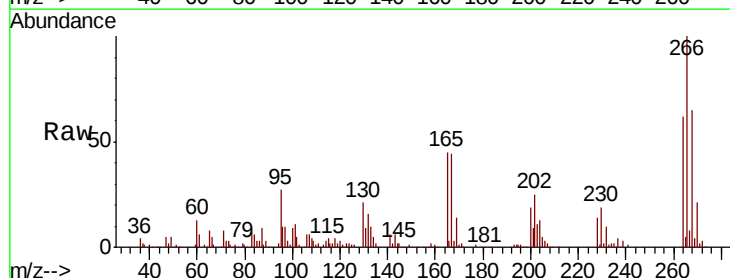
Tgt Ion:266 Resp: 227703

Ion Ratio Lower Upper

266 100

268 64.8 51.3 76.9

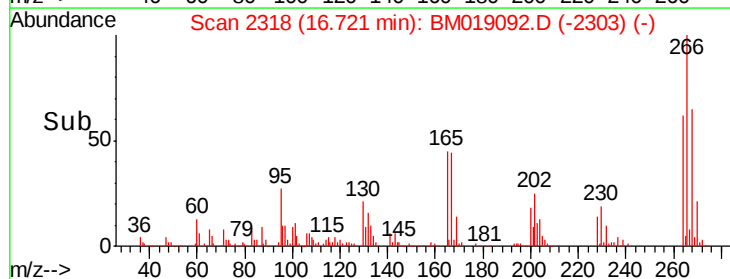
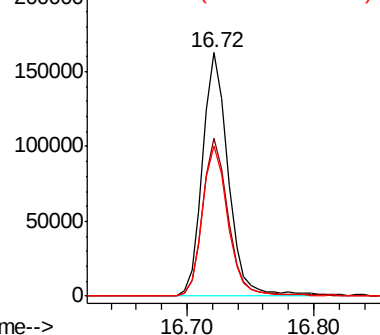
264 61.9 50.6 75.8

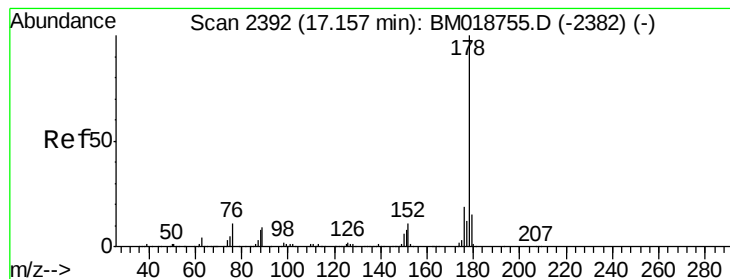


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 27.279 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

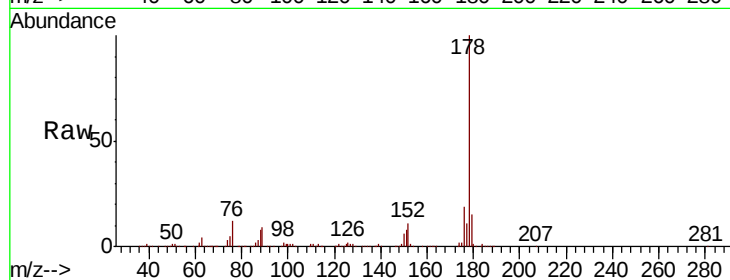
Tot Ion:178 Resp: 1762068

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

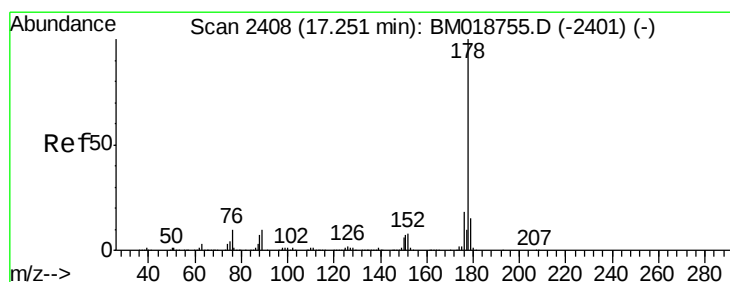
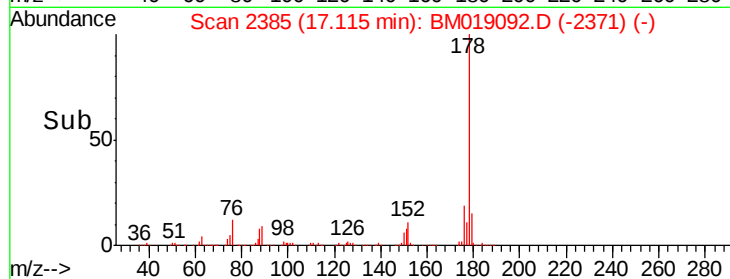
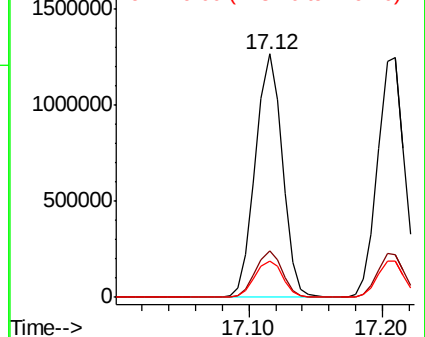
179 15.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 27.728 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

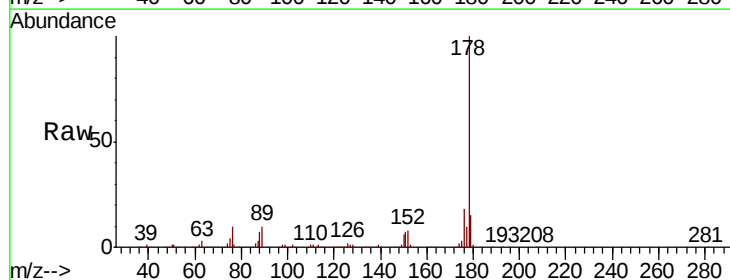
Tgt Ion:178 Resp: 1743268

Ion Ratio Lower Upper

178 100

176 18.0 14.8 22.2

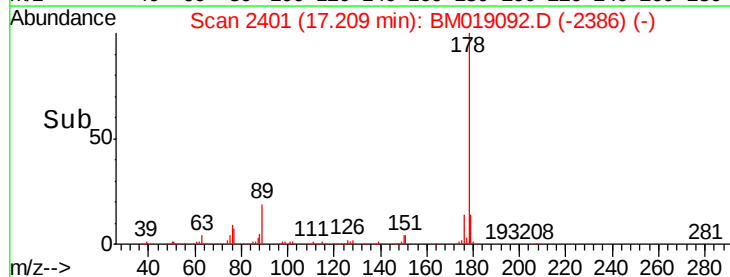
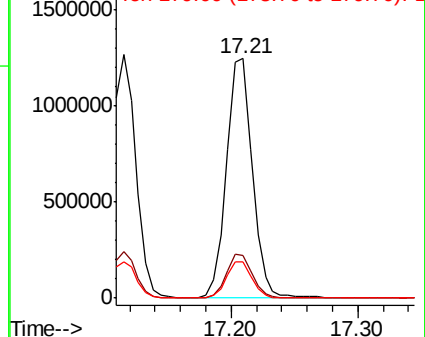
179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



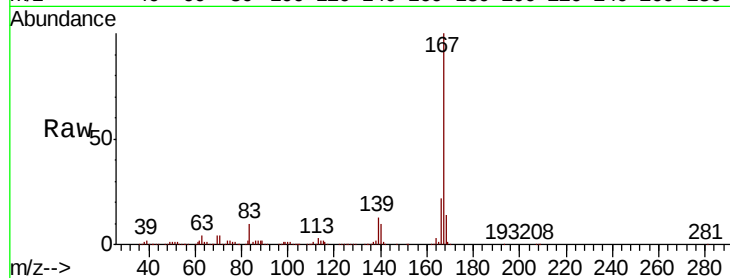


#73
 Carbazole
 Concen: 25.180 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

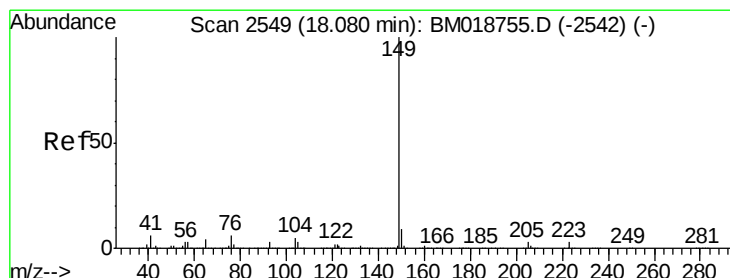
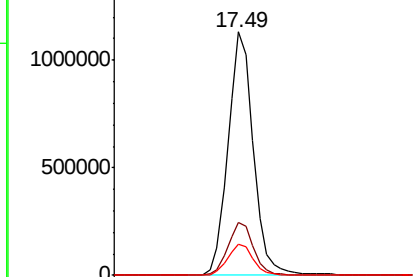
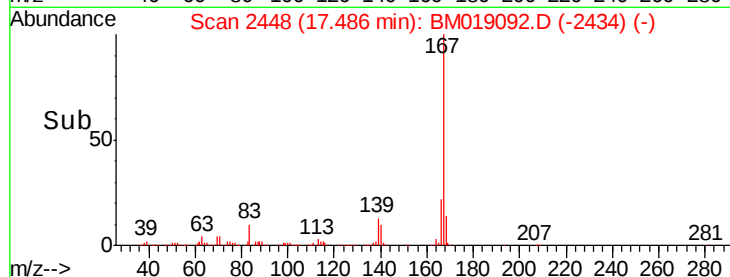
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1653974

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	13.0	10.9	16.3



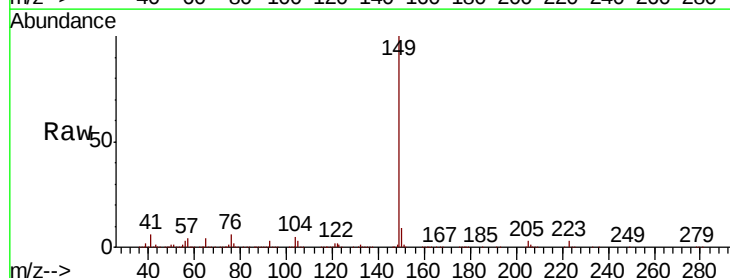
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



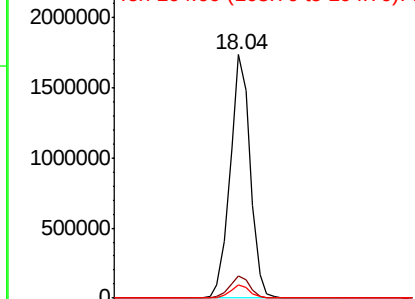
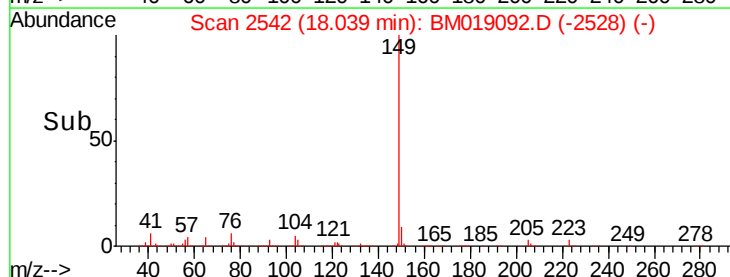
#74
 Di-n-butylphthalate
 Concen: 26.624 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

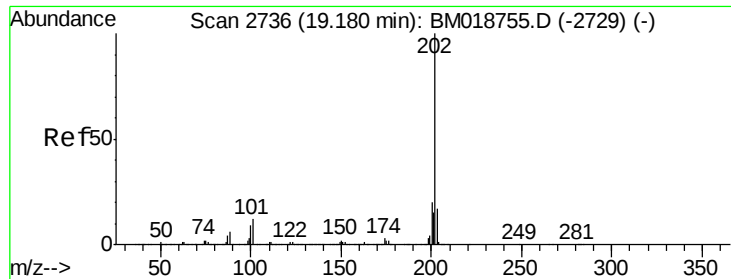
Tgt Ion:149 Resp: 2011266

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.2	4.3	6.5



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





#75

Fluoranthene

Concen: 27.355 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

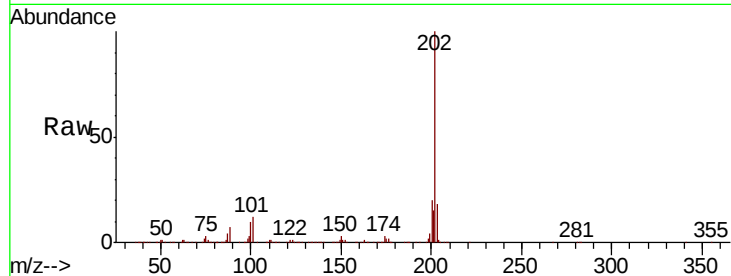
Tot Ion:202 Resp: 2041086

Ion Ratio Lower Upper

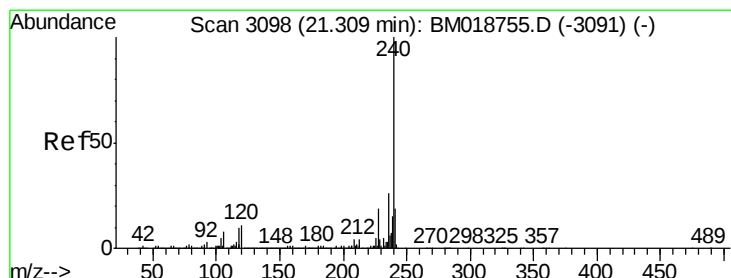
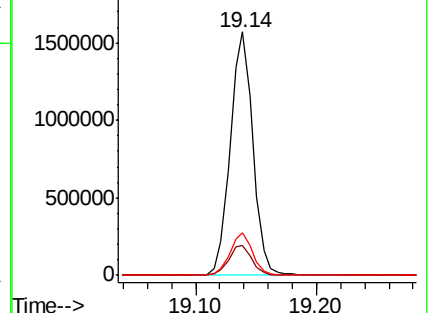
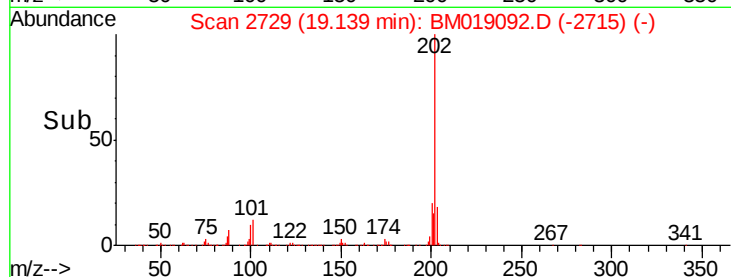
202 100

101 12.1 0.0 31.5

203 17.6 0.0 37.3



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: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

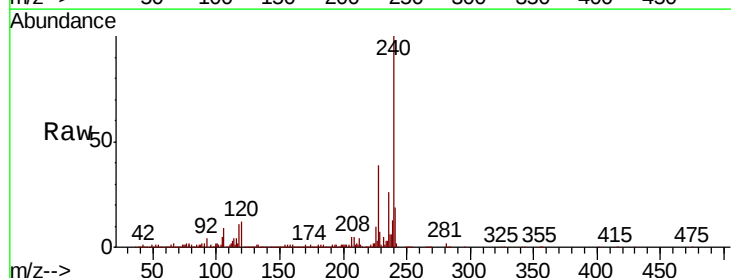
Tgt Ion:240 Resp: 1325531

Ion Ratio Lower Upper

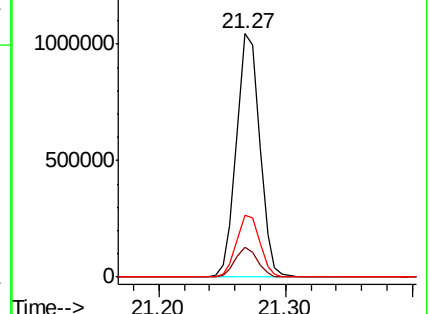
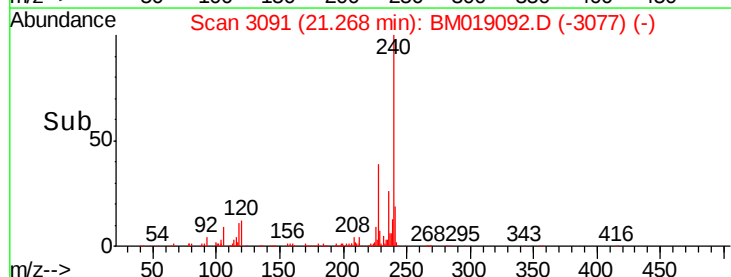
240 100

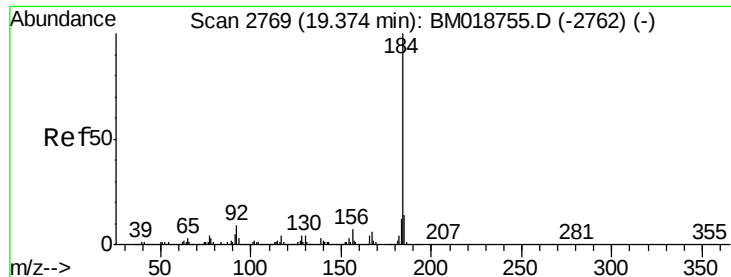
120 12.4 8.9 13.3

236 25.6 20.9 31.3



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: 32.975 ng

RT: 19.34 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

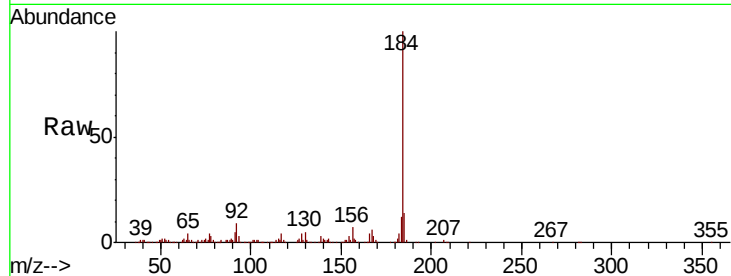
Tot Ion:184 Resp: 984408

Ion Ratio Lower Upper

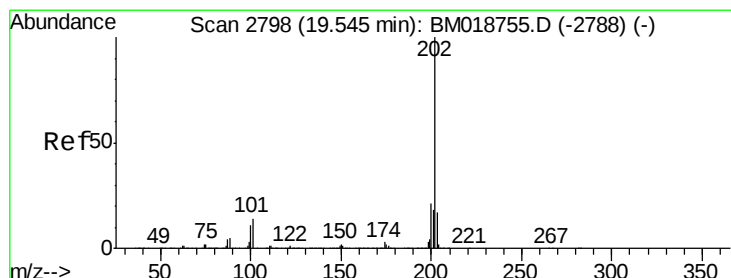
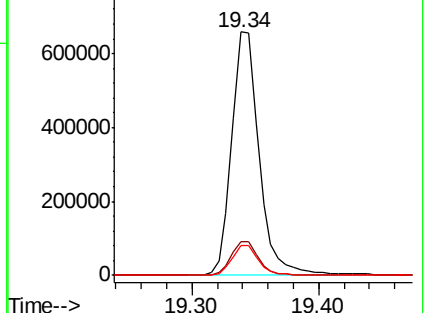
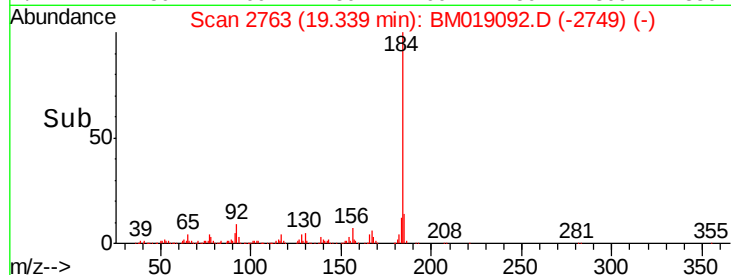
184 100

185 13.9 11.2 16.8

183 12.3 9.7 14.5



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: 27.558 ng

RT: 19.50 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

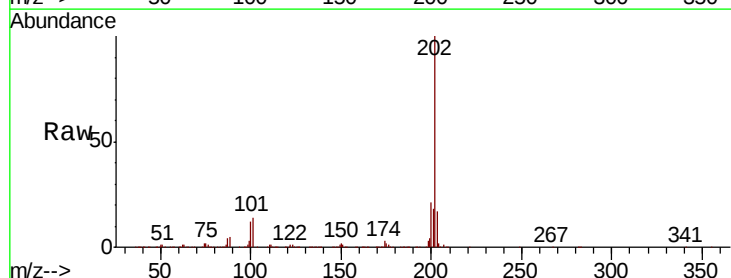
Tgt Ion:202 Resp: 2121541

Ion Ratio Lower Upper

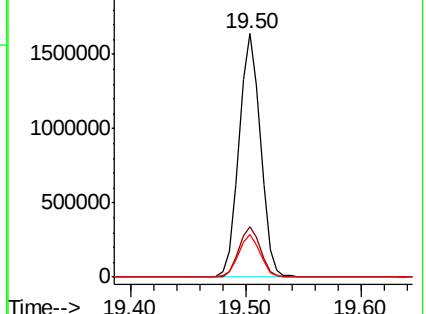
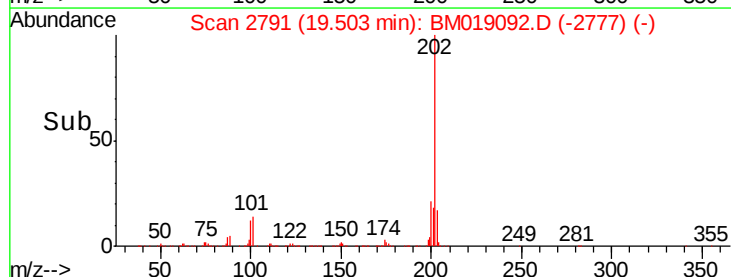
202 100

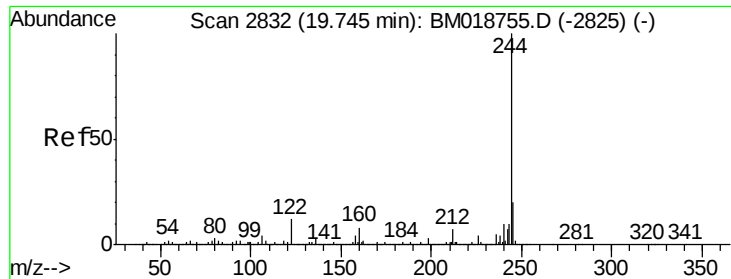
200 20.7 16.9 25.3

203 17.4 13.8 20.8



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

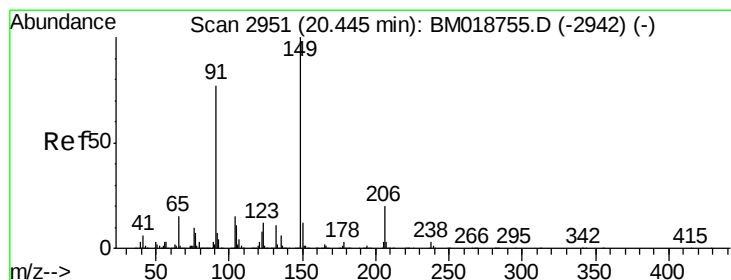
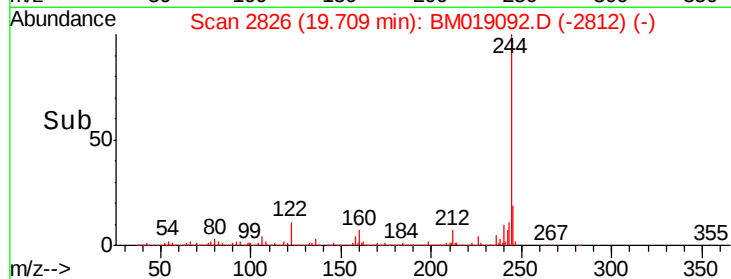
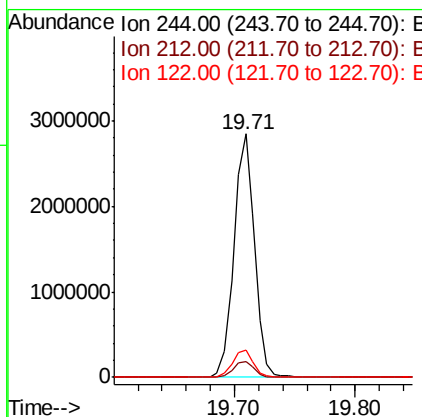
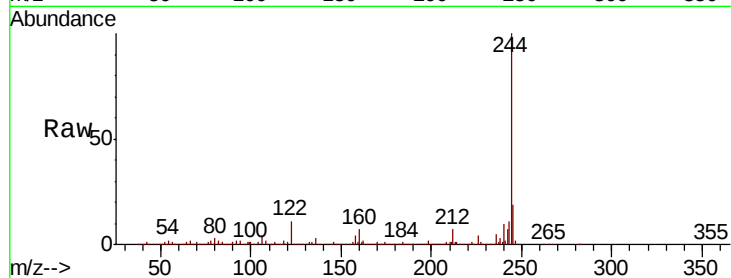




#79
 Terphenyl-d14
 Concen: 52.405 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. -0.02 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

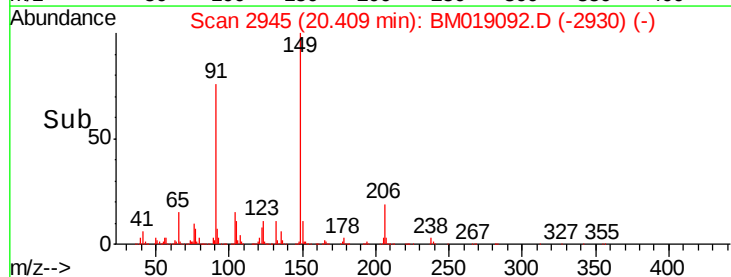
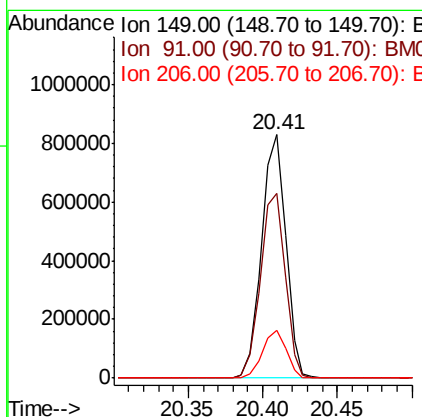
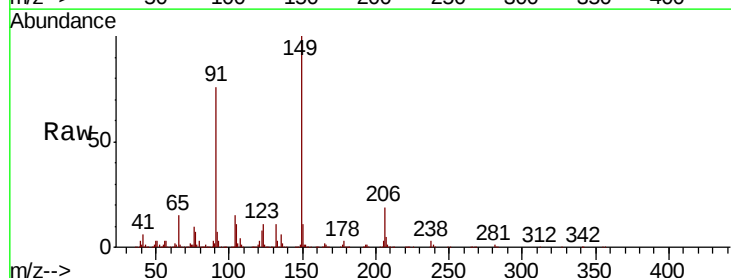
Instrument :
 BNA_G
 ClientSampleId :

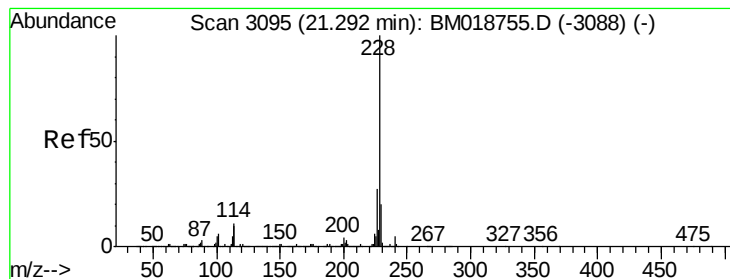
Tot Ion:244 Resp: 3367317
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.1 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 26.447 ng
 RT: 20.41 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BM019092.D
 Acq: 11 Mar 2019 14:08

Tgt Ion:149 Resp: 927893
 Ion Ratio Lower Upper
 149 100
 91 75.7 61.4 92.0
 206 19.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 27.126 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

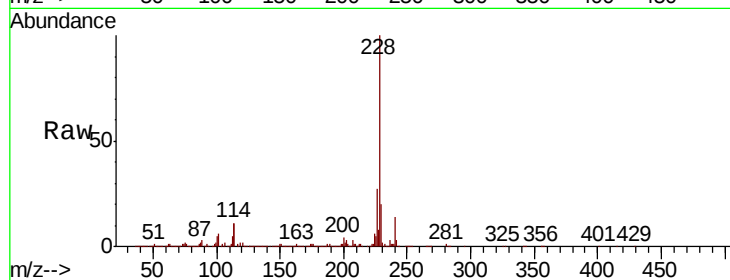
Tot Ion:228 Resp: 2095960

Ion Ratio Lower Upper

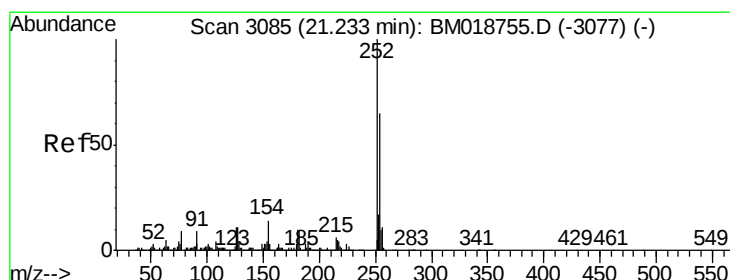
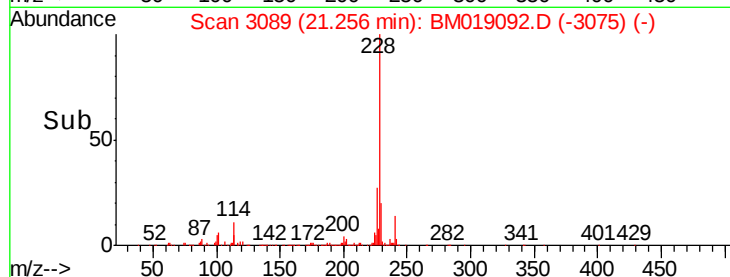
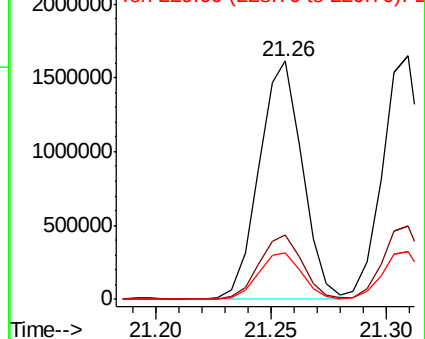
228 100

226 27.0 21.9 32.9

229 19.8 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: 27.325 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

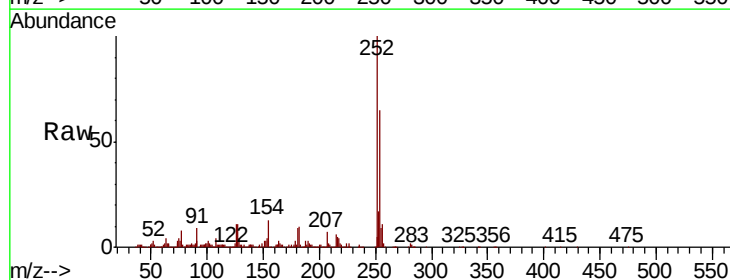
Tgt Ion:252 Resp: 834445

Ion Ratio Lower Upper

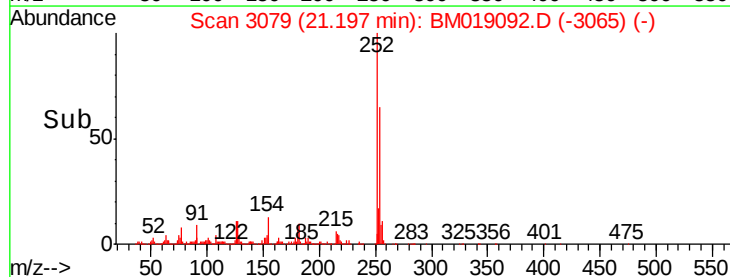
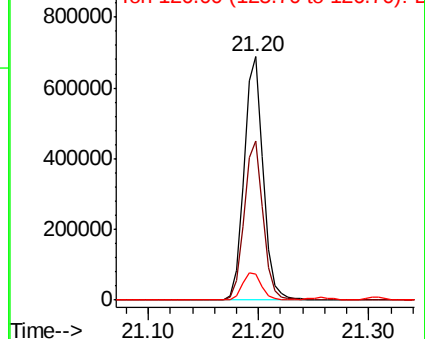
252 100

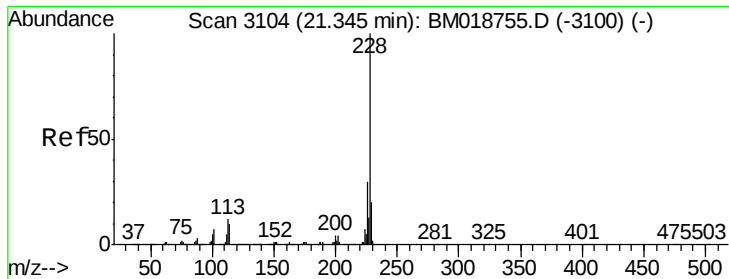
254 65.2 51.8 77.8

126 10.9 9.1 13.7



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: 27.425 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

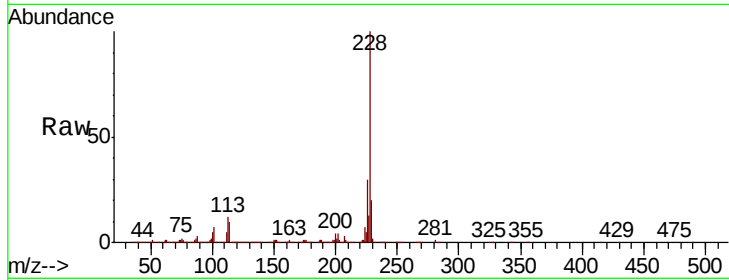
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2031076

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.5	16.0	24.0

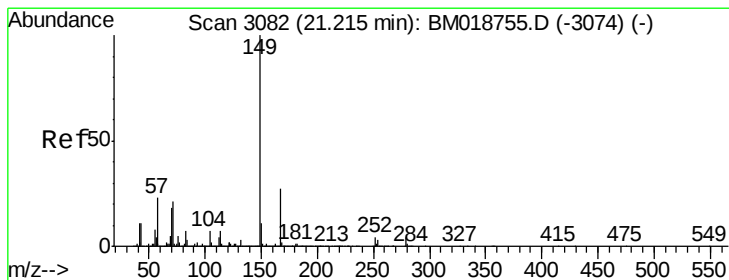
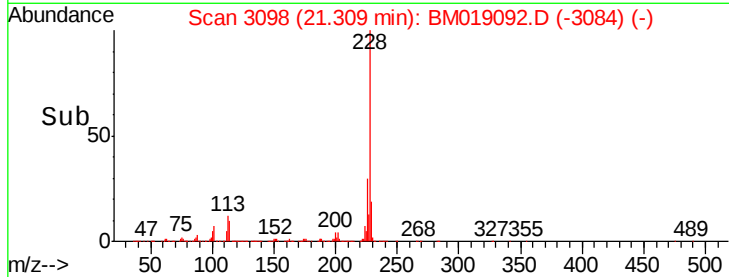
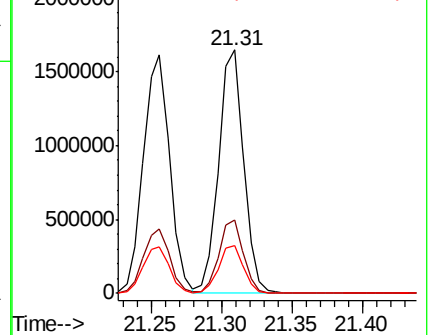


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.378 ng

RT: 21.17 min Scan# 3075

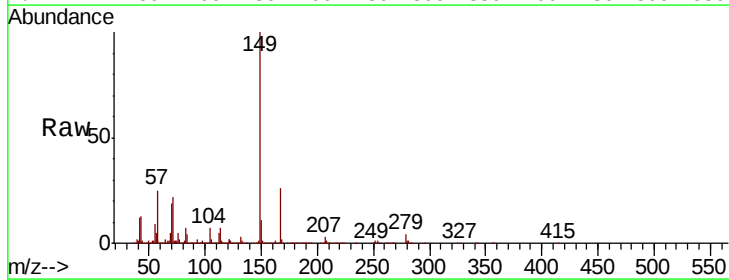
Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Tgt Ion:149 Resp: 1354540

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.8	32.6
279	4.3	3.6	5.4

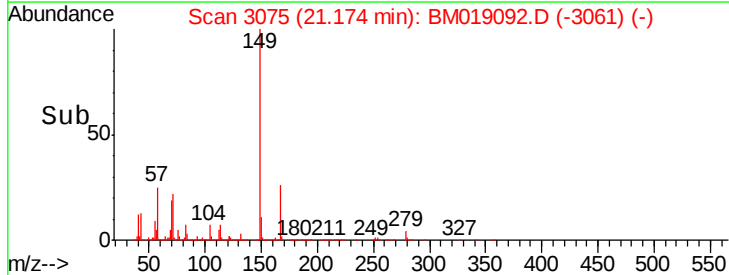
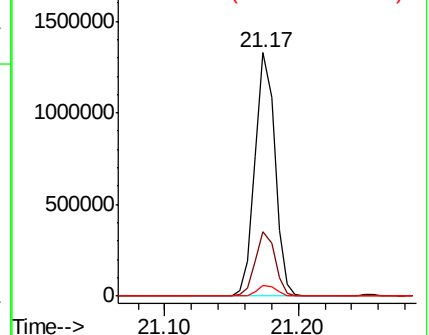


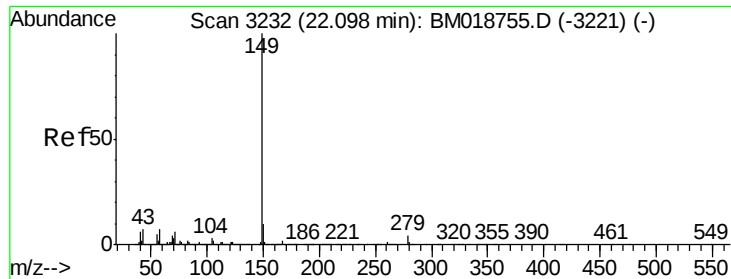
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 26.559 ng

RT: 22.05 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampled :

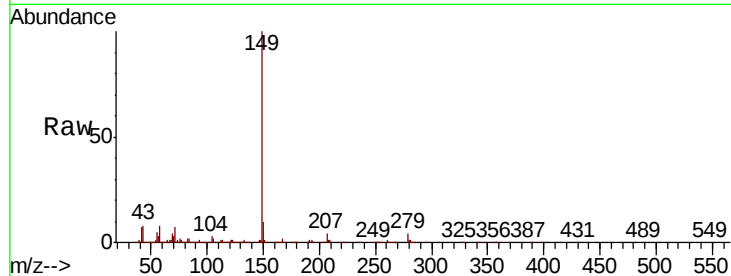
Tot Ion:149 Resp: 2292210

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

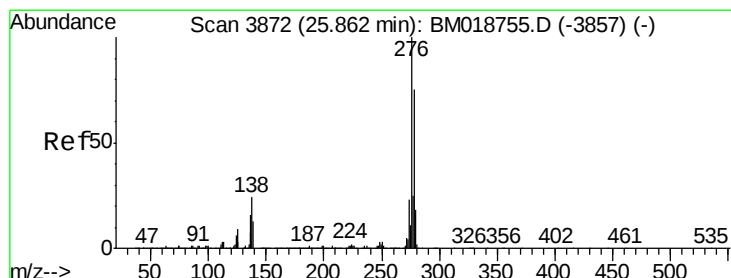
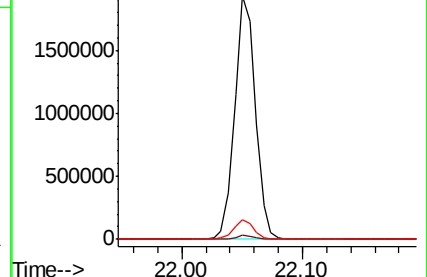
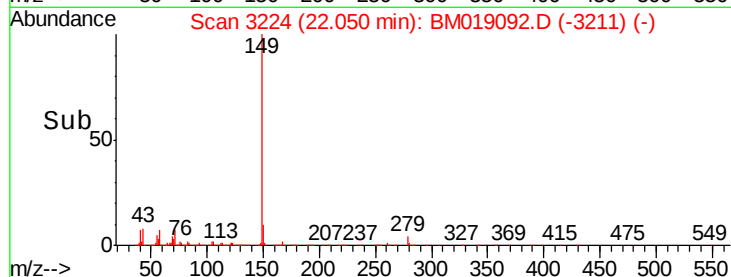
43 7.8 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 26.664 ng

RT: 25.77 min Scan# 3857

Delta R.T. -0.04 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

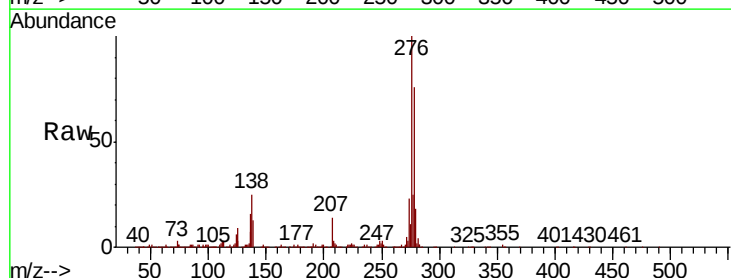
Tgt Ion:276 Resp: 2279926

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.4

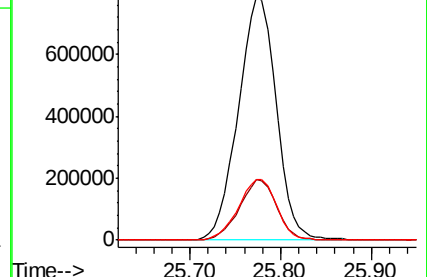
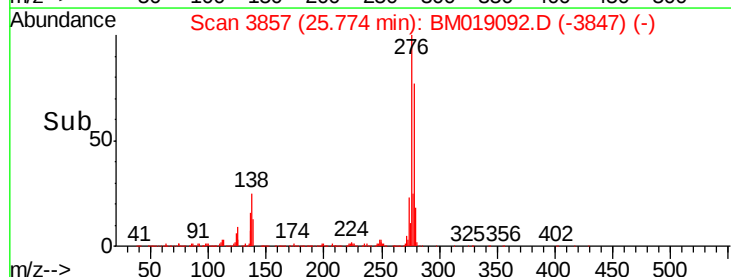
277 25.4 20.3 30.5

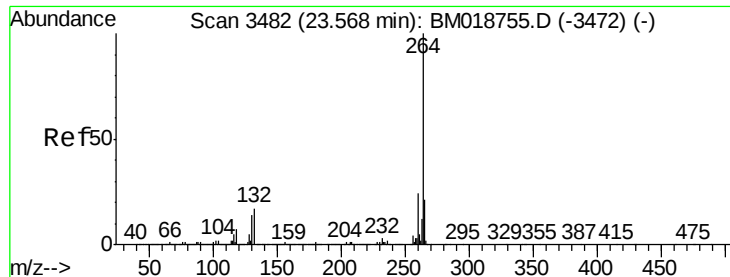


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



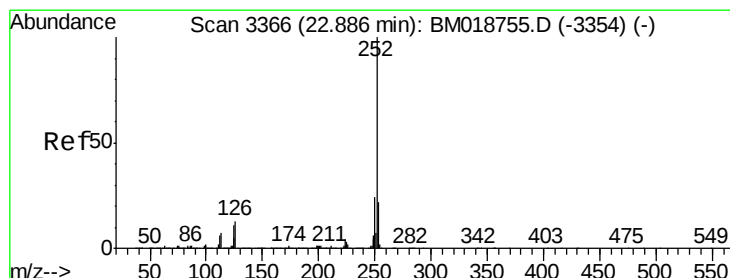
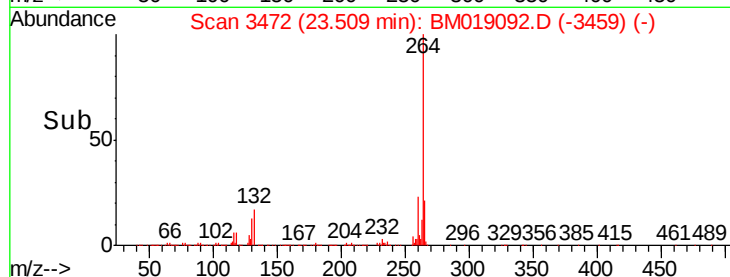
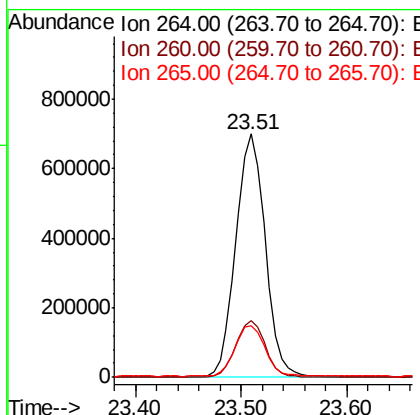
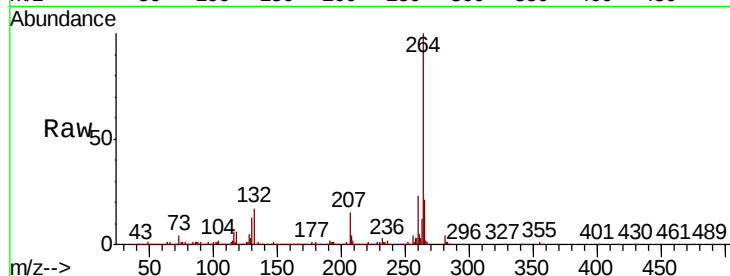


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1357250

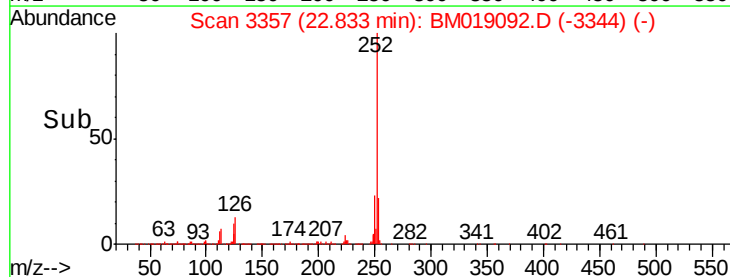
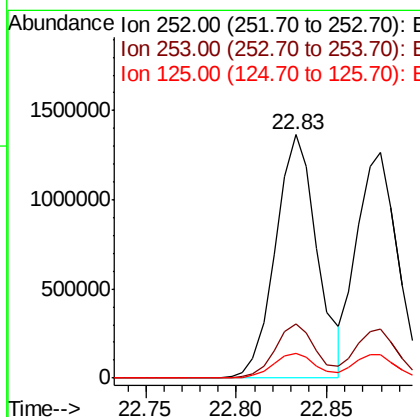
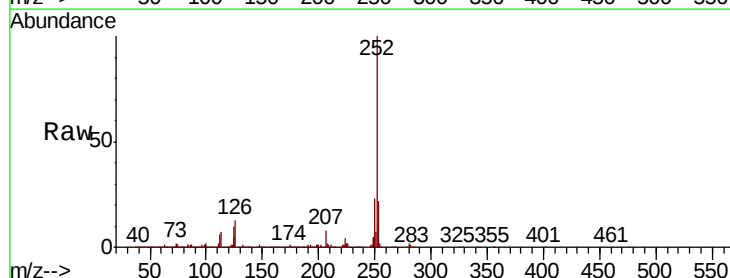
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.3	17.3	25.9

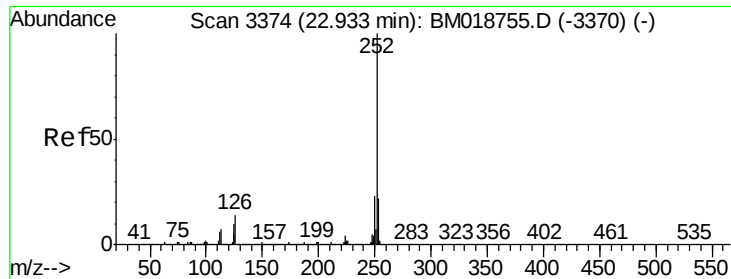


#88
Benzo(b)fluoranthene
Concen: 28.213 ng
RT: 22.83 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BM019092.D
Acq: 11 Mar 2019 14:08

Tgt Ion:252 Resp: 2190819

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.2	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 25.535 ng

RT: 22.88 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Instrument :

BNA_G

ClientSampleId :

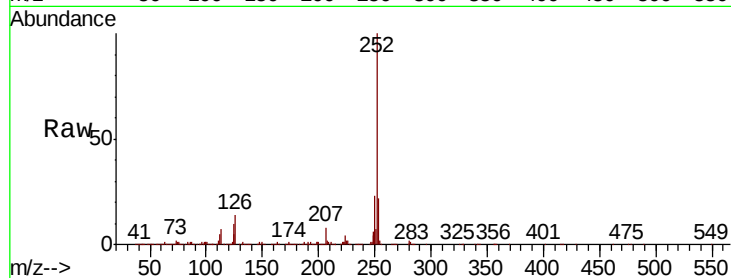
Tot Ion:252 Resp: 1974100

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

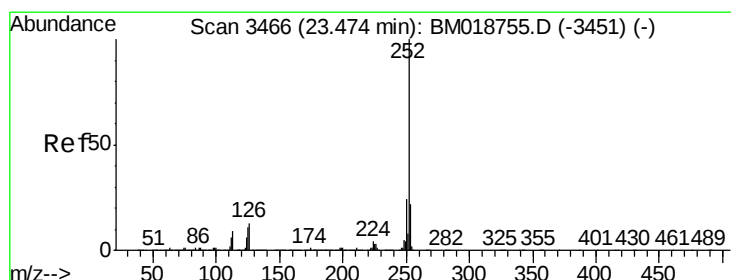
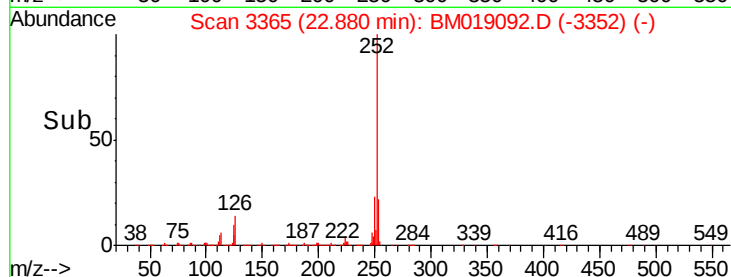
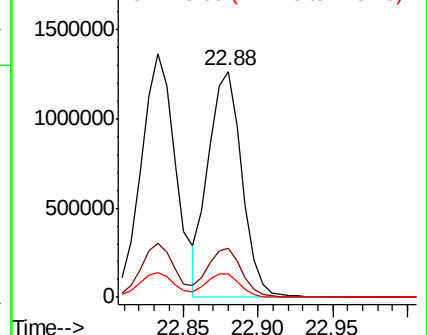
125 10.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 26.681 ng

RT: 23.41 min Scan# 3455

Delta R.T. -0.03 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

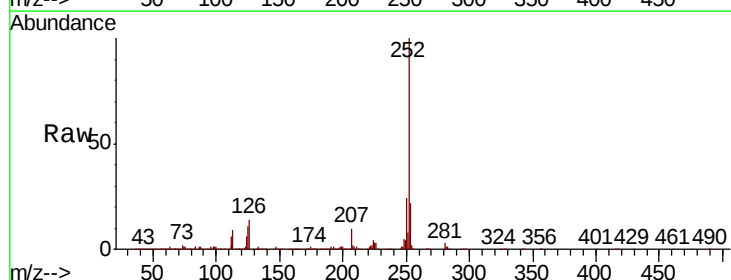
Tgt Ion:252 Resp: 1962719

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

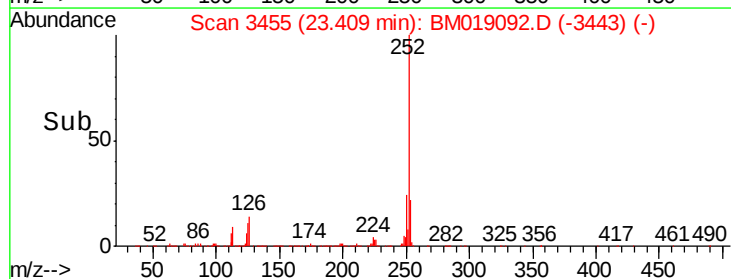
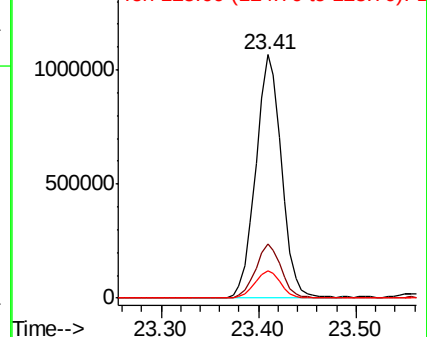
125 11.5 8.6 13.0

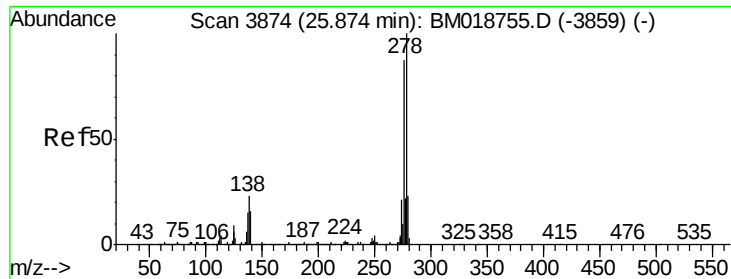


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 26.211 ng

RT: 25.79 min Scan# 3859

Delta R.T. -0.04 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

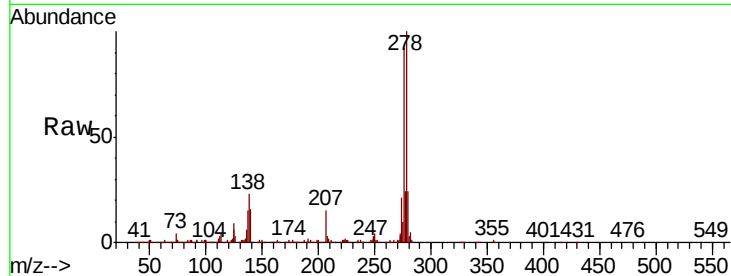
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1910332

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	18.8
279	23.7	18.6	28.0

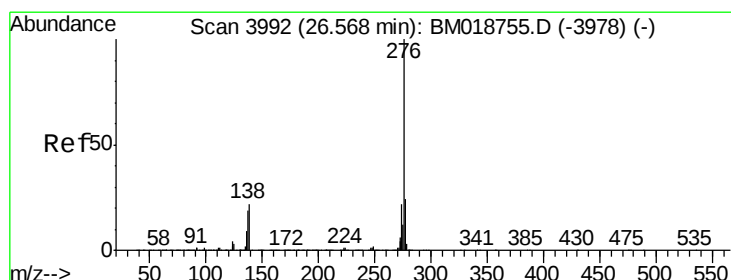
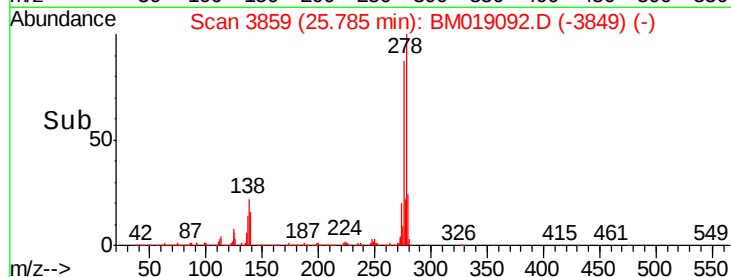
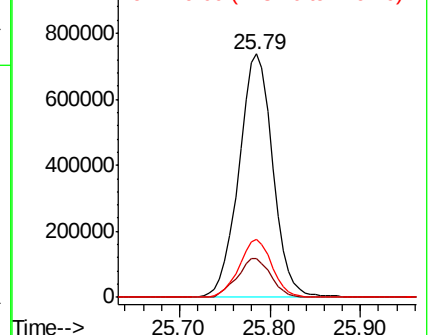


Abundance

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: 25.704 ng

RT: 26.47 min Scan# 3975

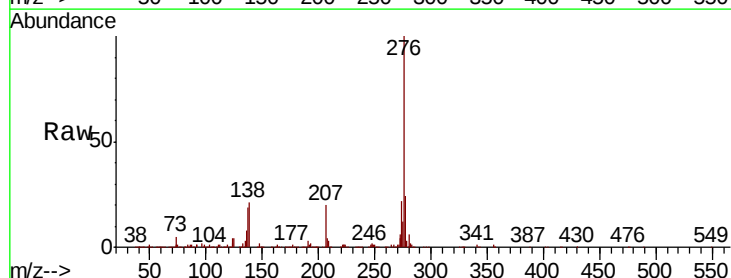
Delta R.T. -0.05 min

Lab File: BM019092.D

Acq: 11 Mar 2019 14:08

Tgt Ion:276 Resp: 1744017

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.9	17.3	25.9



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

