

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019129.D
 Acq On : 13 Mar 2019 03:03
 Operator : JU/SJ
 Sample : K1849-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1355-PC

Quant Time: Mar 13 03:58:32 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 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	243177	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1113883	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	721677	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1555194	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1411739	20.00	ng	0.00
87) Perylene-d12	23.51	264	1193908	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1968920	131.12	ng	0.00
7) Phenol-d6	6.85	99	2513971	114.46	ng	0.00
23) Nitrobenzene-d5	8.83	82	2157629	91.56	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1585262	148.78	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4401035	79.32	ng	0.00
79) Terphenyl-d14	19.71	244	7552290	106.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	3282	0.491	ng	# 1
3) Pyridine	3.63	79	264	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.59	42	853	0.151	ng	# 1
8) 2-Chlorophenol	7.23	128	422	0.023	ng	# 1
9) Benzaldehyde	6.85	77	14572	1.055	ng	# 38
10) Phenol	6.87	94	10653	0.450	ng	# 5
15) Benzyl Alcohol	7.92	79	63072	3.470	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	1020	0.055	ng	80
17) 2-Methylphenol	8.12	107	398	0.026	ng	# 59
20) 3+4-Methylphenols	8.46	107	2170	0.104	ng	# 48
22) Acetophenone	8.50	105	6825	0.222	ng	# 96
24) Nitrobenzene	8.83	77	7049	0.288	ng	# 40
25) Isophorone	9.37	82	416	0.009	ng	# 68
28) bis(2-Chloroethoxy)methane	9.87	93	736	0.028	ng	# 1
31) Naphthalene	10.50	128	18428	0.314	ng	# 94
35) Caprolactam	11.45	113	1496	0.251	ng	# 1
36) 4-Chloro-3-methylphenol	11.76	107	944	0.046	ng	# 55
37) 2-Methylnaphthalene	12.12	142	6821	0.160	ng	# 69
38) 1-Methylnaphthalene	12.34	142	4738	0.113	ng	# 93
46) 1,1'-Biphenyl	13.14	154	9873	0.157	ng	# 39
47) 2-Chloronaphthalene	13.15	162	108	0.002	ng	# 1
48) 2-Nitroaniline	13.48	65	2218	0.141	ng	# 39
49) Acenaphthylene	14.03	152	1568	0.020	ng	# 13
50) Dimethylphthalate	13.78	163	24644	0.399	ng	# 88
51) 2,6-Dinitrotoluene	13.91	165	295	0.022	ng	# 1
52) Acenaphthene	14.38	154	4723	0.103	ng	# 67
53) 3-Nitroaniline	14.26	138	977	0.069	ng	# 36
54) 2,4-Dinitrophenol	14.47	184	1216	0.157	ng	# 1
55) Dibenzofuran	14.72	168	8159	0.111	ng	# 1
56) 4-Nitrophenol	14.59	139	14213	1.232	ng	# 79
57) 2,4-Dinitrotoluene	14.73	165	952	0.049	ng	# 1
58) Fluorene	15.37	166	6431	0.106	ng	# 92
59) 2,3,4,6-Tetrachlorophenol	14.95	232	125	0.009	ng	# 1
60) Diethylphthalate	15.14	149	43417	0.694	ng	# 73

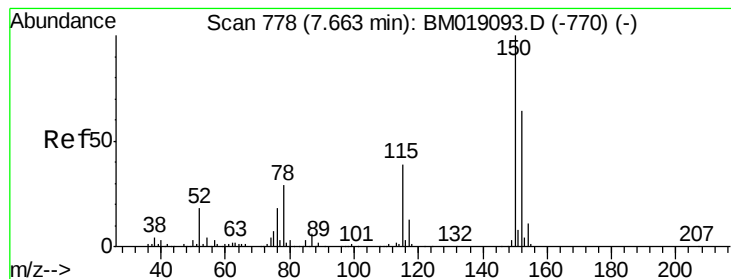
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019129.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Nitroaniline	15.43	138	1172	0.082	ng	# 58
63) Azobenzene	15.67	77	9106	0.138	ng	# 58
65) 4,6-Dinitro-2-methylphenol	15.48	198	602	0.059	ng	# 1
66) n-Nitrosodiphenylamine	15.61	169	4564	0.092	ng	# 25
69) Atrazine	16.54	200	256	0.015	ng	# 1
70) Pentachlorophenol	16.72	266	6170	0.502	ng	# 89
71) Phenanthrene	17.11	178	20076	0.220	ng	# 90
72) Anthracene	17.20	178	2145	0.024	ng	# 19
73) Carbazole	17.48	167	2809	0.033	ng	# 1
74) Di-n-butylphthalate	18.03	149	80558	0.791	ng	# 92
75) Fluoranthene	19.13	202	10273	0.098	ng	# 17
77) Benzidine	19.32	184	257	0.006	ng	# 1
78) Pyrene	19.50	202	7102	0.080	ng	# 46
80) Butylbenzylphthalate	20.41	149	5654	0.145	ng	# 3
81) Benzo(a)anthracene	21.26	228	6410	0.072	ng	# 24
82) 3,3'-Dichlorobenzidine	21.20	252	1895	0.056	ng	# 1
83) Chrysene	21.30	228	5730	0.067	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.17	149	57858	1.022	ng	# 95
85) Di-n-octyl phthalate	22.05	149	14679	0.154	ng	# 52
86) Indeno(1,2,3-cd)pyrene	25.77	276	1249	0.014	ng	# 19
88) Benzo(b)fluoranthene	22.84	252	3160	0.041	ng	# 1
89) Benzo(k)fluoranthene	22.88	252	459	0.006	ng	# 1
90) Benzo(a)pyrene	23.41	252	4138	0.060	ng	# 1
91) Dibenzo(a,h)anthracene	25.80	278	110	0.002	ng	# 1
92) Benzo(g,h,i)perylene	26.45	276	594	0.010	ng	# 28

(#) = 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. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

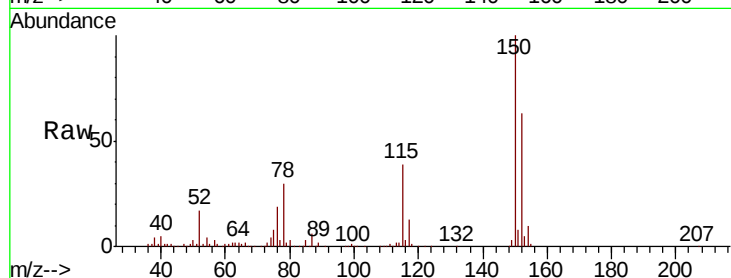
Tot Ion:152 Resp: 243177

Ion Ratio Lower Upper

152 100

150 158.8 125.3 187.9

115 62.0 49.4 74.0

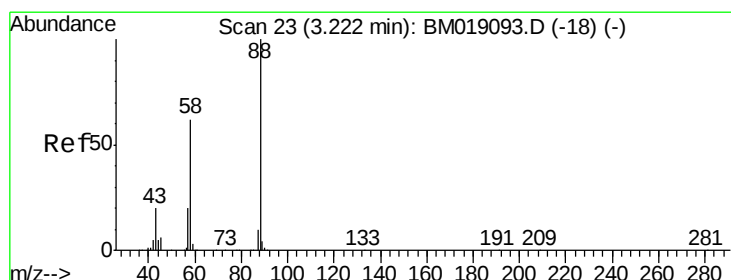
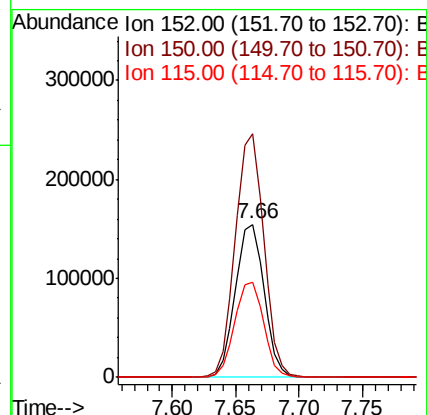
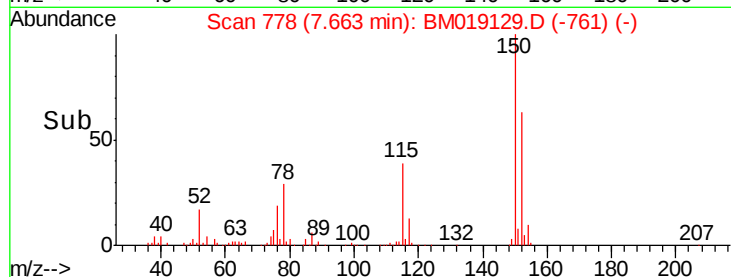


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.491 ng

RT: 3.22 min Scan# 23

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

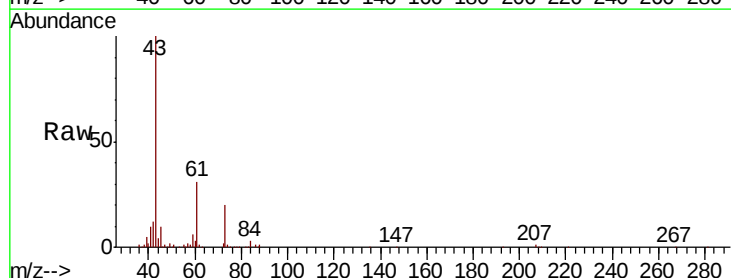
Tgt Ion: 88 Resp: 3282

Ion Ratio Lower Upper

88 100

58 38.1 50.0 75.0#

43 7678.4 17.0 25.4#

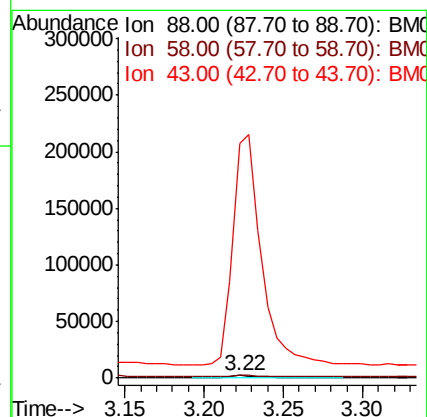
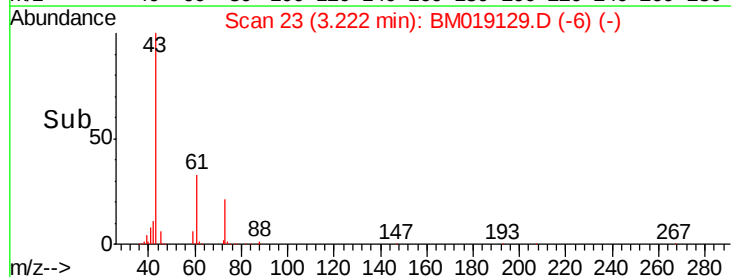


Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.015 ng

RT: 3.63 min Scan# 92

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

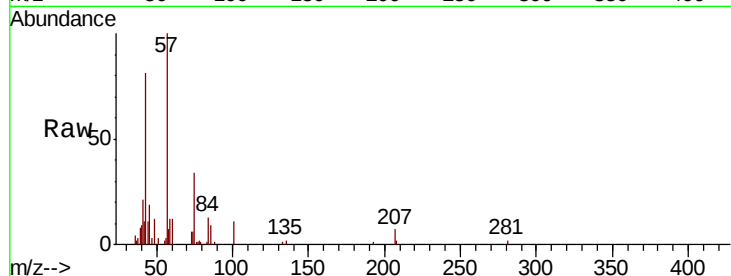
Tot Ion: 79 Resp: 264

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

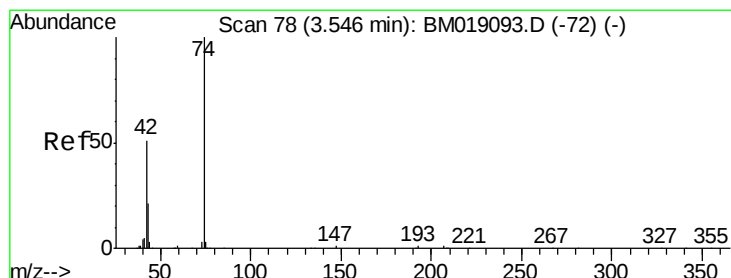
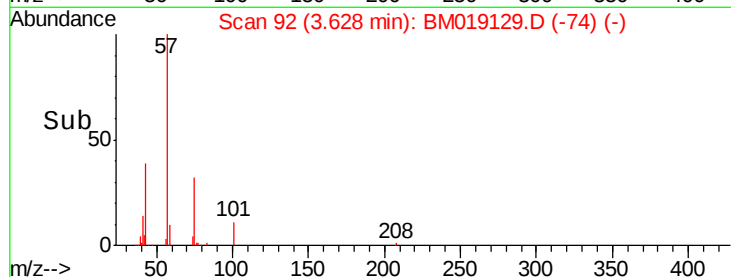
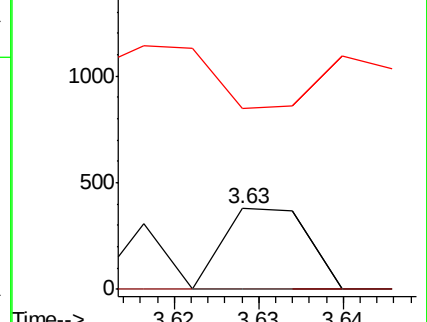
51 222.6 19.2 28.8#



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 0.151 ng

RT: 3.59 min Scan# 86

Delta R.T. 0.05 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

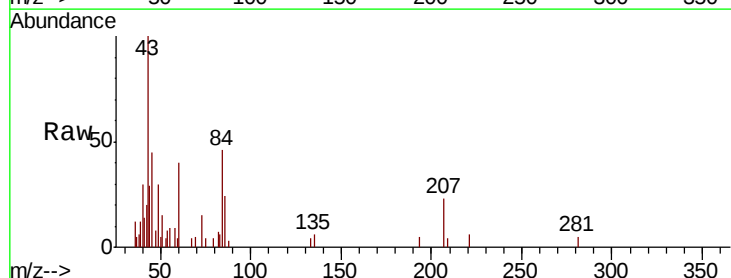
Tgt Ion: 42 Resp: 853

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

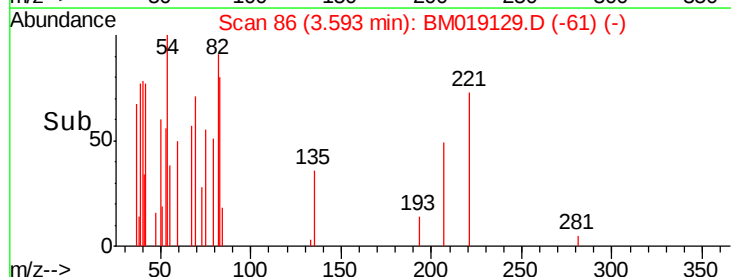
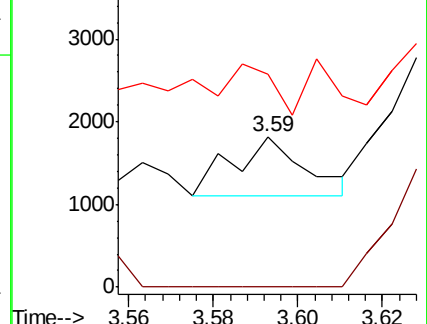
44 141.9 4.6 7.0#

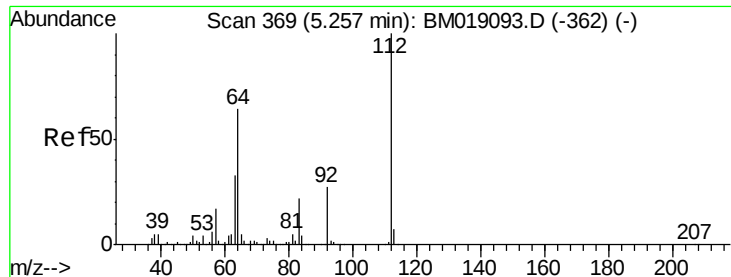


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 131.124 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

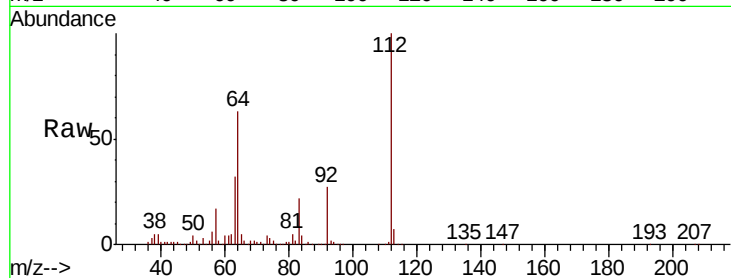
Tot Ion:112 Resp: 1968920

Ion Ratio Lower Upper

112 100

64 63.1 51.4 77.0

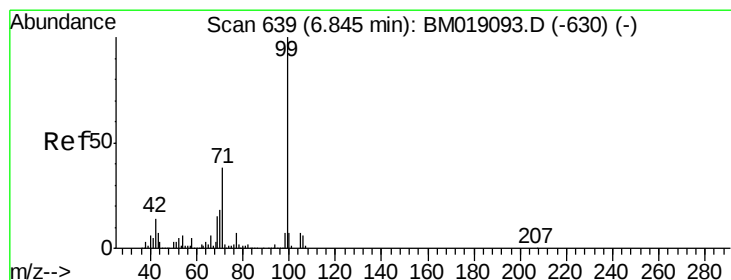
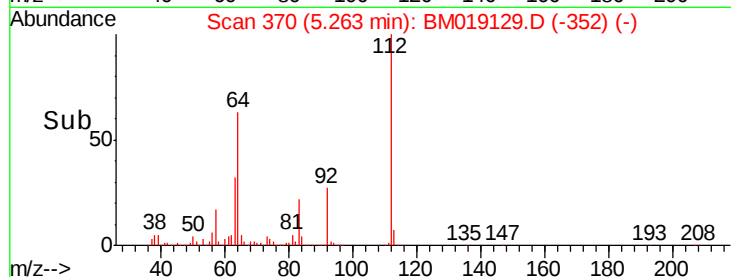
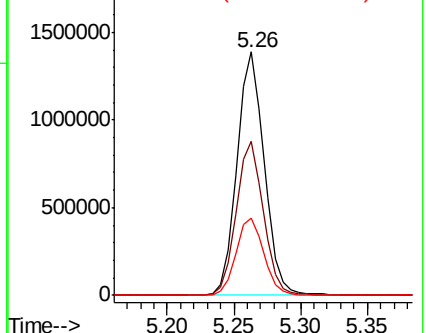
63 31.6 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 114.460 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

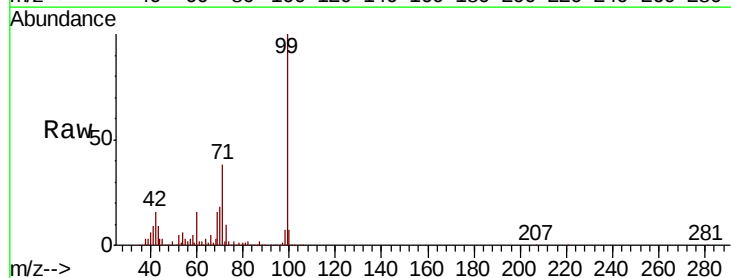
Tgt Ion: 99 Resp: 2513971

Ion Ratio Lower Upper

99 100

42 16.3 10.9 16.3

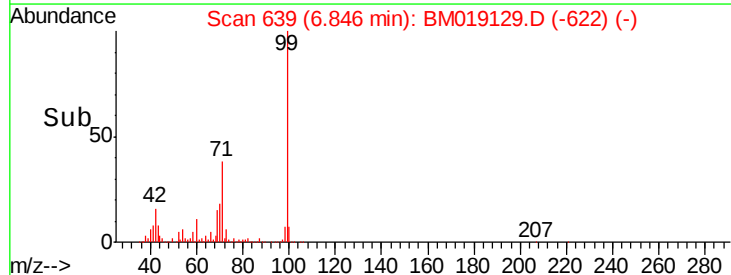
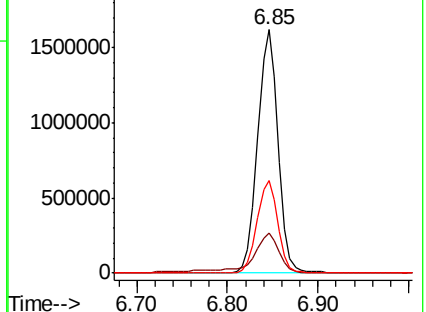
71 38.1 30.3 45.5

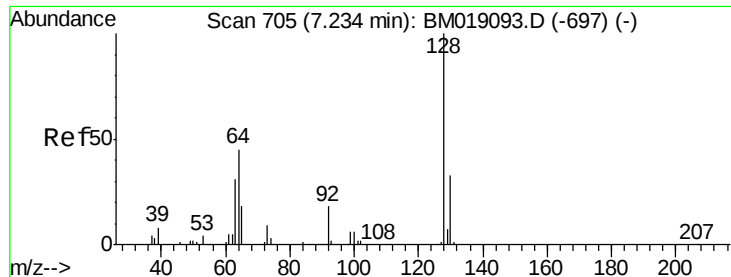


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.023 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

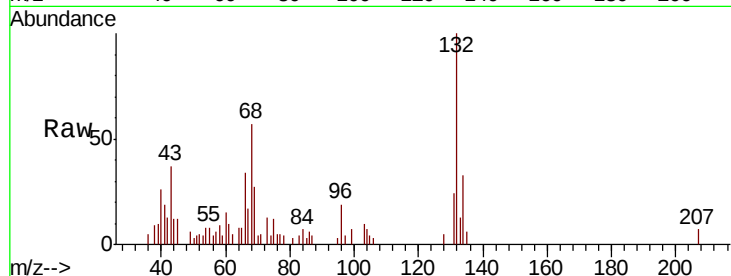
Tot Ion:128 Resp: 422

Ion Ratio Lower Upper

128 100

130 0.0 12.8 52.8#

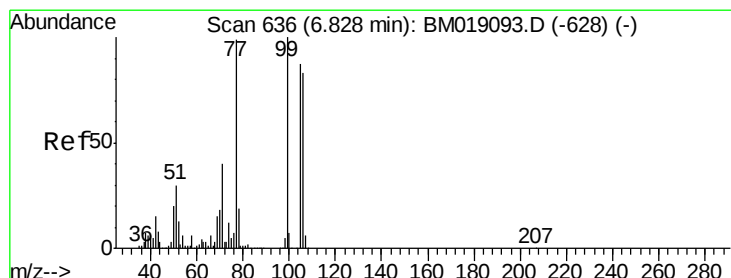
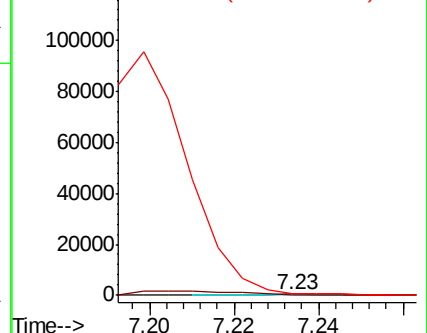
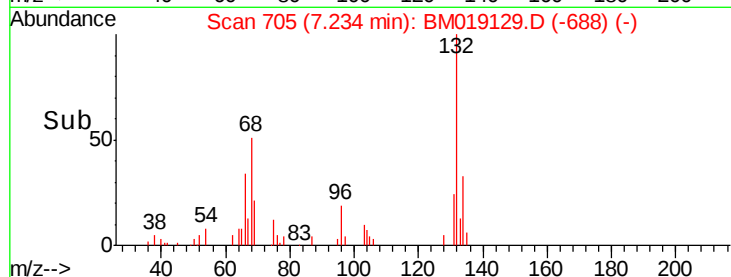
64 147.0 30.8 70.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 1.055 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

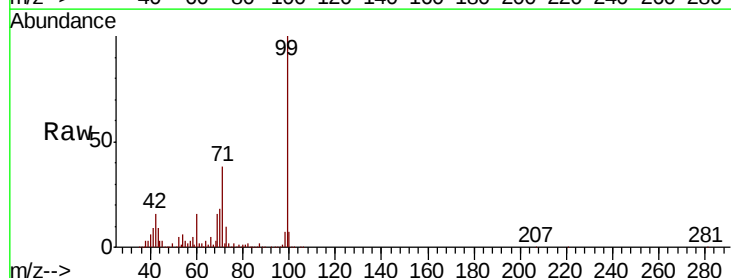
Tgt Ion: 77 Resp: 14572

Ion Ratio Lower Upper

77 100

105 30.2 67.7 107.7#

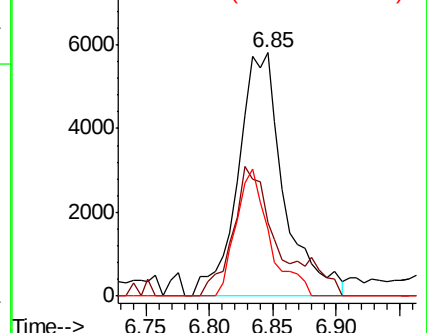
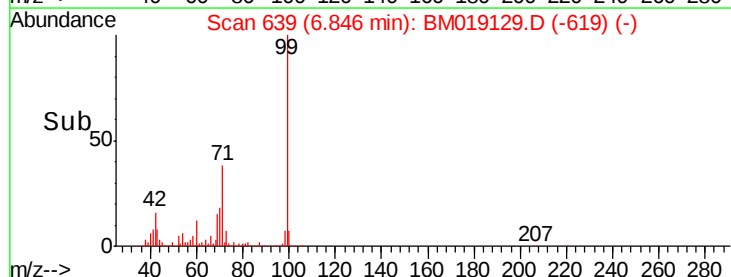
106 27.6 64.1 104.1#

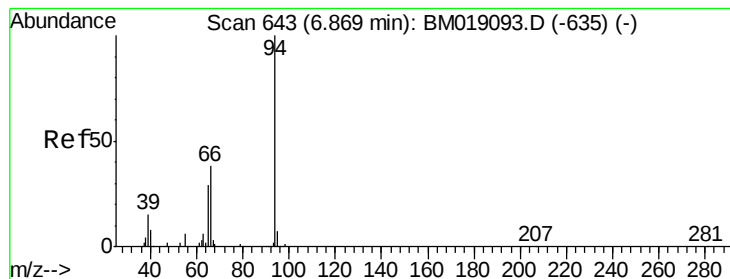


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.450 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampled :

C1355-PC

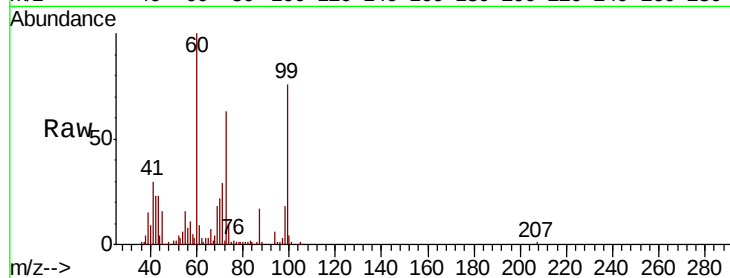
Tot Ion: 94 Resp: 10653

Ion Ratio Lower Upper

94 100

65 53.2 9.7 49.7#

66 121.5 19.2 59.2#

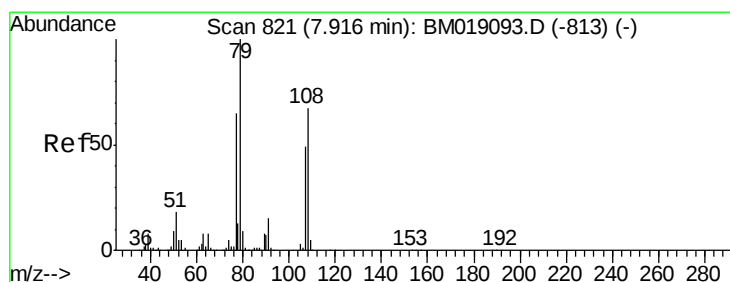
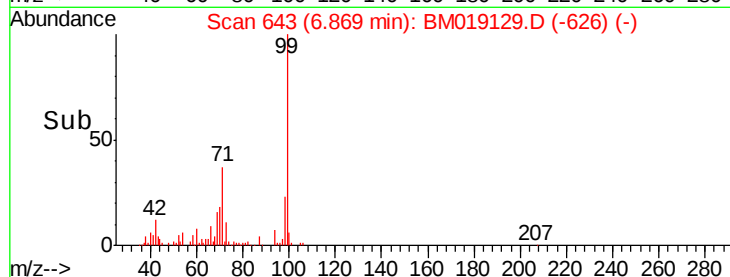
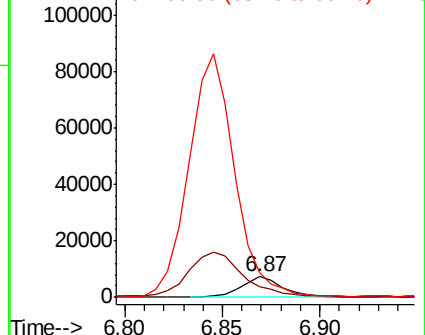


Abundance

Ion 94.00 (93.70 to 94.70): BM019129.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019129.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019129.D (-626) (-)



#15

Benzyl Alcohol

Concen: 3.470 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

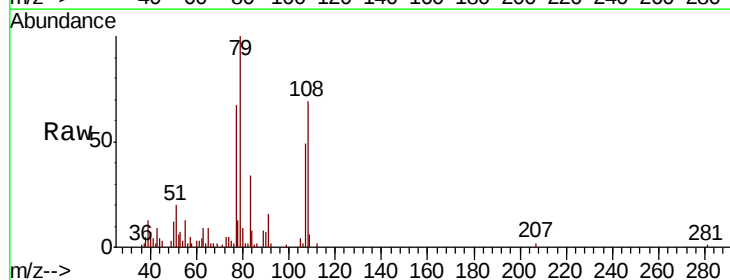
Tgt Ion: 79 Resp: 63072

Ion Ratio Lower Upper

79 100

108 69.1 53.7 80.5

77 67.2 51.8 77.8

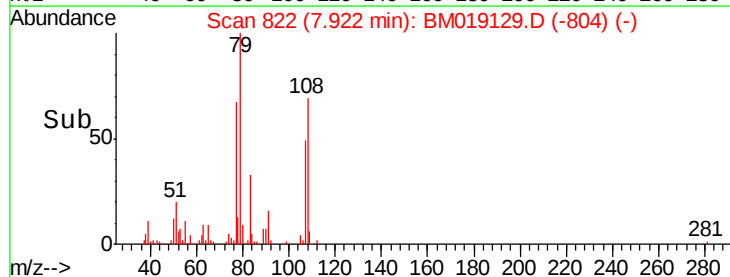
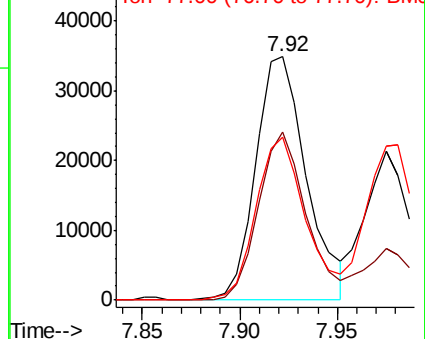


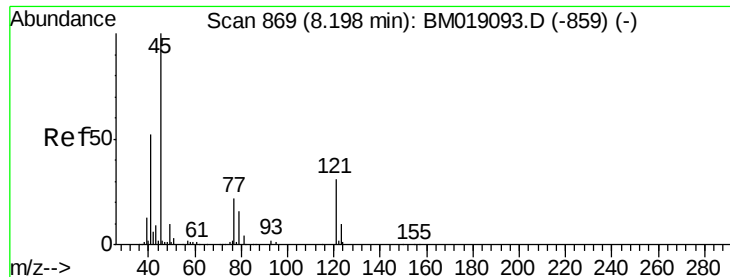
Abundance

Ion 79.00 (78.70 to 79.70): BM019129.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019129.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019129.D (-804) (-)

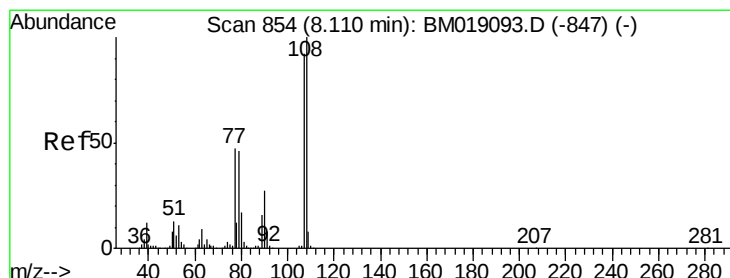
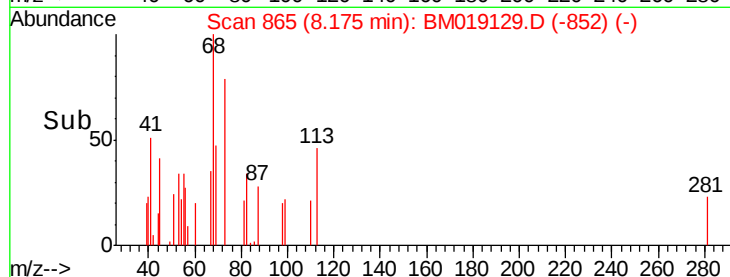
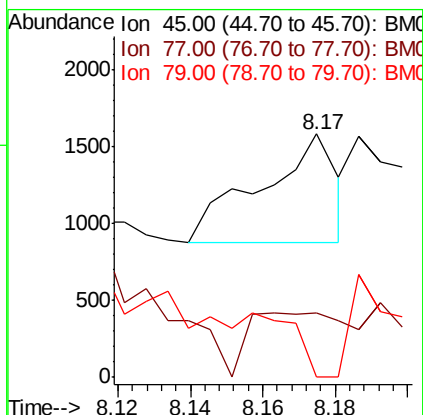
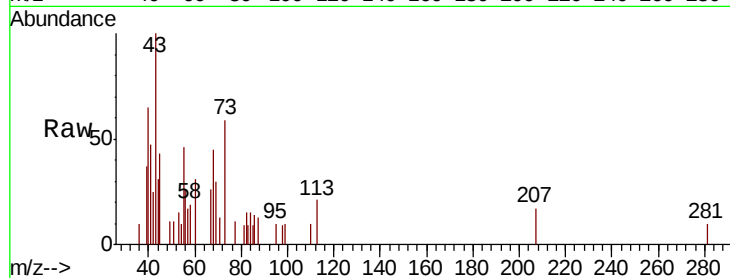




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.055 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

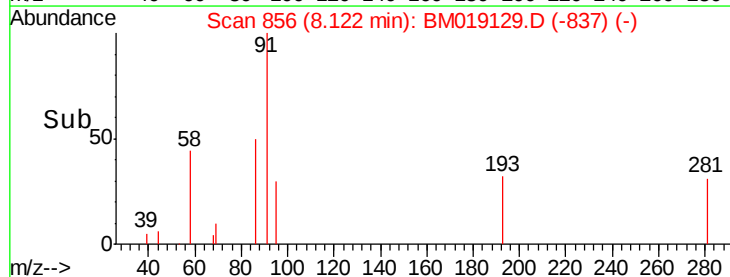
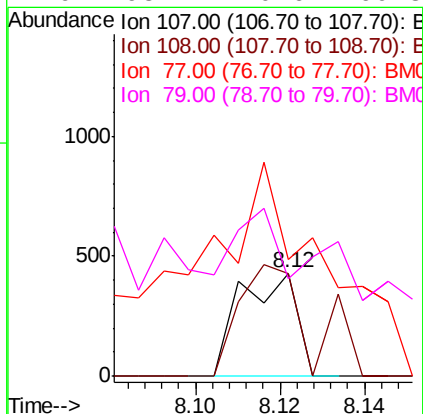
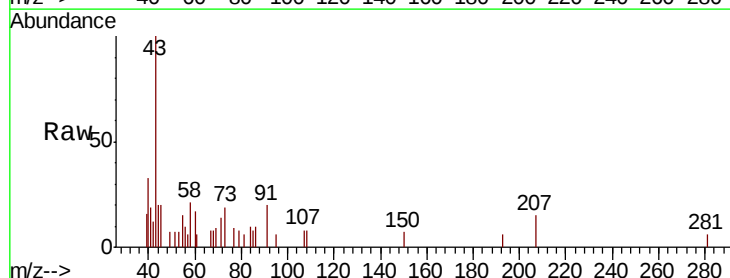
Instrument :
BNA_M
ClientSampleId :
C1355-PC

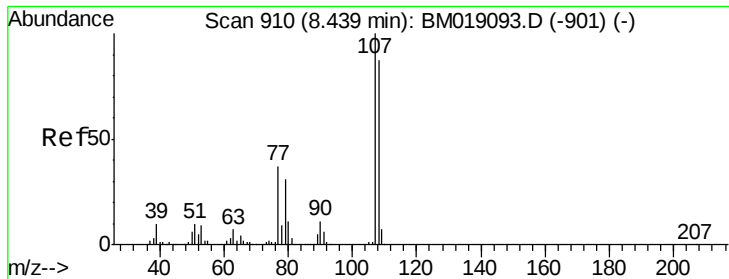
Tot Ion: 45 Resp: 1020
Ion Ratio Lower Upper
45 100
77 26.4 4.1 44.1
79 0.0 0.0 38.1



#17
2-Methylphenol
Concen: 0.026 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:107 Resp: 398
Ion Ratio Lower Upper
107 100
108 99.5 87.4 131.2
77 112.8 41.6 62.4#
79 95.1 40.6 60.8#





#20

3+4-Methylphenols

Concen: 0.104 ng

RT: 8.46 min Scan# 913

Delta R.T. 0.02 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

Tot Ion:107 Resp: 2170

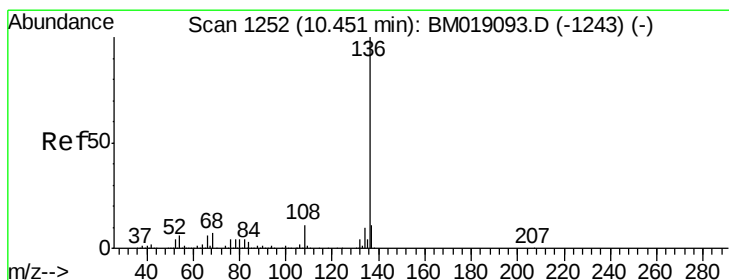
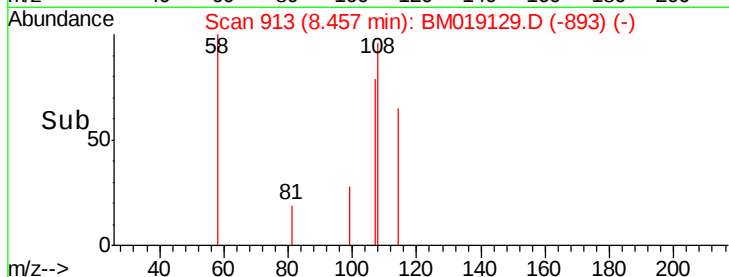
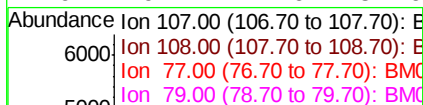
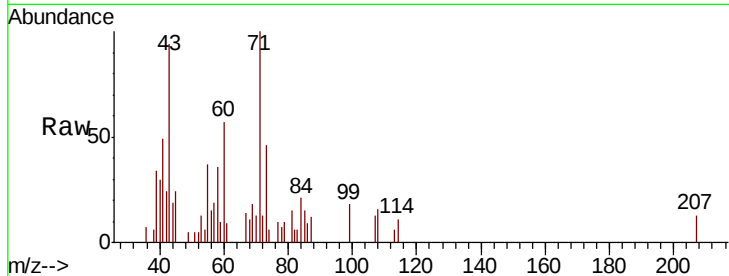
Ion Ratio Lower Upper

107 100

108 121.2 67.0 107.0#

77 73.5 17.3 57.3#

79 79.1 11.6 51.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Tgt Ion:136 Resp: 1113883

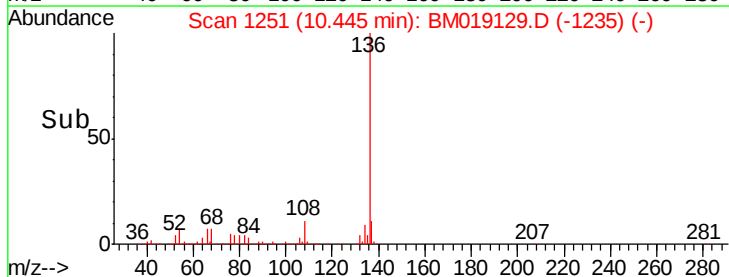
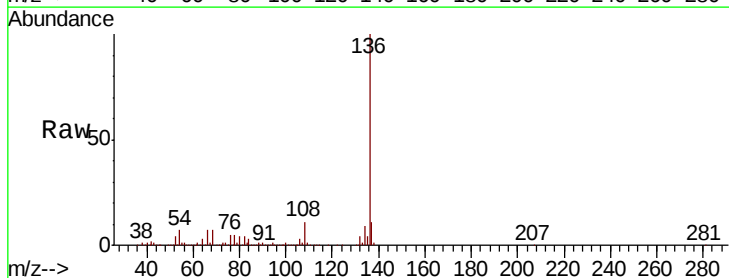
Ion Ratio Lower Upper

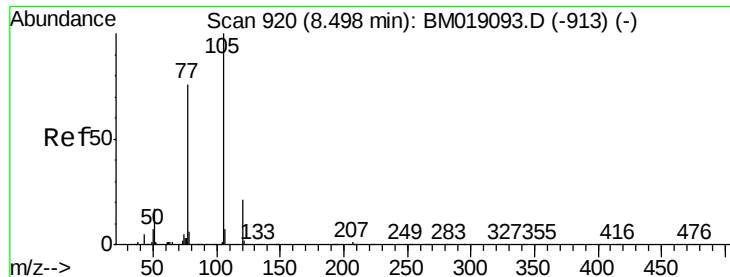
136 100

137 11.3 8.6 13.0

54 7.2 5.2 7.8

68 7.5 5.8 8.8





#22

Acetophenone

Concen: 0.222 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

Tot Ion:105 Resp: 6825

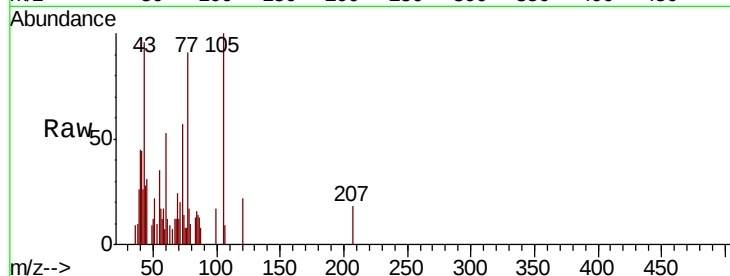
Ion Ratio Lower Upper

105 100

71 19.8 0.8 1.2#

51 22.0 15.8 23.6

120 21.8 17.0 25.4

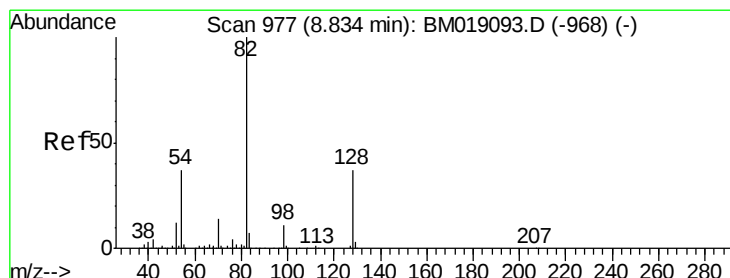
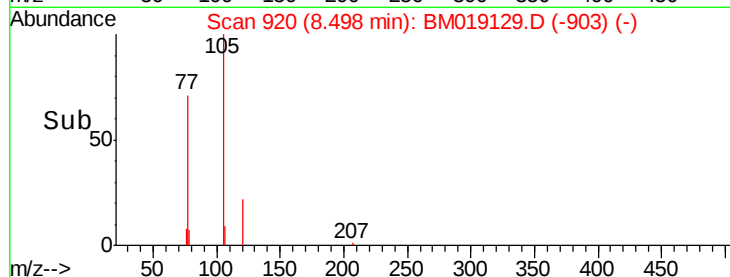
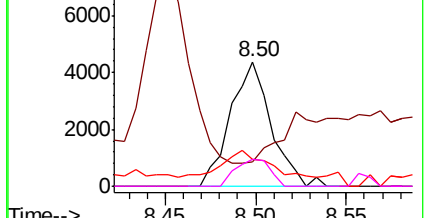


Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.564 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

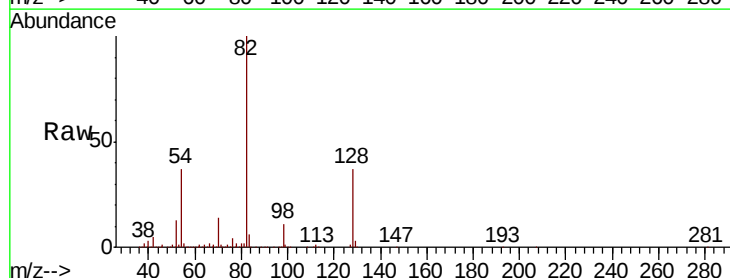
Tgt Ion: 82 Resp: 2157629

Ion Ratio Lower Upper

82 100

128 37.4 29.4 44.2

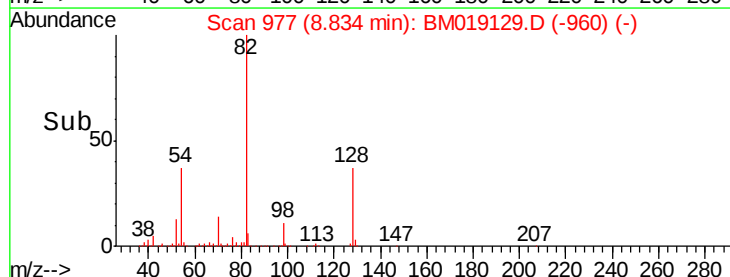
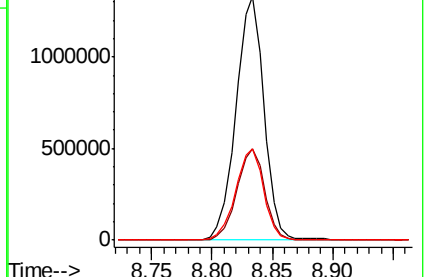
54 37.4 29.9 44.9

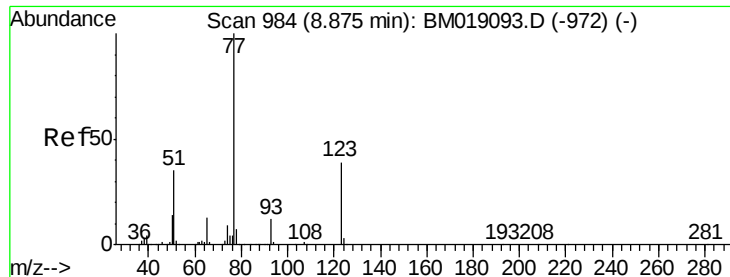


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.288 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

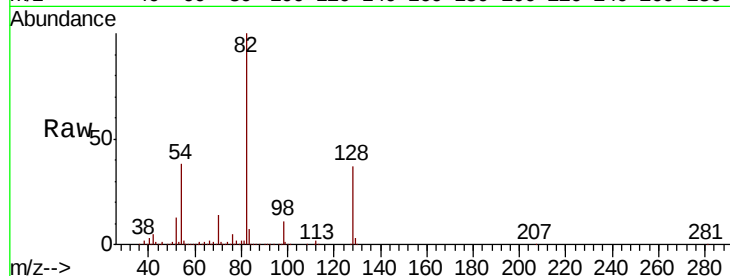
Tot Ion: 77 Resp: 7049

Ion Ratio Lower Upper

77 100

123 0.0 31.3 46.9#

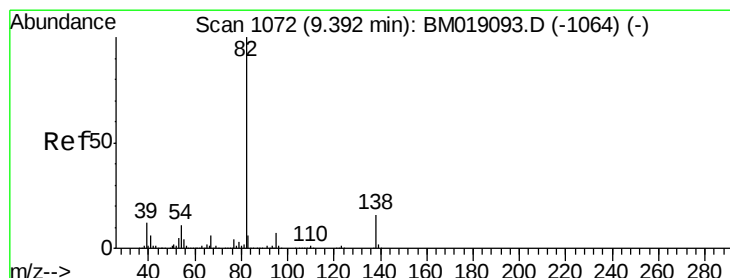
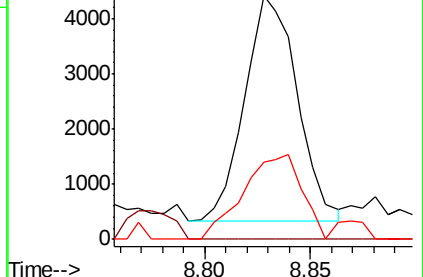
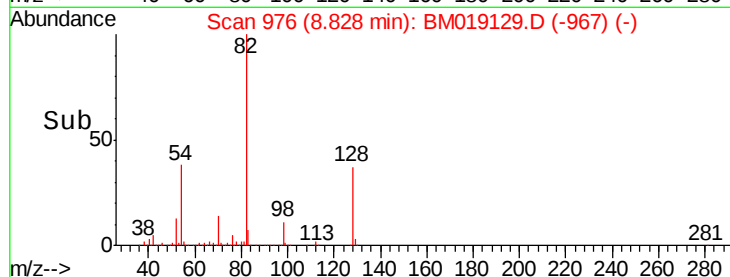
65 31.6 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM019129.D (-967) (-)

Ion 123.00 (122.70 to 123.70): BM019129.D (-967) (-)

Ion 65.00 (64.70 to 65.70): BM019129.D (-967) (-)



#25

Isophorone

Concen: 0.009 ng

RT: 9.37 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

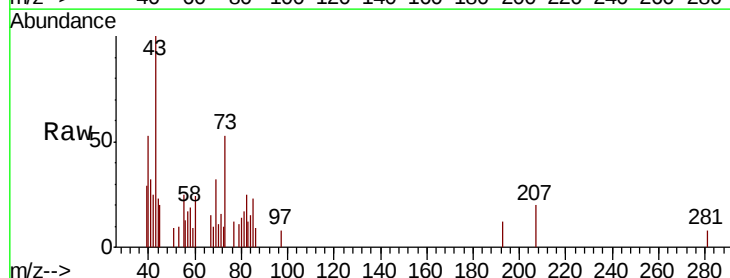
Tgt Ion: 82 Resp: 416

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

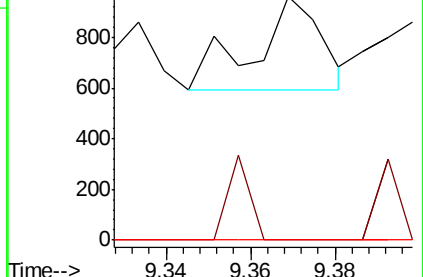
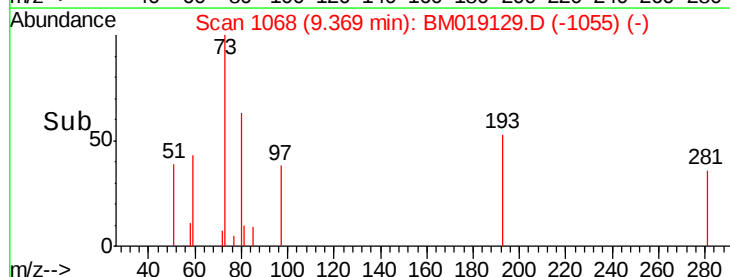
138 0.0 12.6 18.8#

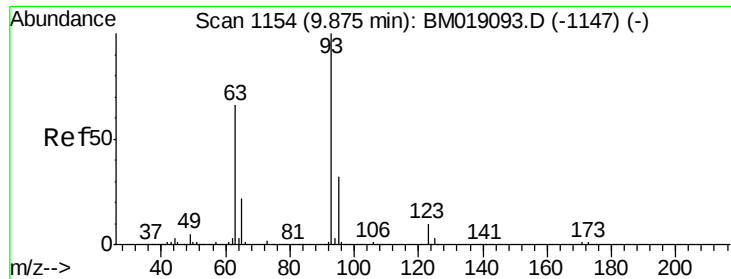


Abundance Ion 82.00 (81.70 to 82.70): BM019129.D (-1055) (-)

Ion 95.00 (94.70 to 95.70): BM019129.D (-1055) (-)

Ion 138.00 (137.70 to 138.70): BM019129.D (-1055) (-)

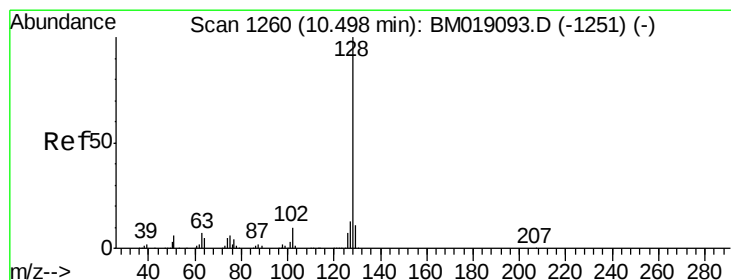
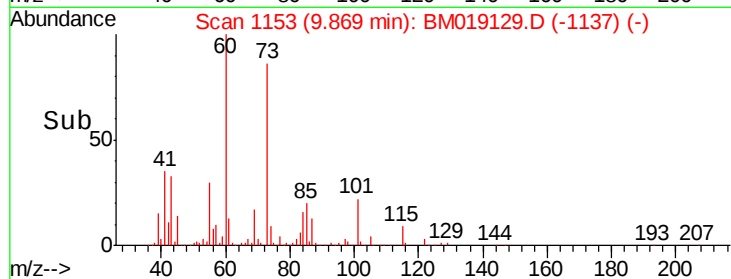
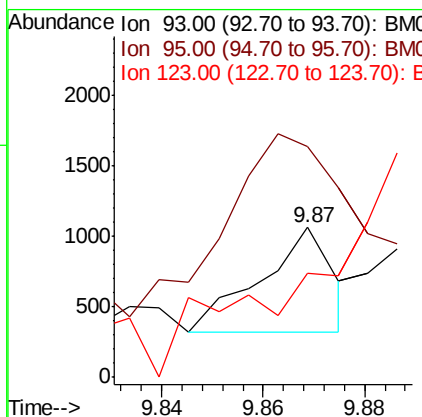
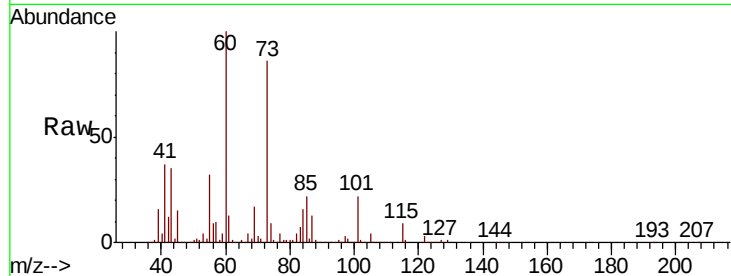




#28
bis(2-Chloroethoxy)methane
Concen: 0.028 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

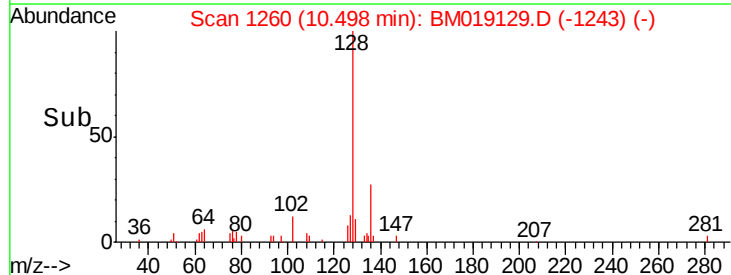
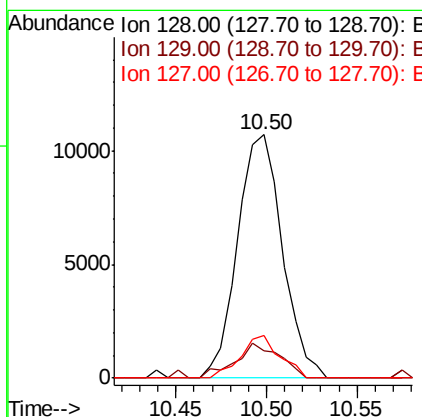
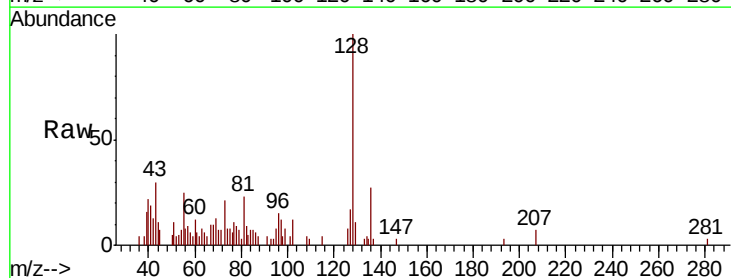
Instrument :
BNA_M
ClientSampled :
C1355-PC

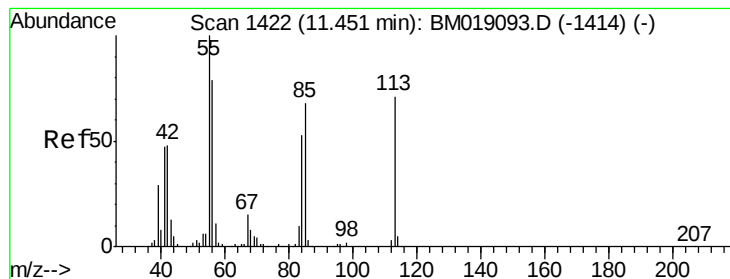
Tot Ion: 93 Resp: 736
Ion Ratio Lower Upper
93 100
95 154.7 25.8 38.8#
123 69.5 7.9 11.9#



#31
Naphthalene
Concen: 0.314 ng
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion: 128 Resp: 18428
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 17.3 10.4 15.6#





#35

Caprolactam

Concen: 0.251 ng

RT: 11.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

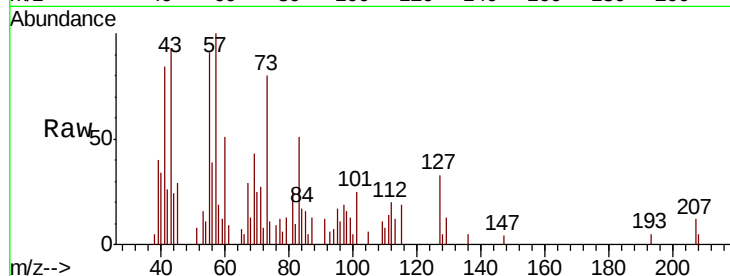
Tot Ion:113 Resp: 1496

Ion Ratio Lower Upper

113 100

55 774.5 120.1 160.1#

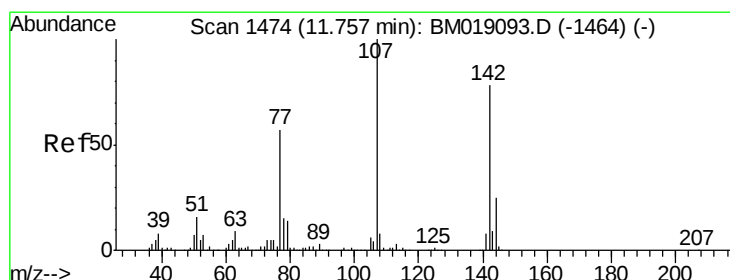
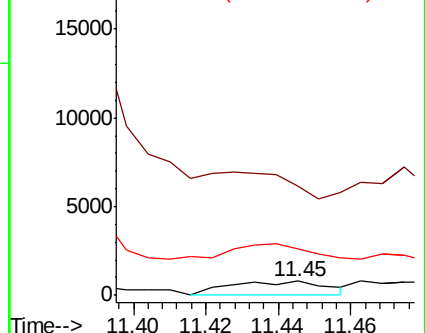
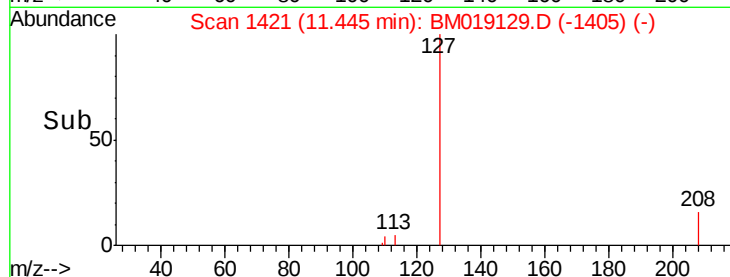
56 334.3 90.1 130.1#



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: 0.046 ng

RT: 11.76 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

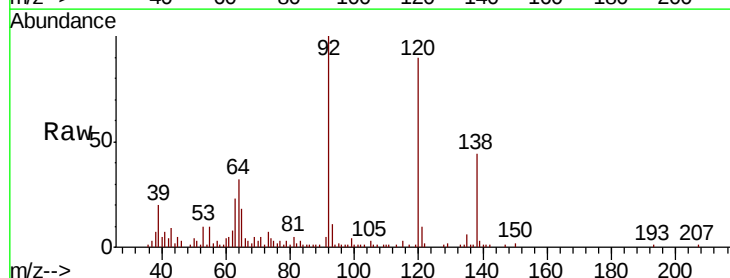
Tgt Ion:107 Resp: 944

Ion Ratio Lower Upper

107 100

144 0.0 20.2 30.4#

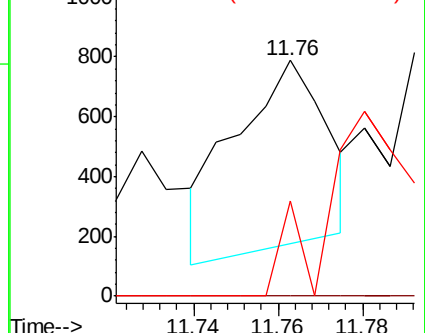
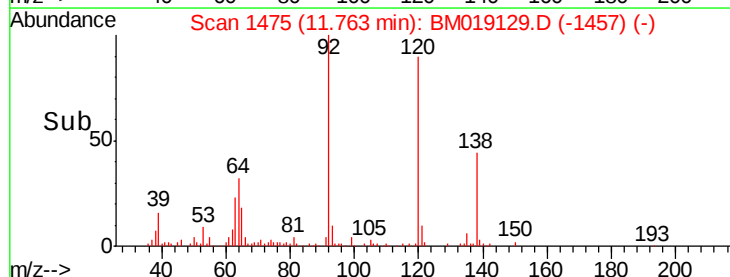
142 40.6 62.4 93.6#

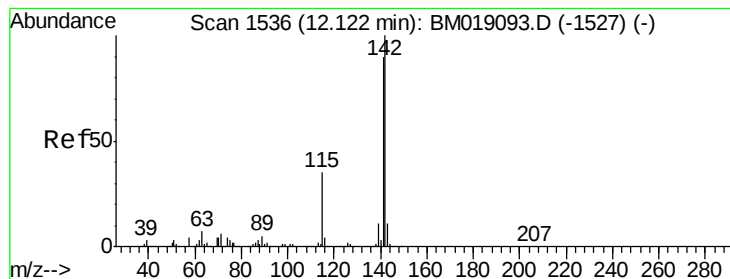


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 0.160 ng

RT: 12.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

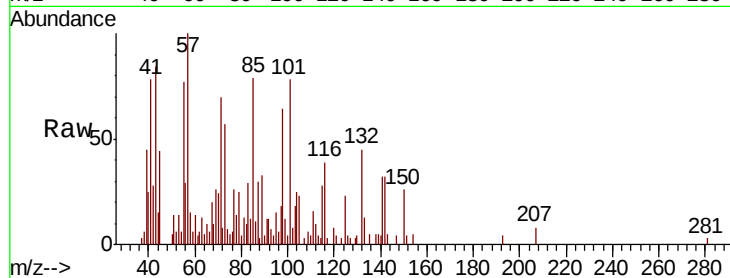
Tot Ion:142 Resp: 6821

Ion Ratio Lower Upper

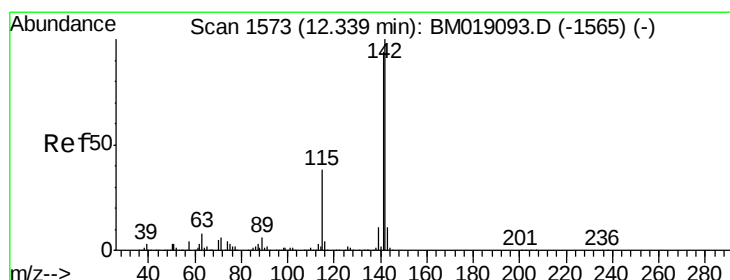
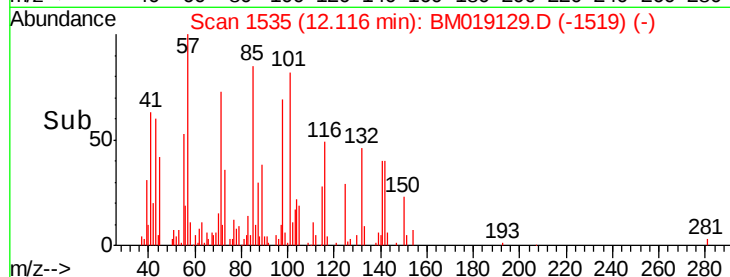
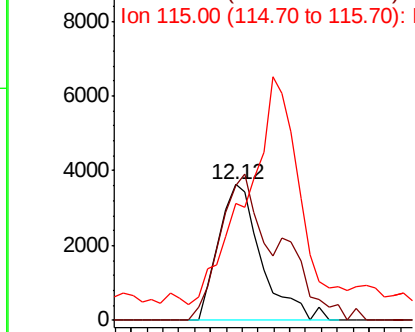
142 100

141 99.0 72.3 108.5

115 86.2 27.8 41.8#



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



#38

1-Methylnaphthalene

Concen: 0.113 ng

RT: 12.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

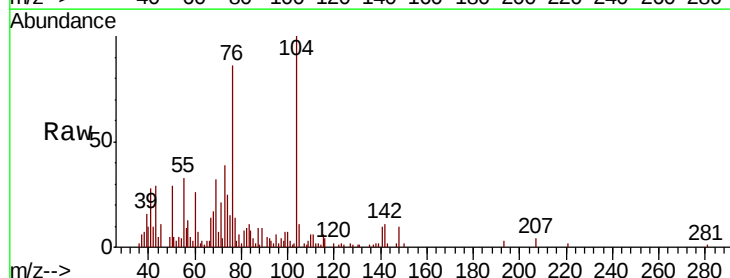
Tgt Ion:142 Resp: 4738

Ion Ratio Lower Upper

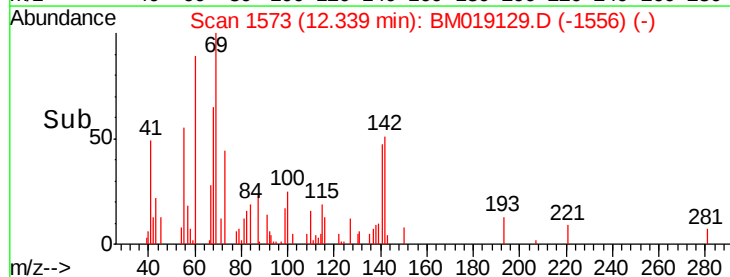
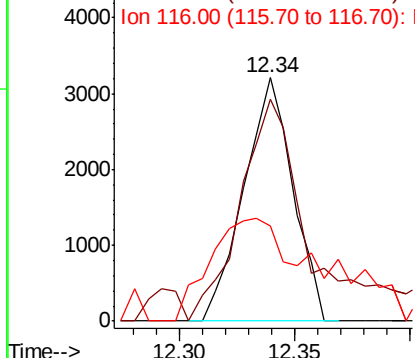
142 100

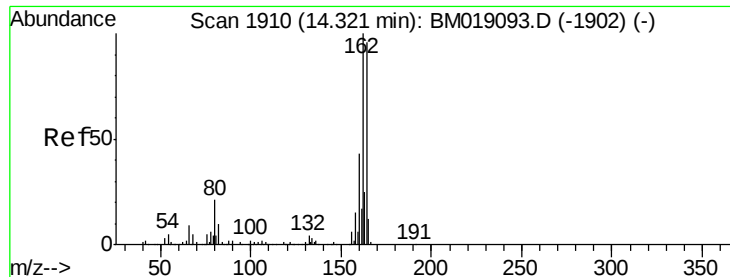
141 91.1 74.9 112.3

116 38.9 3.2 4.8#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

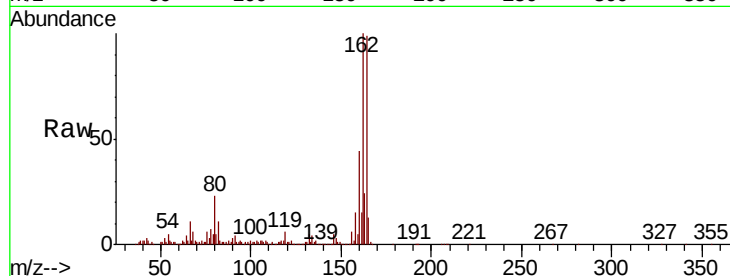
BNA_M

ClientSampleId :

C1355-PC

Tot Ion:164 Resp: 721677

Ion	Ratio	Lower	Upper
164	100		
162	100.6	83.5	125.3
160	44.0	36.3	54.5

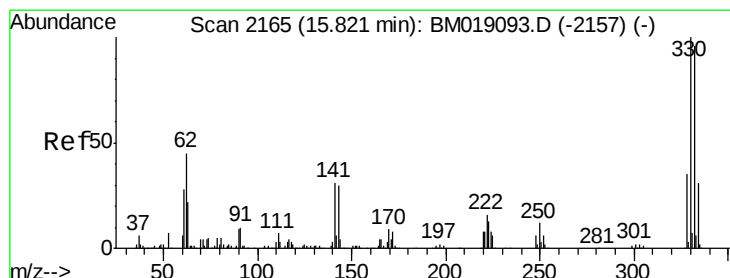
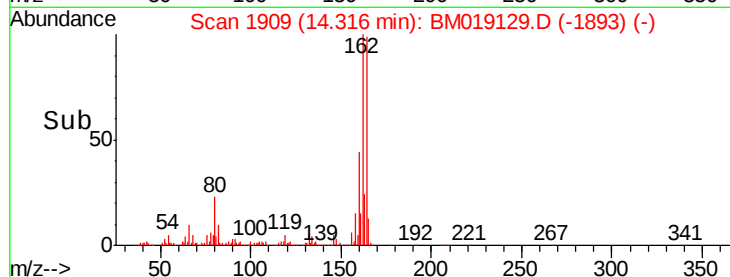
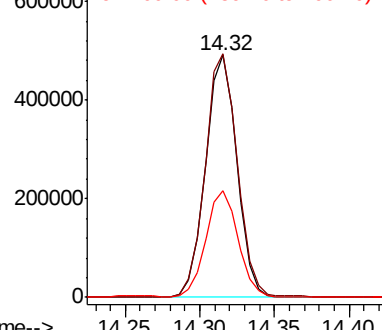


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 148.777 ng

RT: 15.82 min Scan# 2165

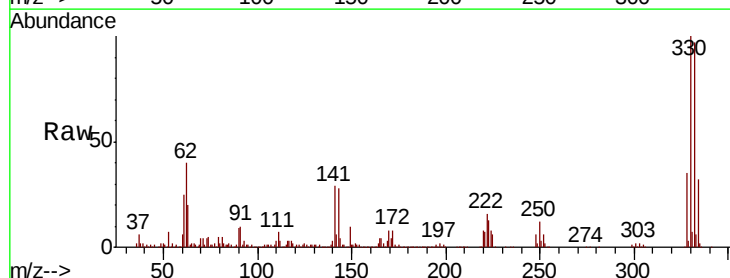
Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Tgt Ion:330 Resp: 1585262

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	32.5	27.0	40.4

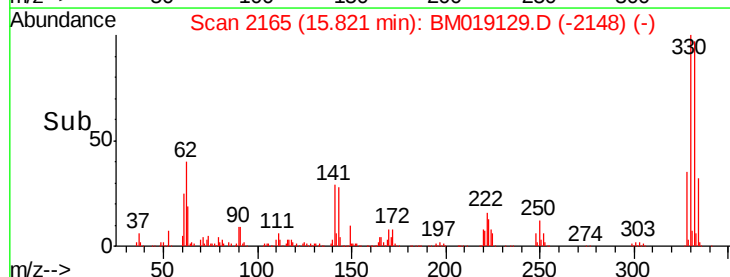
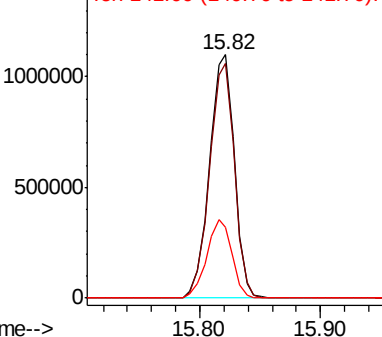


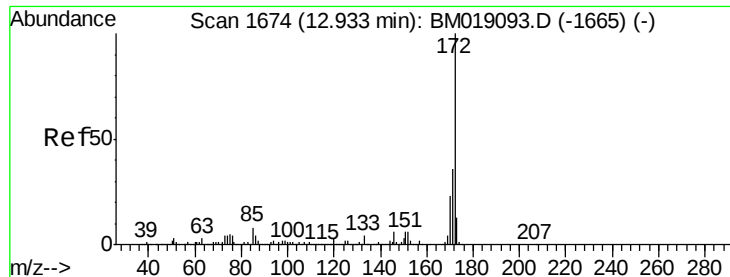
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 79.325 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

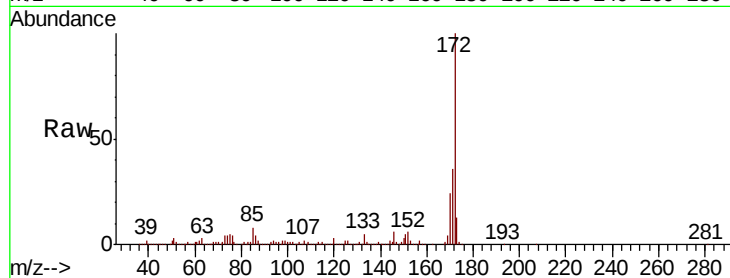
BNA_M

ClientSampleId :

C1355-PC

Tot Ion:172 Resp: 4401035

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	18.6	28.0

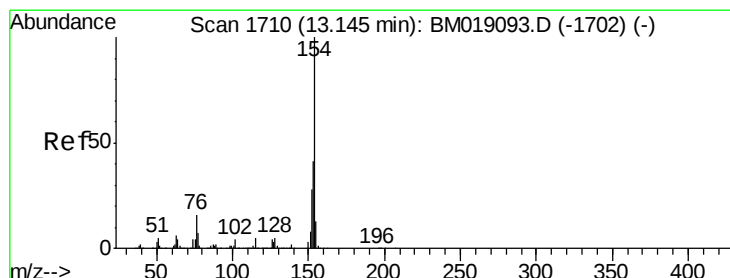
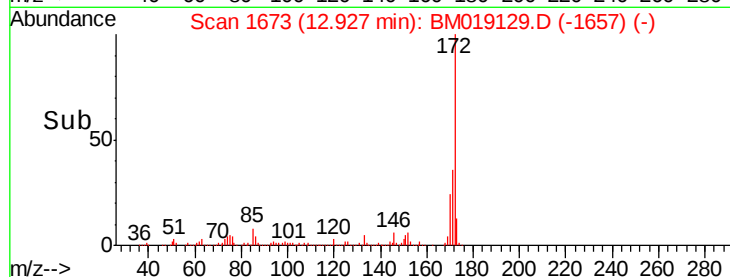
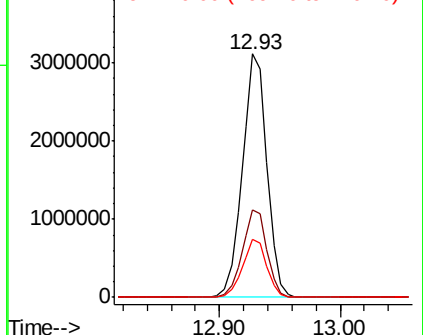


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 0.157 ng

RT: 13.14 min Scan# 1709

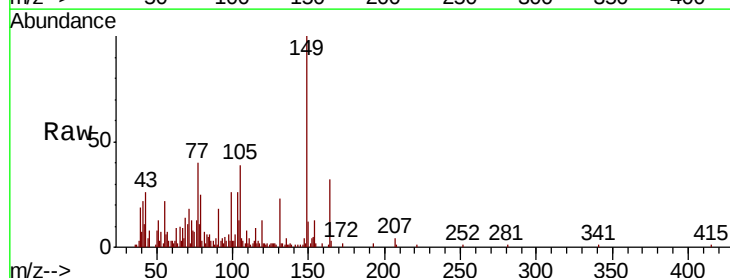
Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Tgt Ion:154 Resp: 9873

Ion	Ratio	Lower	Upper
154	100		
153	34.8	21.5	61.5
76	98.0	0.0	35.8#

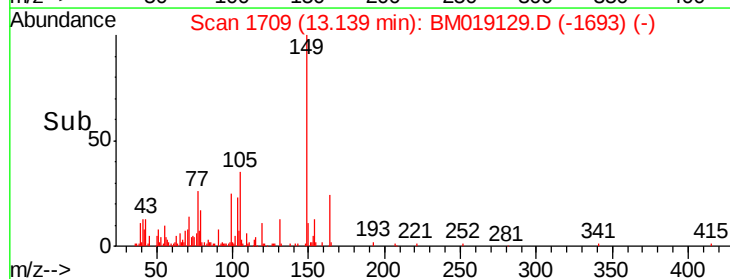
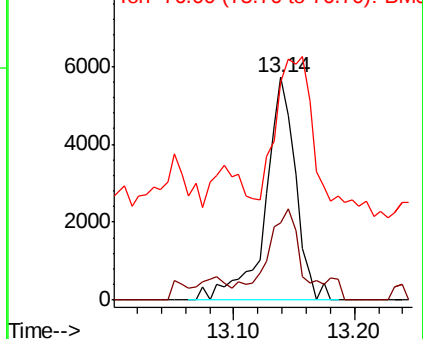


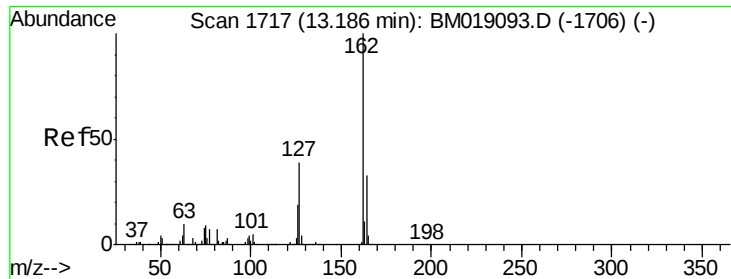
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 0.002 ng

RT: 13.15 min Scan# 1710

Delta R.T. -0.04 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

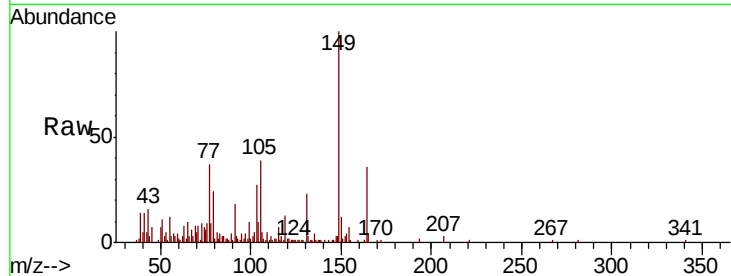
Tot Ion:162 Resp: 108

Ion Ratio Lower Upper

162 100

127 208.5 31.2 46.8#

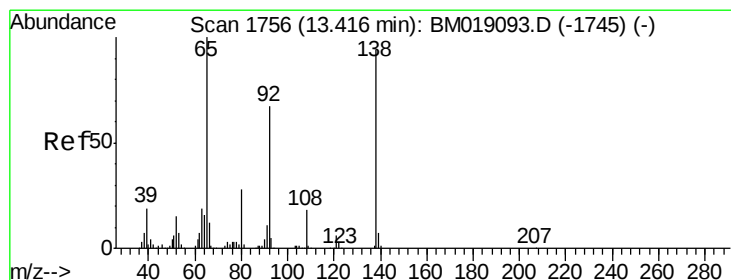
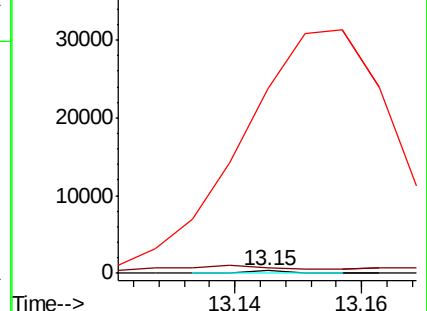
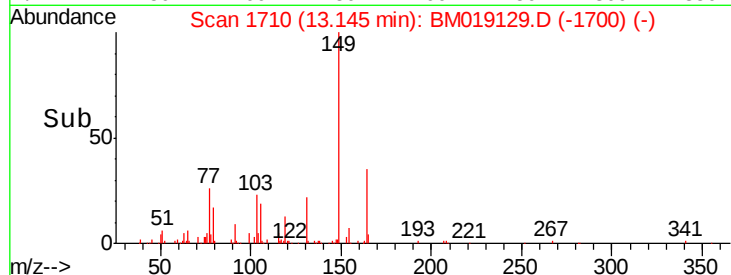
164 7771.8 26.3 39.5#



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: 0.141 ng

RT: 13.48 min Scan# 1767

Delta R.T. 0.06 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

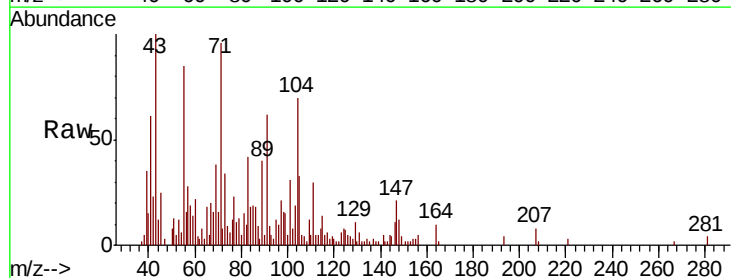
Tgt Ion: 65 Resp: 2218

Ion Ratio Lower Upper

65 100

92 46.8 53.4 80.2#

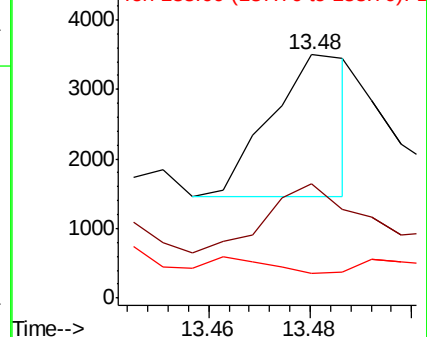
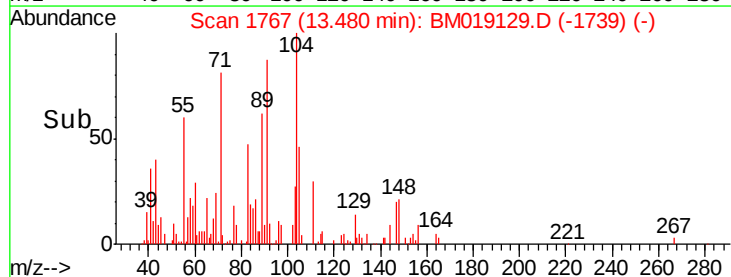
138 9.9 74.9 112.3#

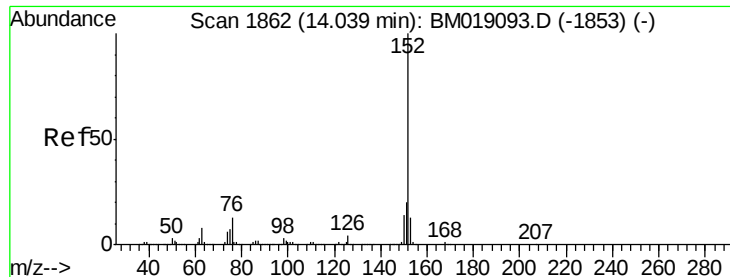


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.020 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

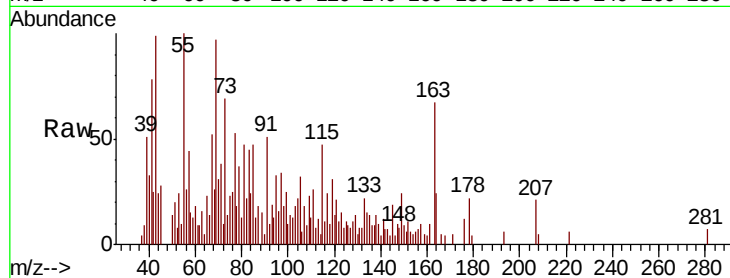
Tot Ion:152 Resp: 1568

Ion Ratio Lower Upper

152 100

151 55.2 16.2 24.2#

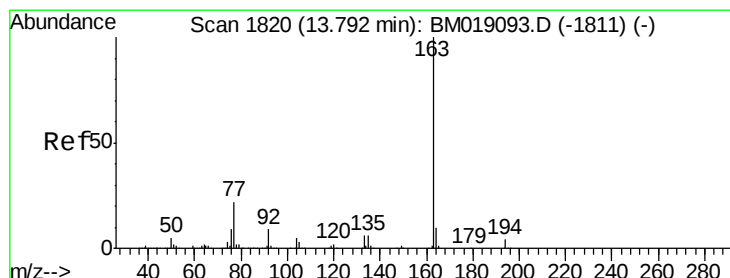
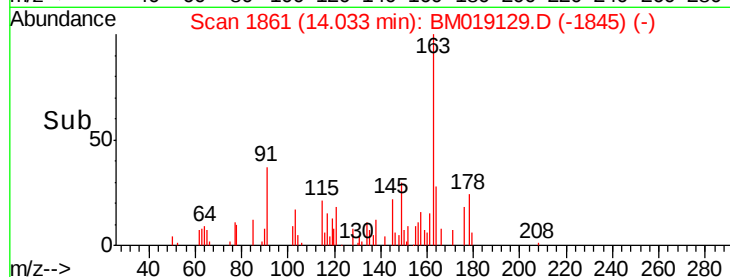
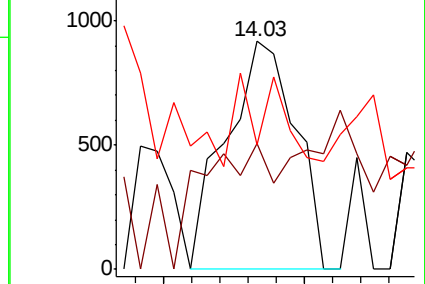
153 54.4 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.399 ng

RT: 13.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

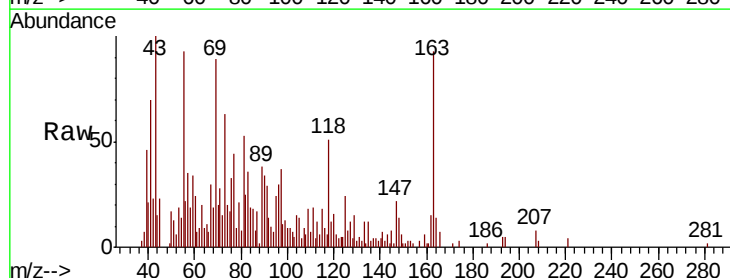
Tgt Ion:163 Resp: 24644

Ion Ratio Lower Upper

163 100

194 5.7 3.3 4.9#

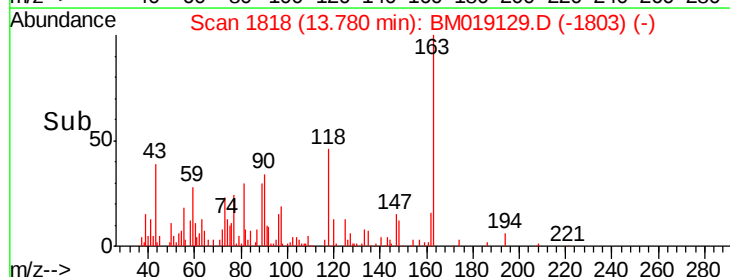
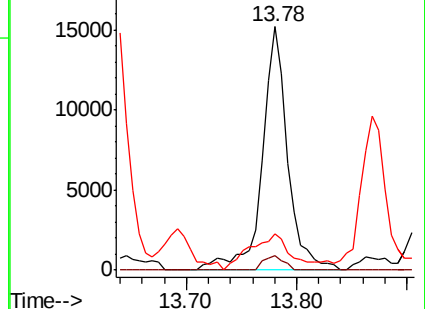
164 15.1 7.7 11.5#

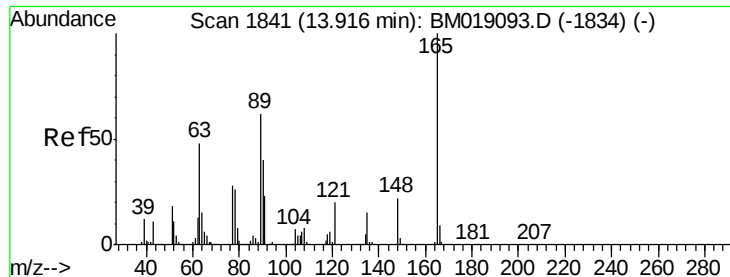


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

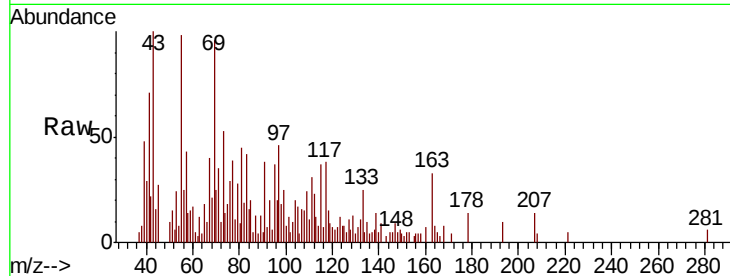




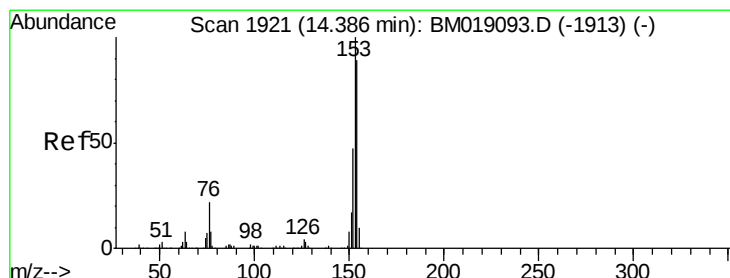
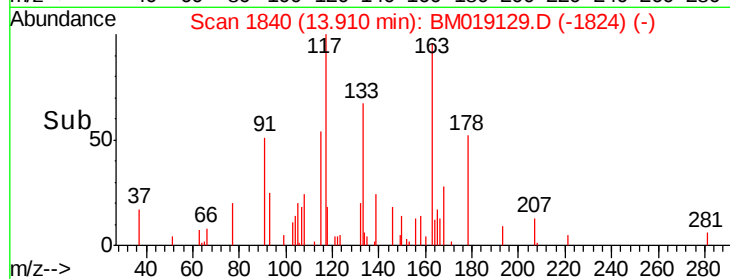
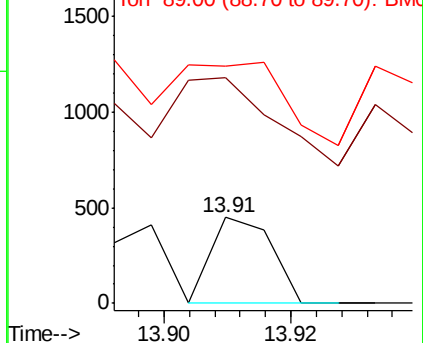
#51
2,6-Dinitrotoluene
Concen: 0.022 ng
RT: 13.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Instrument :
BNA_M
ClientSampleId :
C1355-PC

Tot Ion:165 Resp: 295
Ion Ratio Lower Upper
165 100
63 263.7 48.2 72.4#
89 276.4 49.3 73.9#

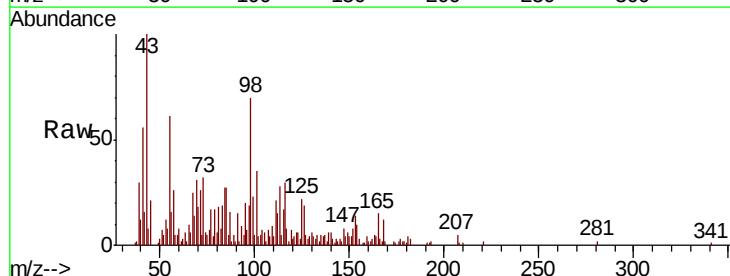


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

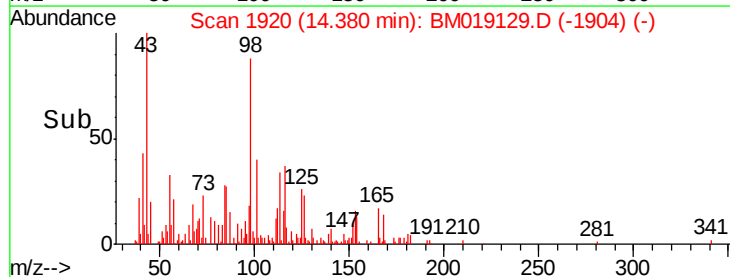
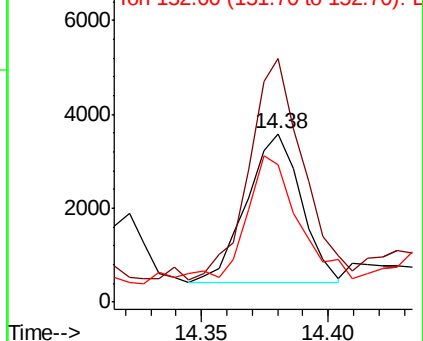


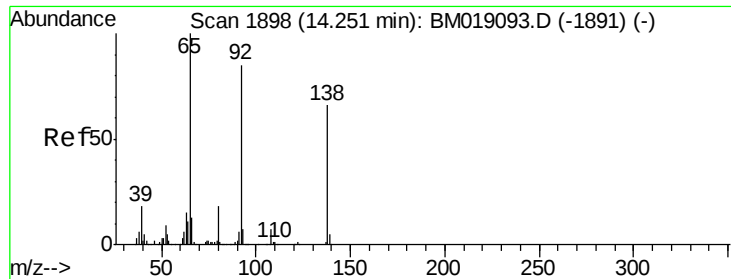
#52
Acenaphthene
Concen: 0.103 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:154 Resp: 4723
Ion Ratio Lower Upper
154 100
153 144.4 90.1 135.1#
152 81.2 42.5 63.7#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

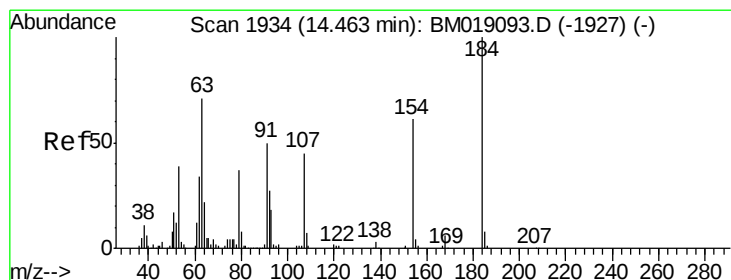
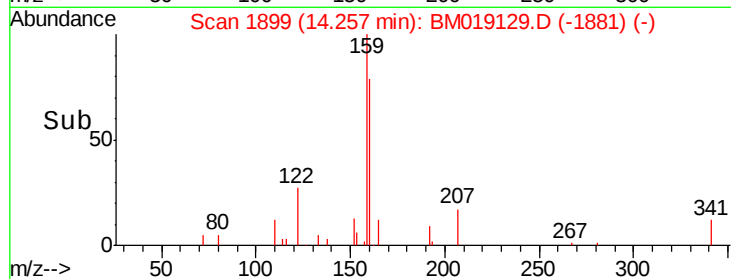
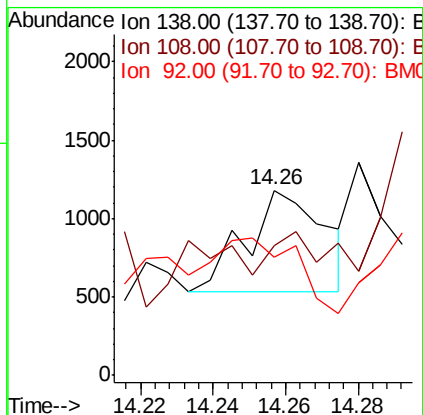
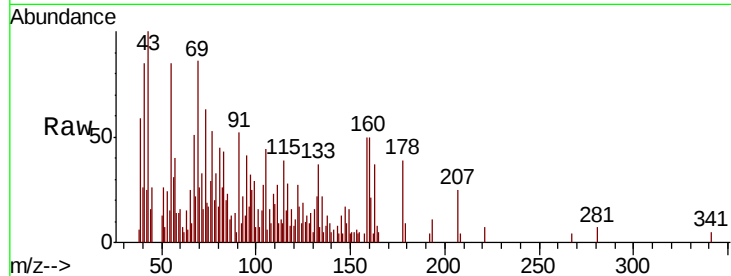




#53
3-Nitroaniline
Concen: 0.069 ng
RT: 14.26 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

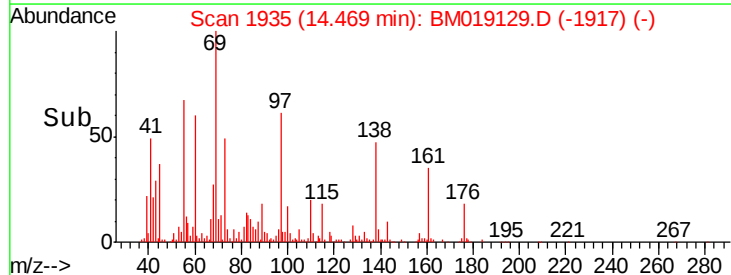
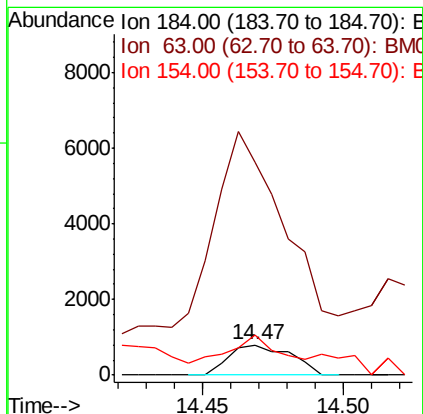
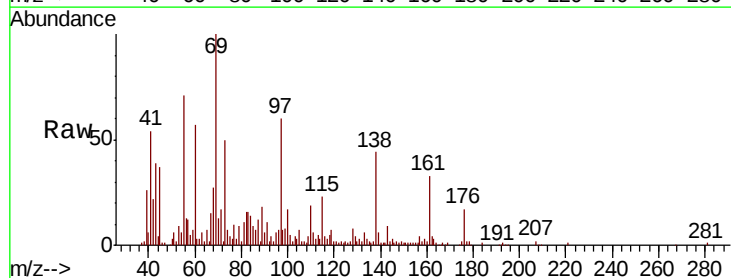
Instrument :
BNA_M
ClientSampleId :
C1355-PC

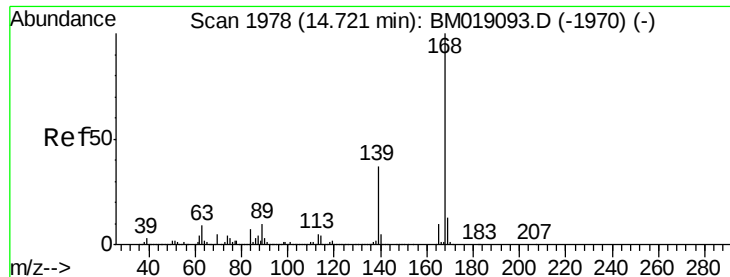
Tot Ion:138 Resp: 977
Ion Ratio Lower Upper
138 100
108 69.9 9.0 13.4#
92 63.7 102.6 153.8#



#54
2,4-Dinitrophenol
Concen: 0.157 ng
RT: 14.47 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:184 Resp: 1216
Ion Ratio Lower Upper
184 100
63 704.2 56.7 85.1#
154 131.6 49.3 73.9#





#55

Dibenzofuran

Concen: 0.111 ng

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

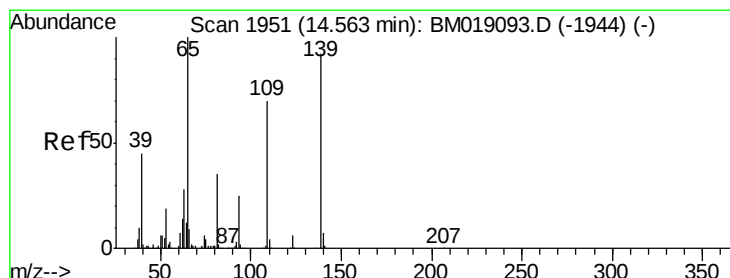
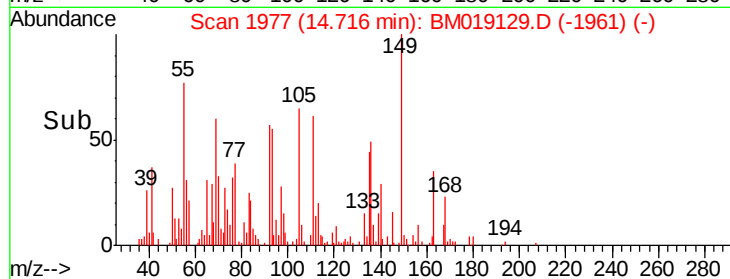
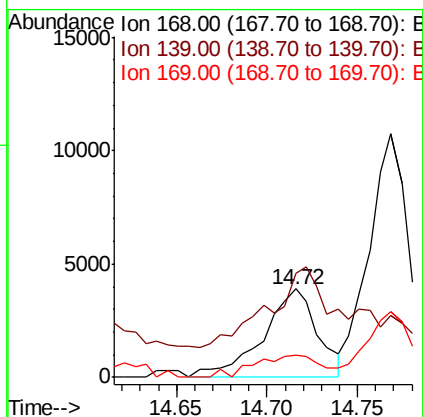
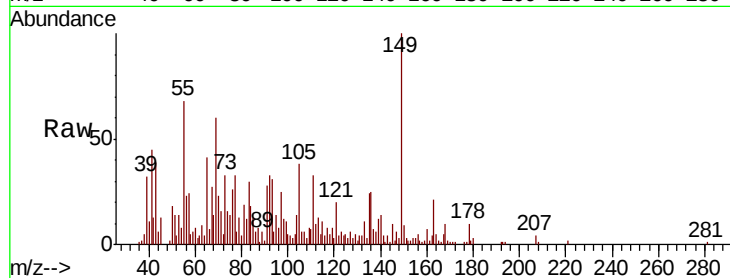
Tot Ion:168 Resp: 8159

Ion Ratio Lower Upper

168 100

139 118.3 30.1 45.1#

169 25.3 10.6 16.0#



#56

4-Nitrophenol

Concen: 1.232 ng

RT: 14.59 min Scan# 1955

Delta R.T. 0.02 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

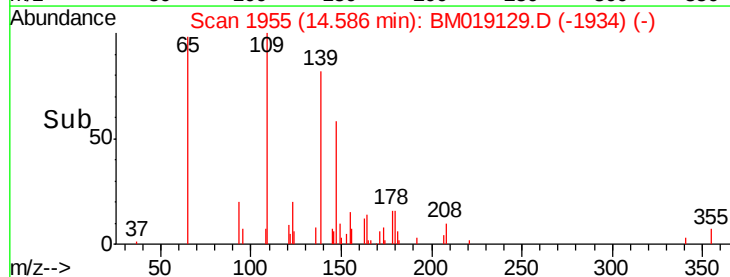
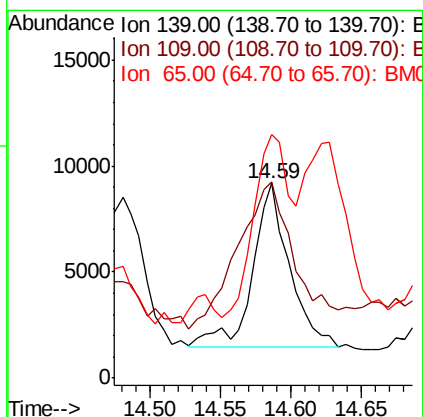
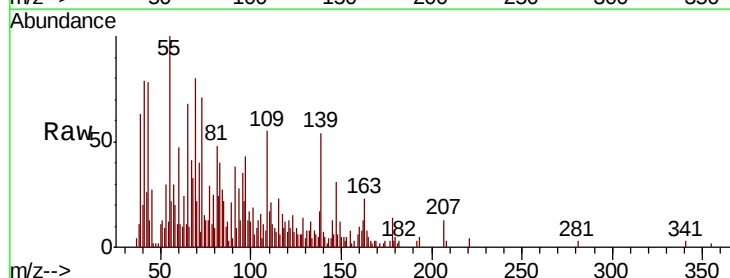
Tgt Ion:139 Resp: 14213

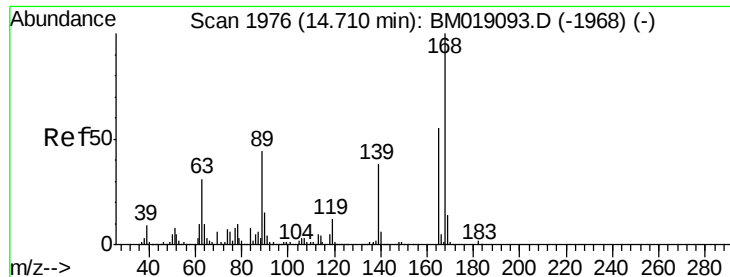
Ion Ratio Lower Upper

139 100

109 101.0 56.3 96.3#

65 125.0 89.2 129.2

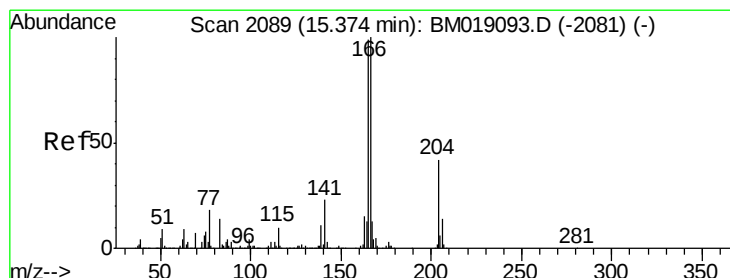
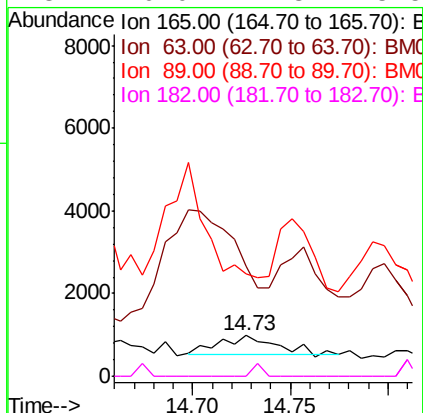
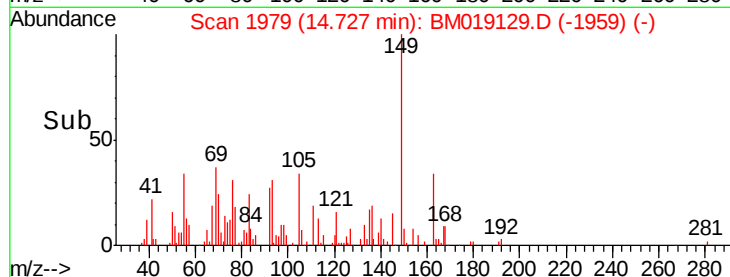
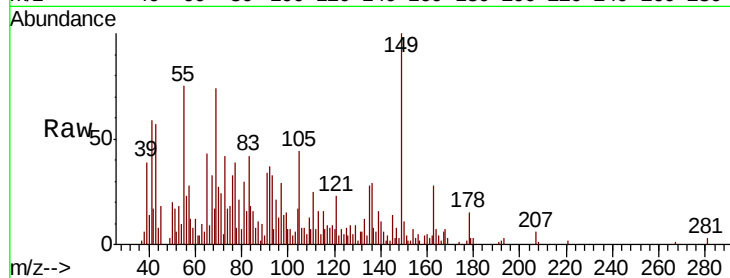




#57
2,4-Dinitrotoluene
Concen: 0.049 ng
RT: 14.73 min Scan# 1979
Delta R.T. 0.02 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

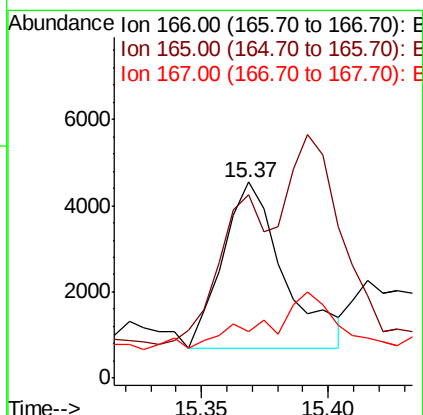
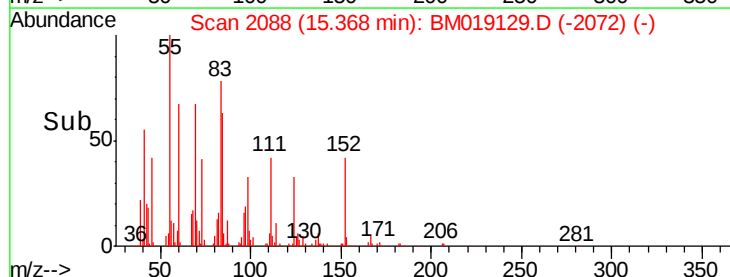
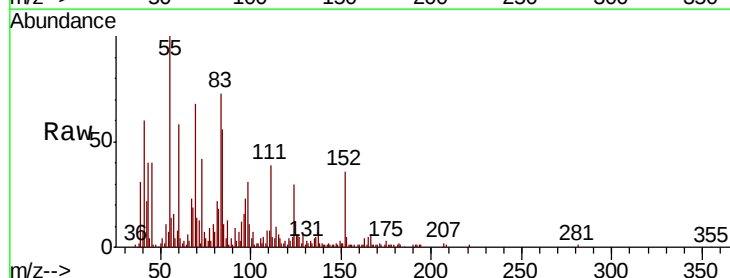
Instrument :
BNA_M
ClientSampleId :
C1355-PC

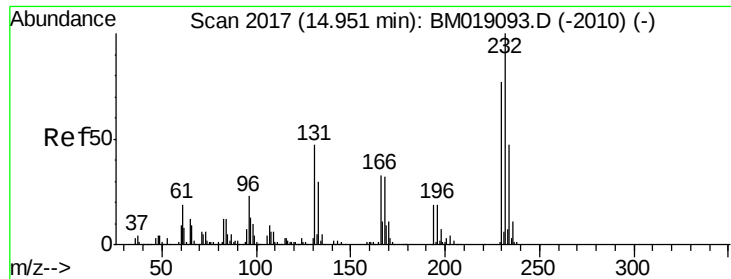
Tot Ion	Ratio	Lower	Upper
165	100		
63	270.9	44.7	67.1#
89	252.7	63.4	95.2#
182	0.0	2.3	3.5#



#58
Fluorene
Concen: 0.106 ng
RT: 15.37 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	79.0	118.4
167	23.8	10.8	16.2#

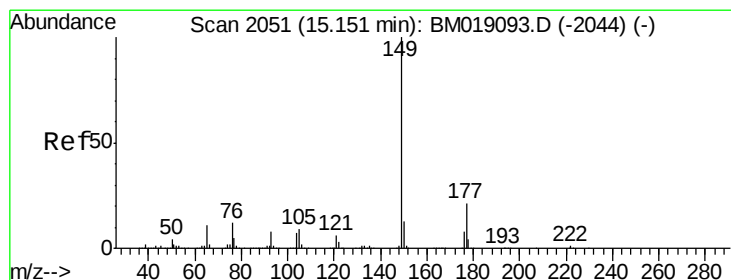
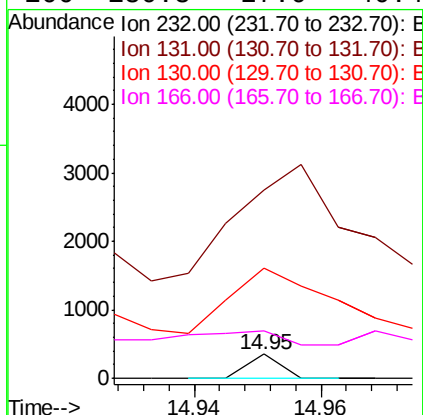
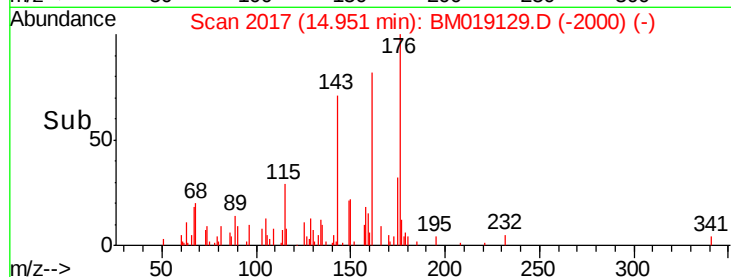
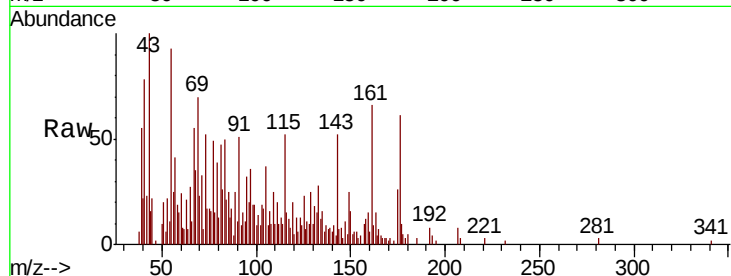




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.009 ng
RT: 14.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

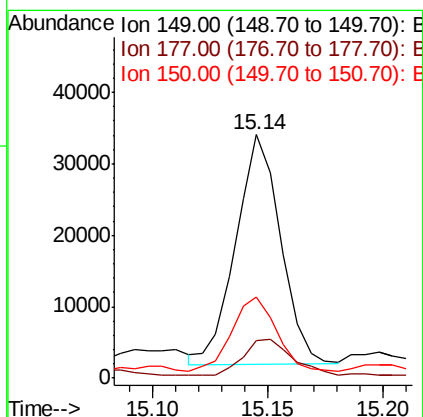
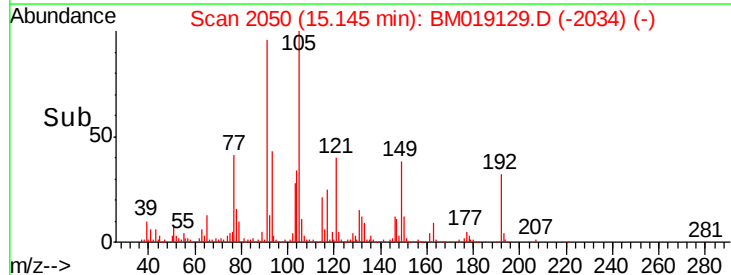
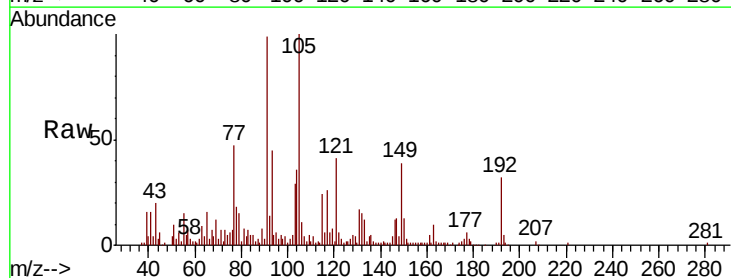
Instrument :
BNA_M
ClientSampleId :
C1355-PC

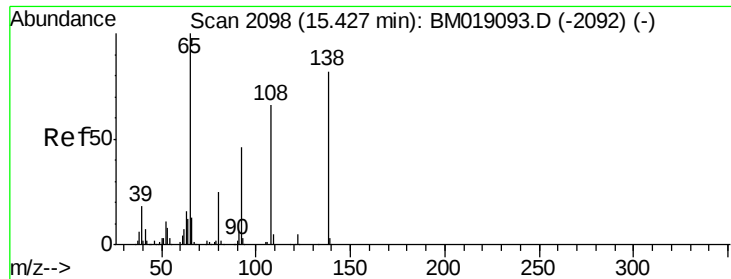
Tot Ion:232 Resp: 125
Ion Ratio Lower Upper
232 100
131 1590.4 38.2 57.2#
130 1891.2 1.9 2.9#
166 180.8 27.0 40.4#



#60
Diethylphthalate
Concen: 0.694 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:149 Resp: 43417
Ion Ratio Lower Upper
149 100
177 15.5 17.0 25.6#
150 33.1 10.2 15.4#

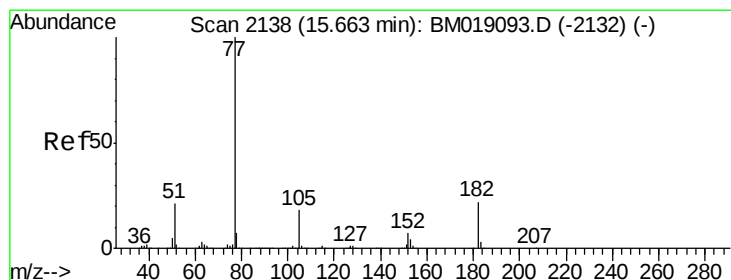
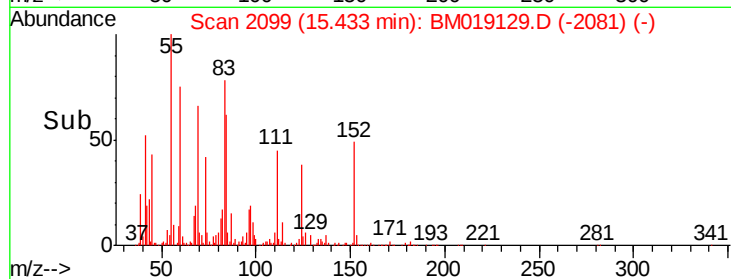
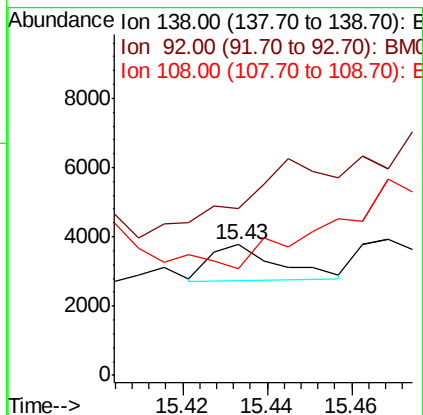
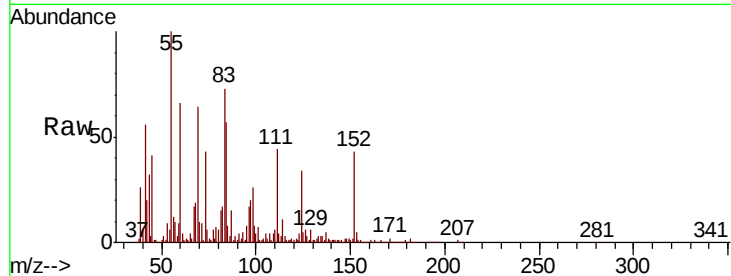




#62
4-Nitroaniline
Concen: 0.082 ng
RT: 15.43 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

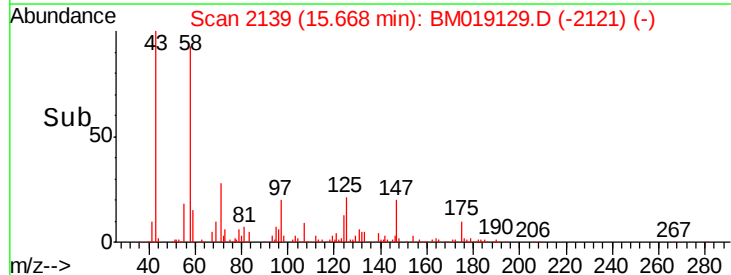
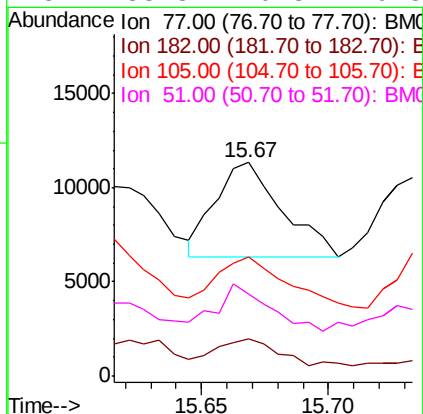
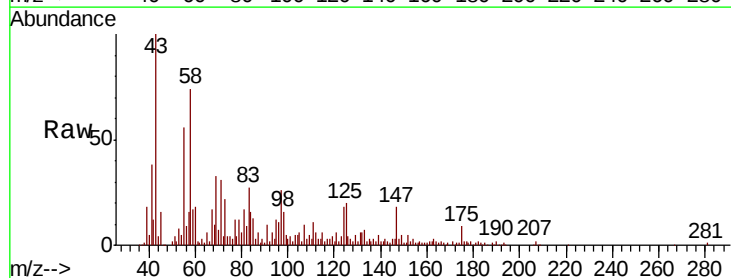
Instrument :
BNA_M
ClientSampled :
C1355-PC

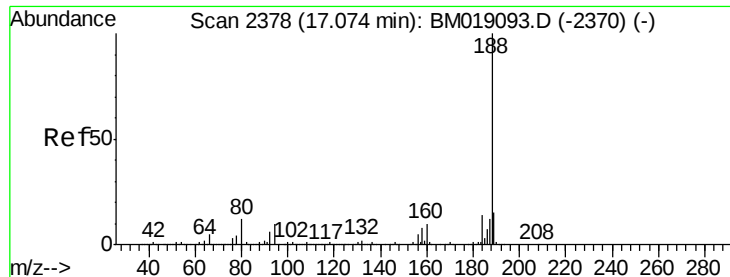
Tot Ion:138 Resp: 1172
Ion Ratio Lower Upper
138 100
92 127.6 36.2 76.2#
108 82.3 59.7 99.7



#63
Azobenzene
Concen: 0.138 ng
RT: 15.67 min Scan# 2139
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion: 77 Resp: 9106
Ion Ratio Lower Upper
77 100
182 17.2 1.8 41.8
105 55.9 0.0 38.3#
51 38.3 0.8 40.8

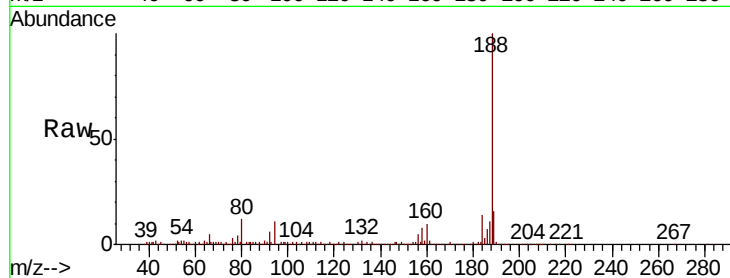




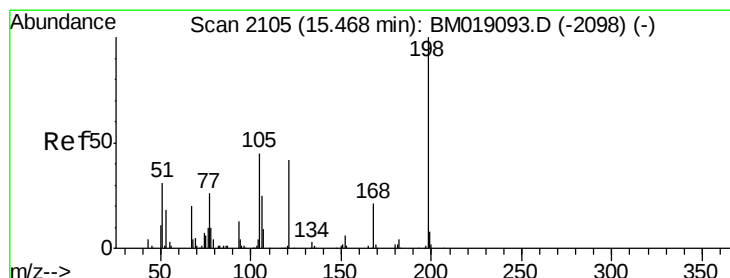
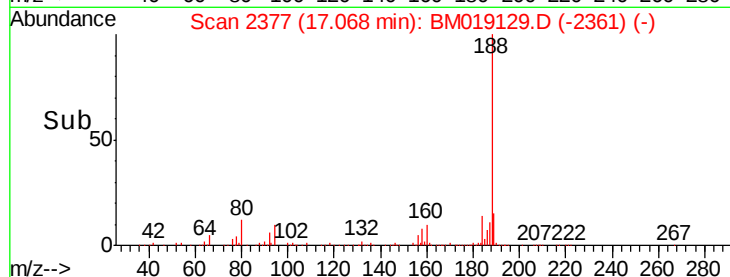
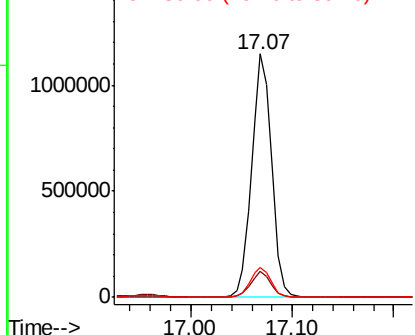
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Instrument :
BNA_M
ClientSampleId :
C1355-PC

Tot Ion:188 Resp: 1555194
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.2 9.7 14.5

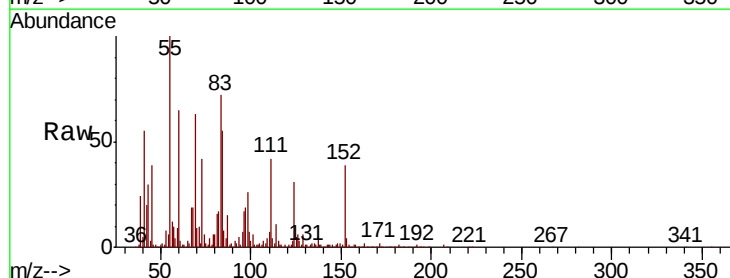


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

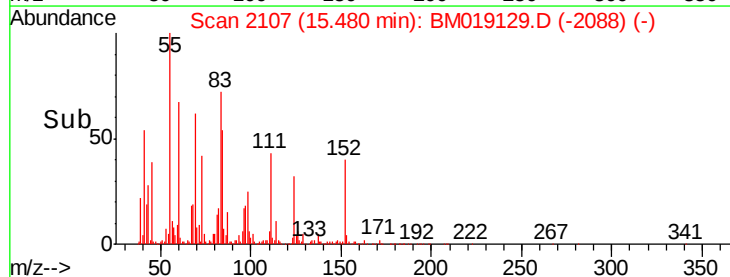
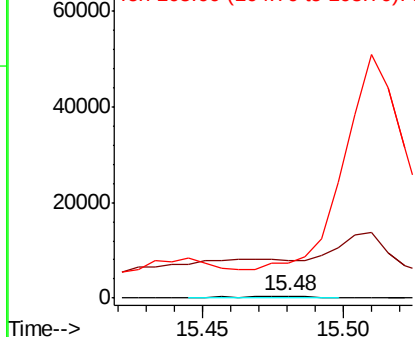


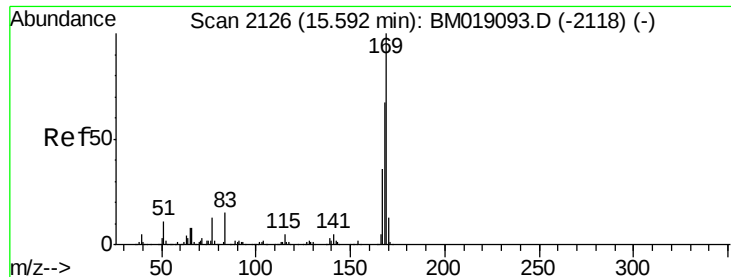
#65
4,6-Dinitro-2-methylphenol
Concen: 0.059 ng
RT: 15.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:198 Resp: 602
Ion Ratio Lower Upper
198 100
51 2030.7 17.3 57.3#
105 1937.3 26.2 66.2#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

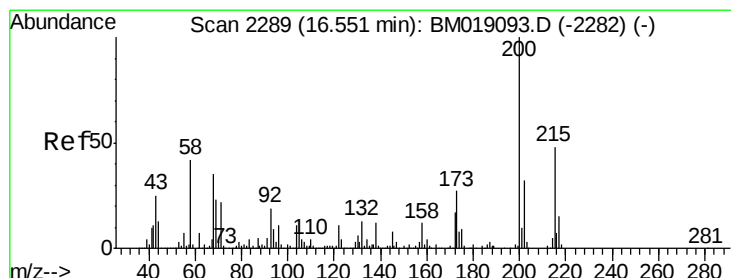
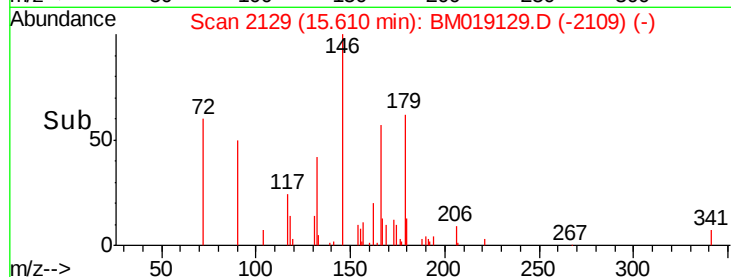
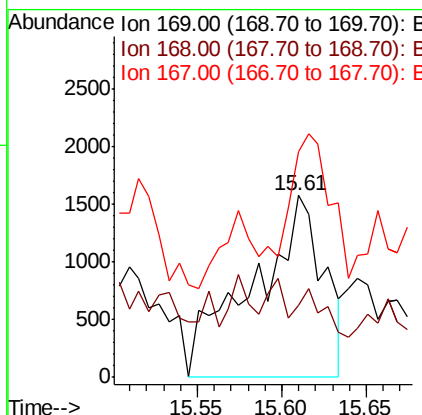
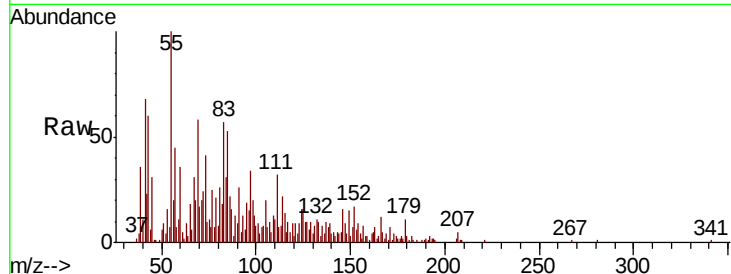




#66
n-Nitrosodiphenylamine
Concen: 0.092 ng
RT: 15.61 min Scan# 2129
Delta R.T. 0.02 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

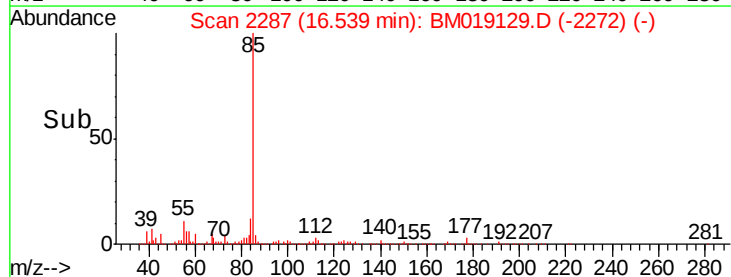
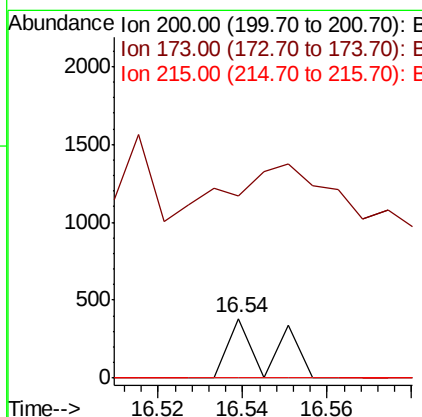
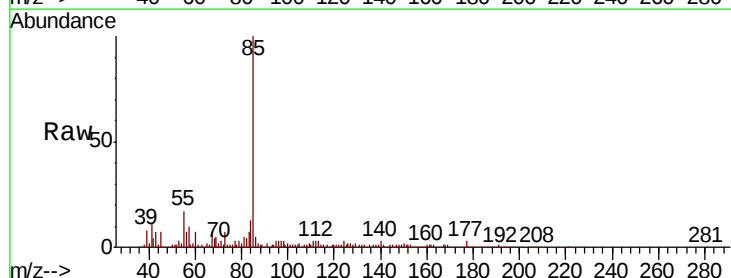
Instrument :
BNA_M
ClientSampleId :
C1355-PC

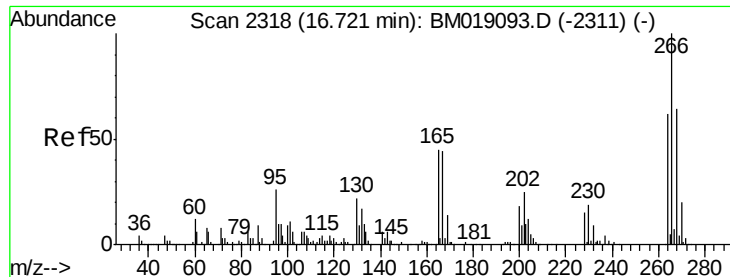
Tot Ion:169 Resp: 4564
Ion Ratio Lower Upper
169 100
168 40.0 53.9 80.9#
167 124.5 28.8 43.2#



#69
Atrazine
Concen: 0.015 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:200 Resp: 256
Ion Ratio Lower Upper
200 100
173 304.4 7.0 47.0#
215 0.0 27.7 67.7#

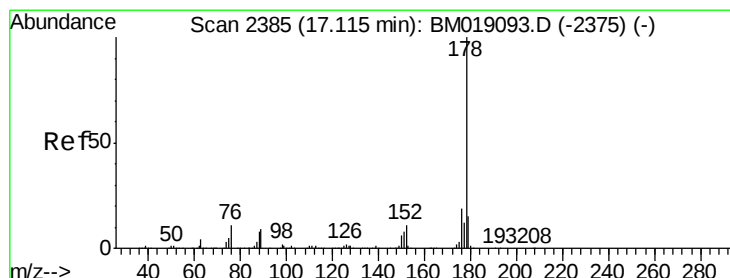
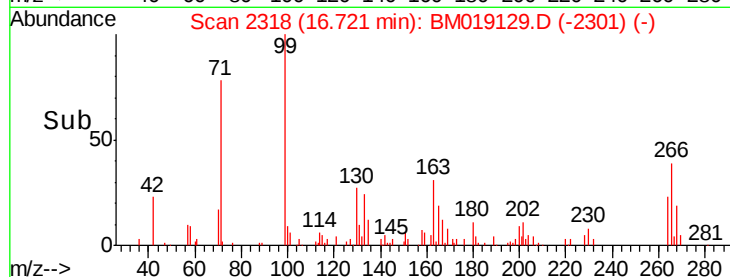
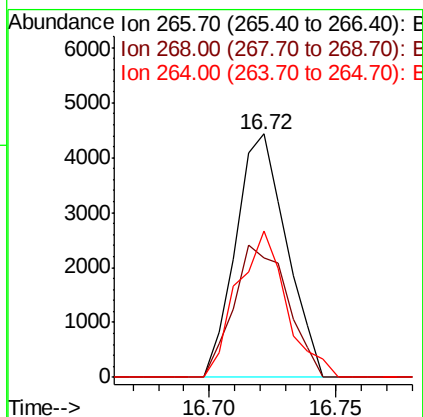
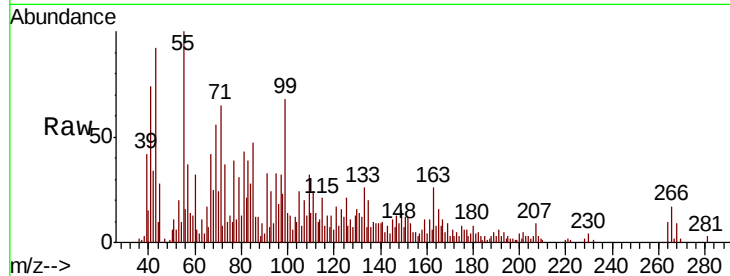




#70
 Pentachlorophenol
 Concen: 0.502 ng
 RT: 16.72 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BM019129.D
 Acq: 13 Mar 2019 03:03

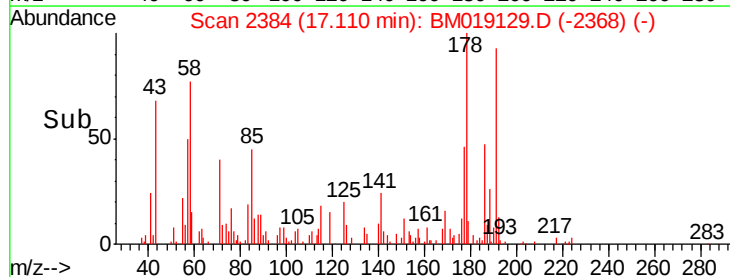
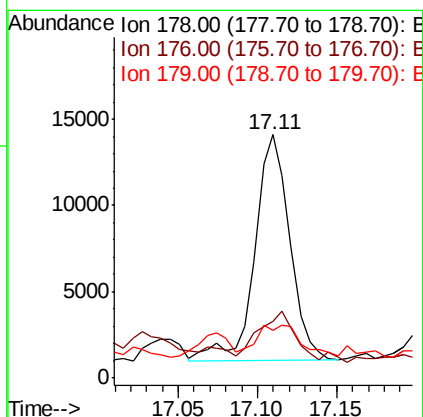
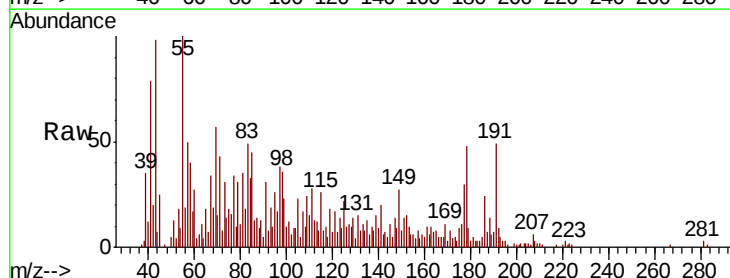
Instrument :
 BNA_M
 ClientSampleId :
 C1355-PC

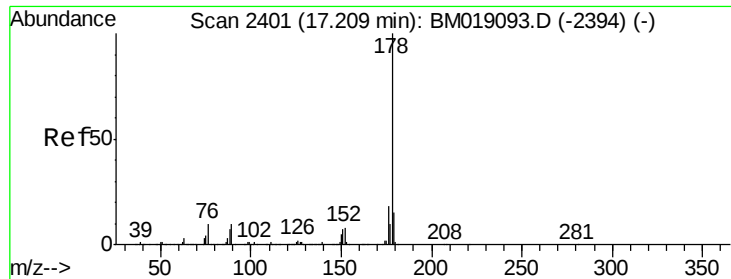
Tot Ion:266 Resp: 6170
 Ion Ratio Lower Upper
 266 100
 268 49.3 51.3 76.9#
 264 60.1 50.0 75.0



#71
 Phenanthrene
 Concen: 0.220 ng
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BM019129.D
 Acq: 13 Mar 2019 03:03

Tgt Ion:178 Resp: 20076
 Ion Ratio Lower Upper
 178 100
 176 23.3 15.3 22.9#
 179 19.9 12.2 18.2#





#72

Anthracene

Concen: 0.024 ng

RT: 17.20 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

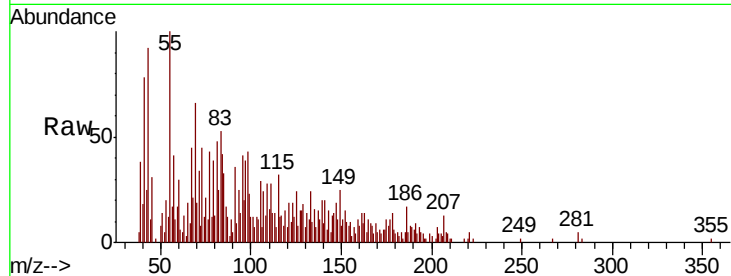
Tot Ion:178 Resp: 2145

Ion Ratio Lower Upper

178 100

176 55.2 14.6 22.0#

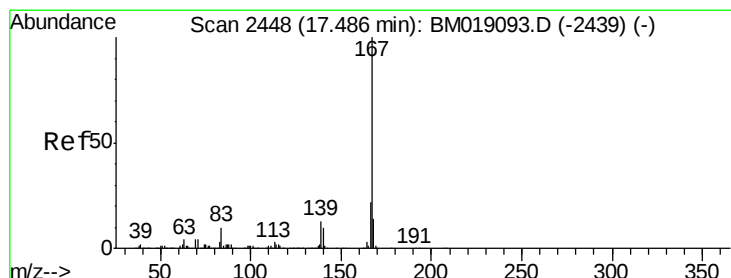
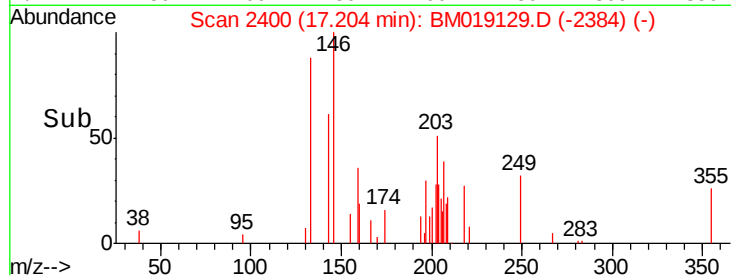
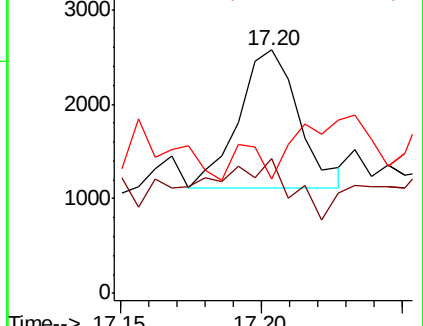
179 47.1 11.9 17.9#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.033 ng

RT: 17.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

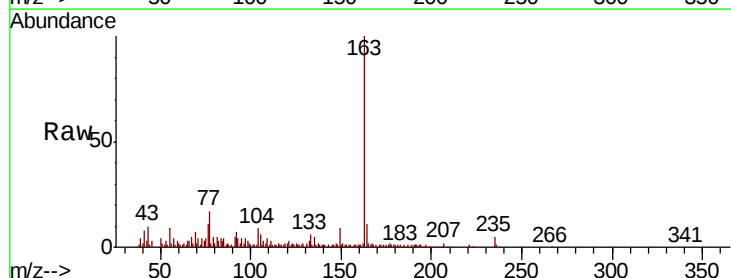
Tgt Ion:167 Resp: 2809

Ion Ratio Lower Upper

167 100

166 66.5 17.8 26.8#

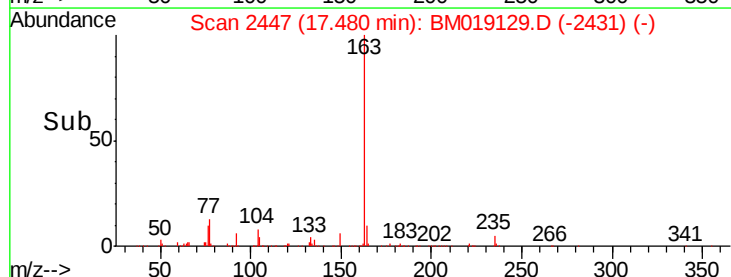
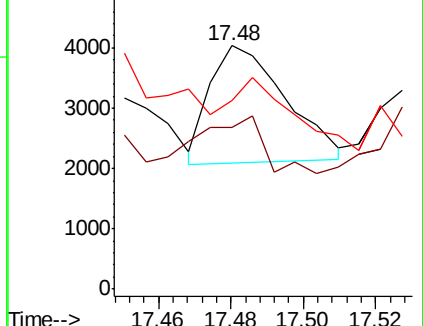
139 77.3 10.5 15.7#

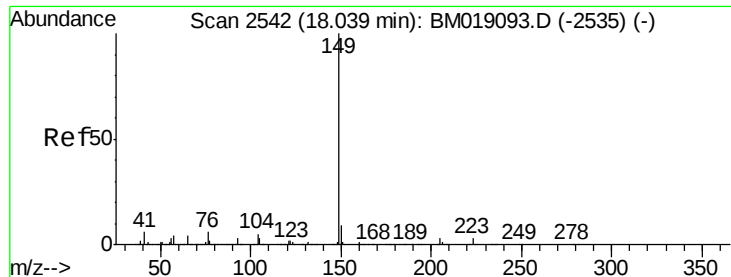


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.791 ng

RT: 18.03 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

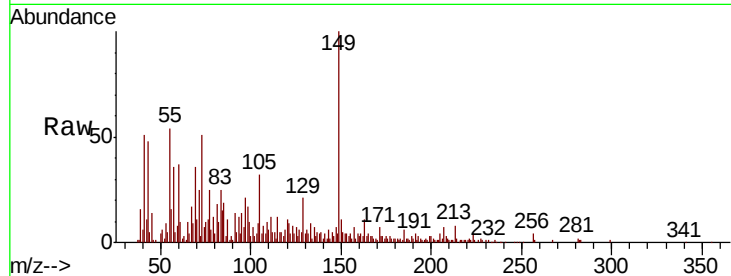
Tot Ion:149 Resp: 80558

Ion Ratio Lower Upper

149 100

150 11.4 7.4 11.0#

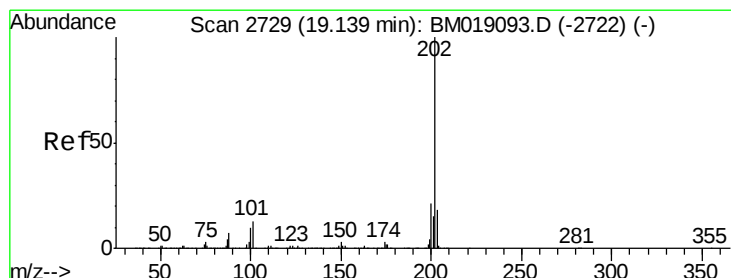
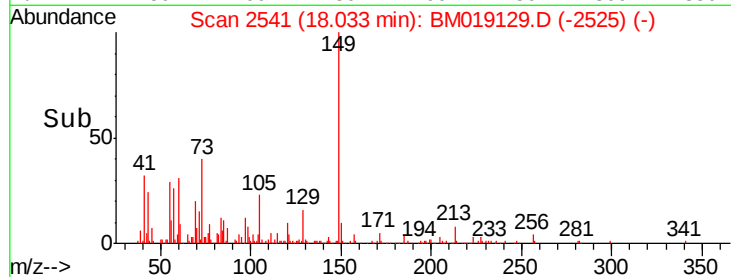
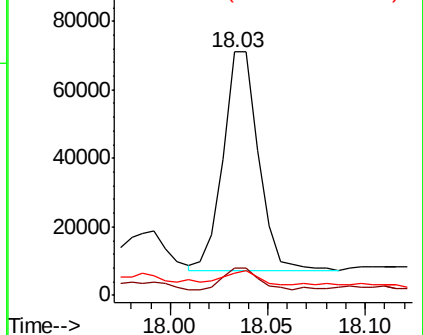
104 9.1 4.2 6.4#



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: 0.098 ng

RT: 19.13 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

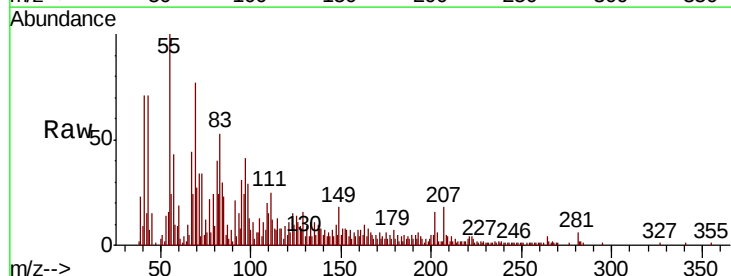
Tgt Ion:202 Resp: 10273

Ion Ratio Lower Upper

202 100

101 65.6 0.0 33.0#

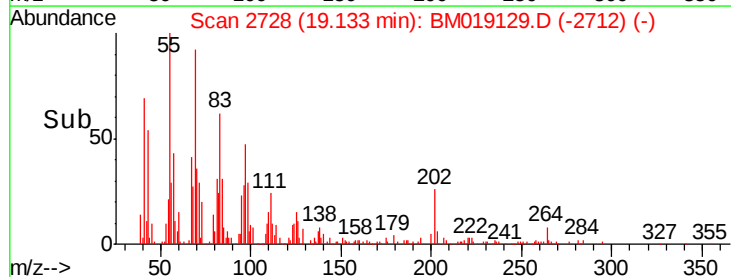
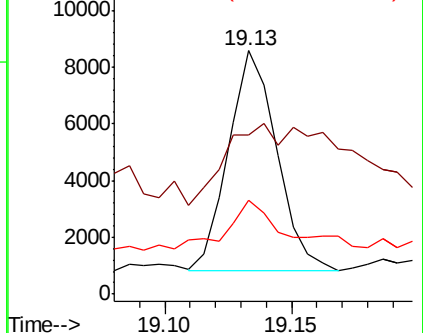
203 38.8 0.0 37.8#

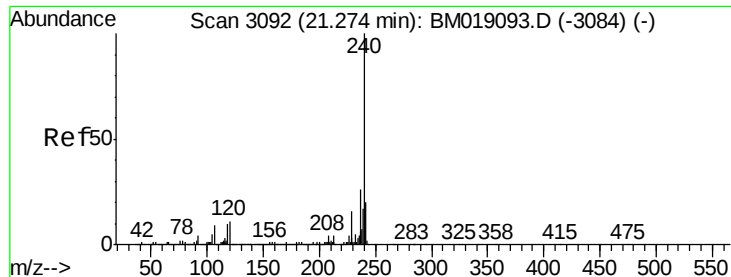


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

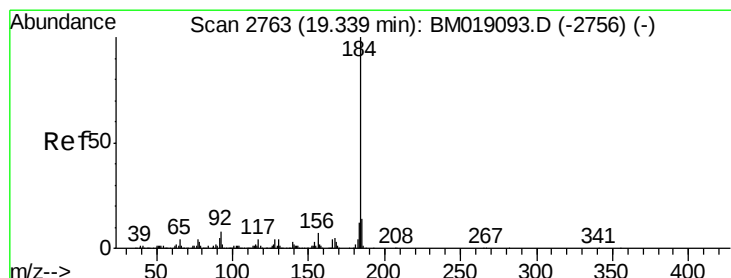
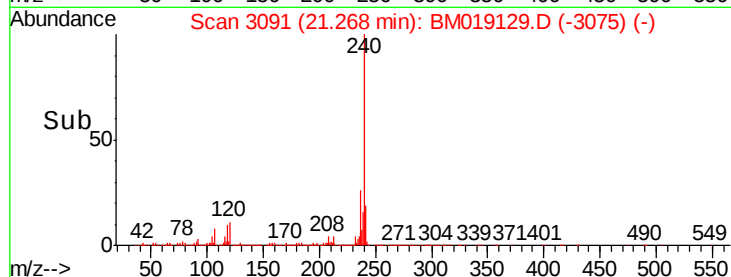
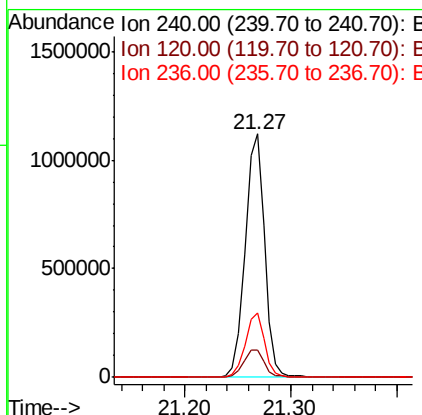
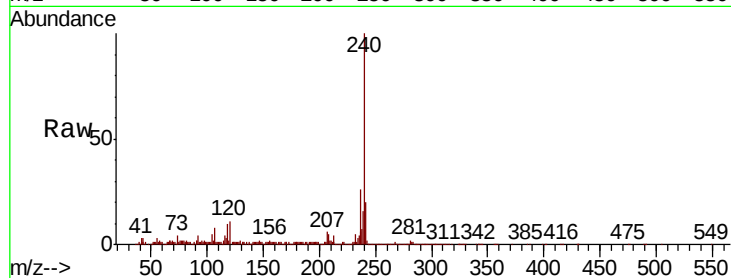




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

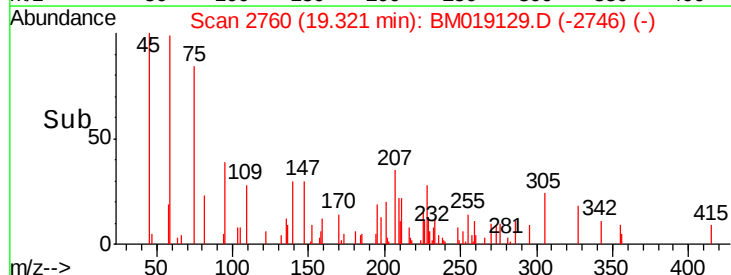
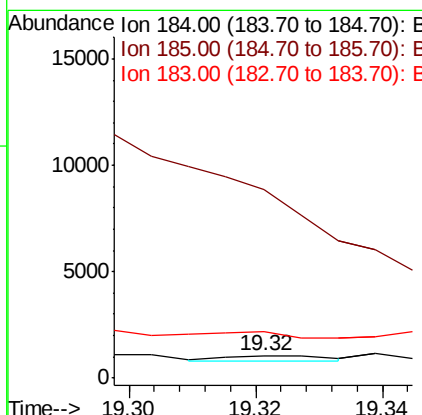
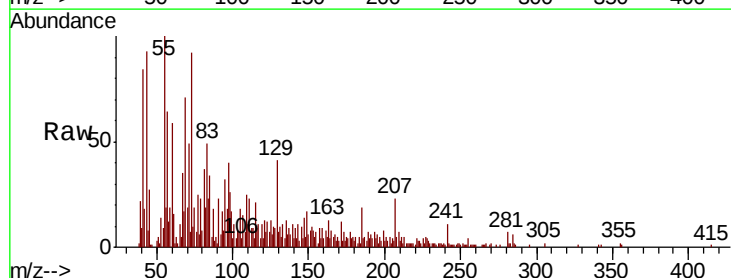
Instrument :
BNA_M
ClientSampleId :
C1355-PC

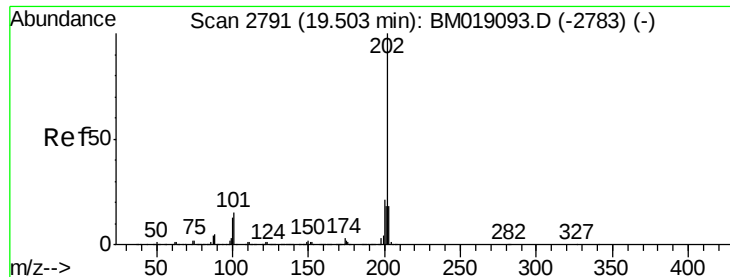
Tot Ion:240 Resp: 1411739
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.3 21.0 31.4



#77
Benzidine
Concen: 0.006 ng
RT: 19.32 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM019129.D
Acq: 13 Mar 2019 03:03

Tgt Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
185 841.4 11.0 16.4#
183 207.4 9.8 14.6#





#78

Pvrene

Concen: 0.080 ng

RT: 19.50 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

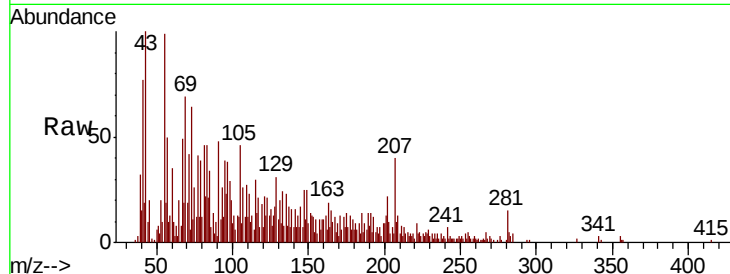
Tot Ion:202 Resp: 7102

Ion Ratio Lower Upper

202 100

200 41.8 16.9 25.3#

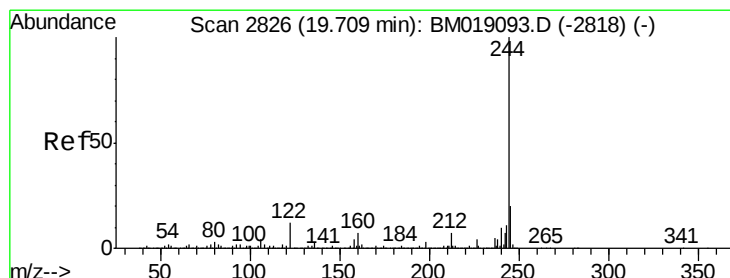
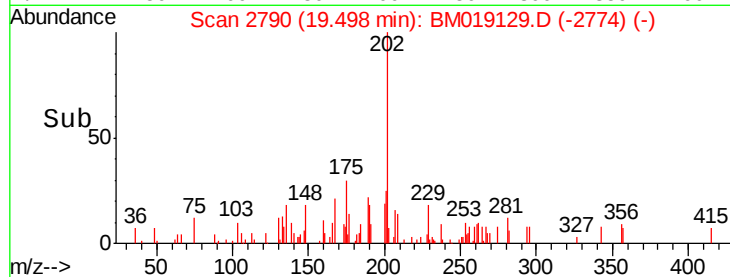
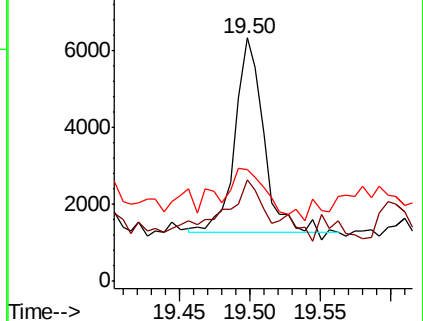
203 46.0 14.0 21.0#



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: 106.202 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

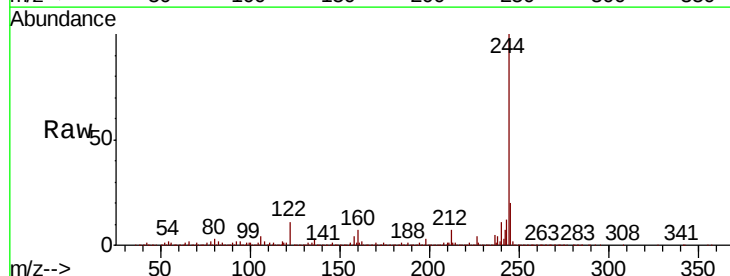
Tgt Ion:244 Resp: 7552290

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

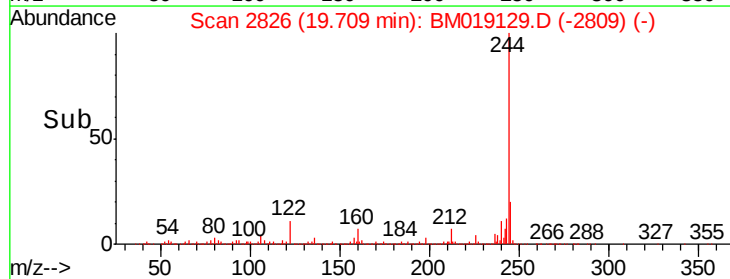
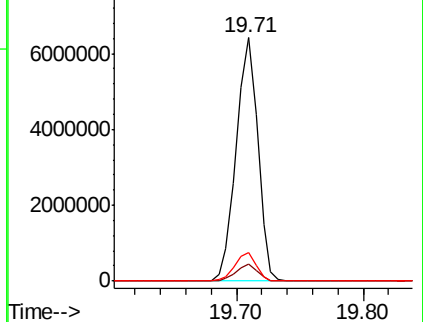
122 11.5 9.4 14.2

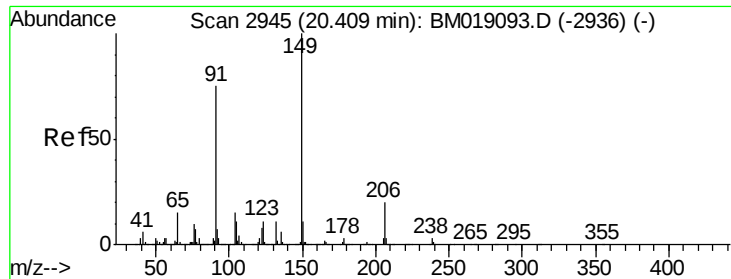


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.145 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

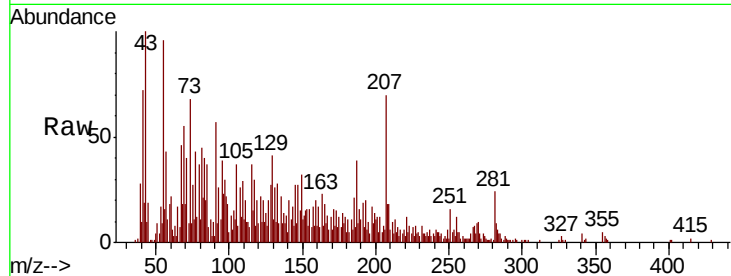
Tot Ion:149 Resp: 5654

Ion Ratio Lower Upper

149 100

91 179.5 60.1 90.1#

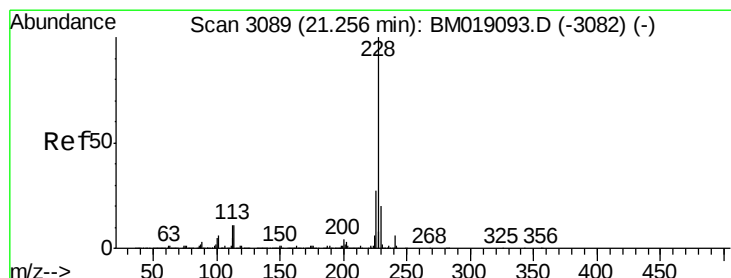
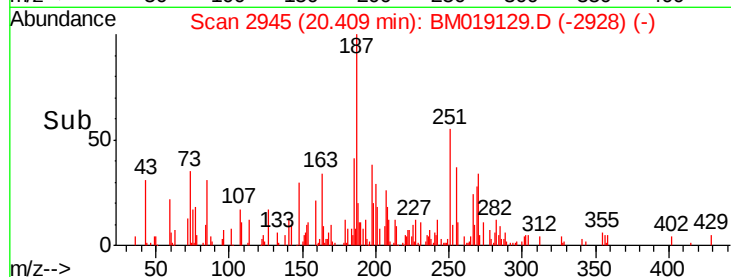
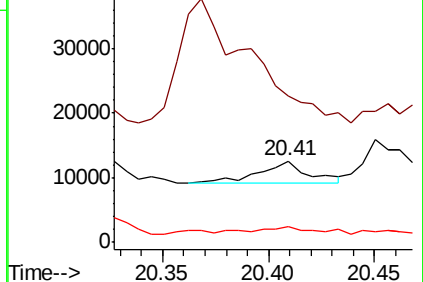
206 18.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#81

Benzo(a)anthracene

Concen: 0.072 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

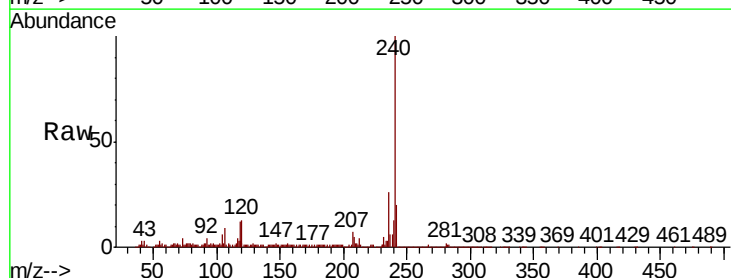
Tgt Ion:228 Resp: 6410

Ion Ratio Lower Upper

228 100

226 45.7 21.8 32.8#

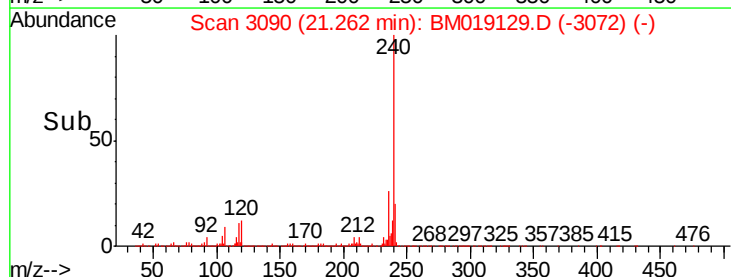
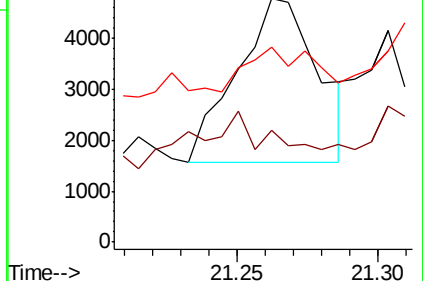
229 80.3 15.8 23.6#

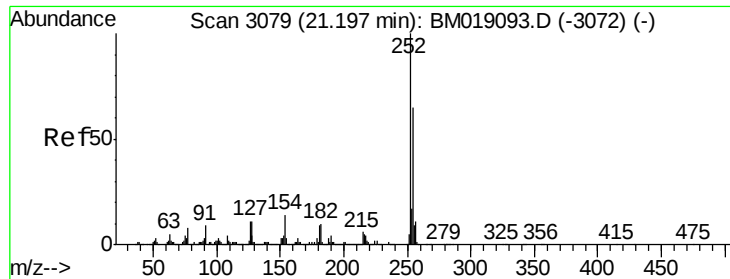


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

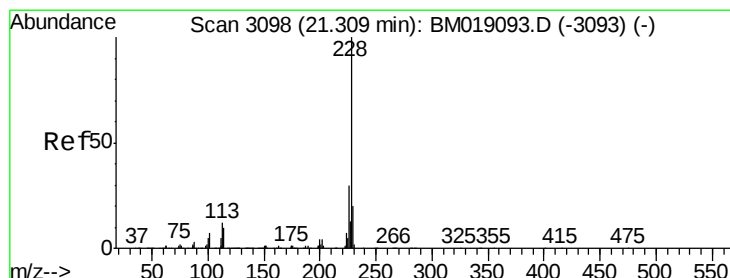
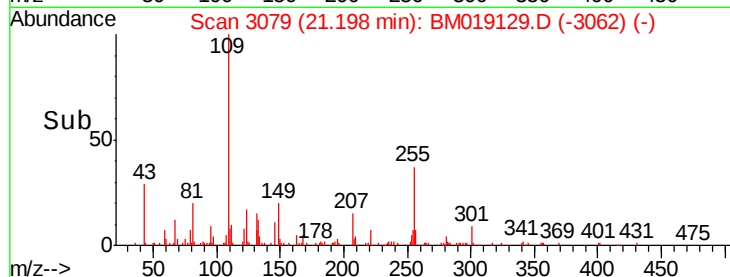
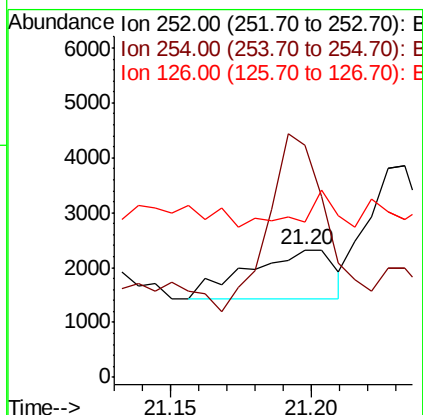
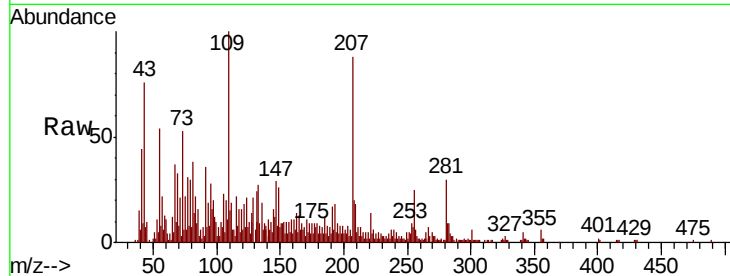




#82
 3,3'-Dichlorobenzidine
 Concen: 0.056 ng
 RT: 21.20 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM019129.D
 Acq: 13 Mar 2019 03:03

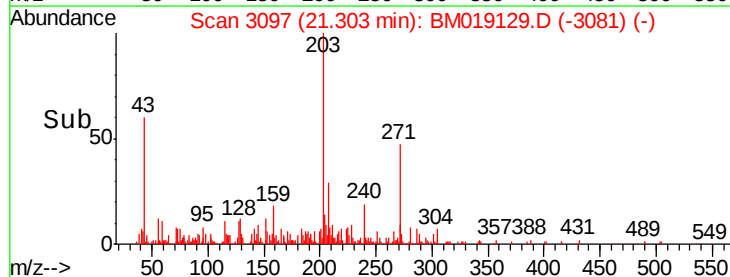
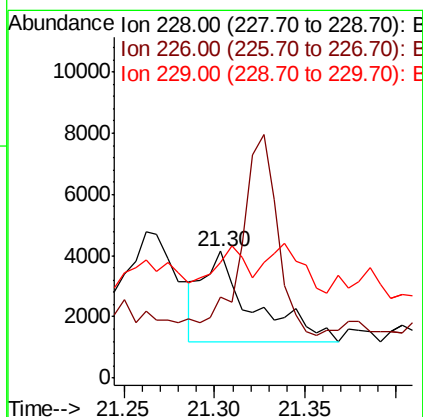
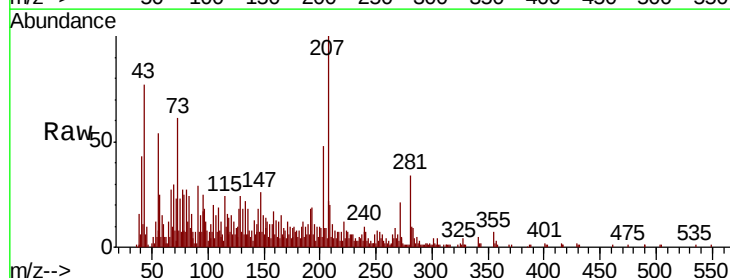
Instrument :
 BNA_M
 ClientSampled :
 C1355-PC

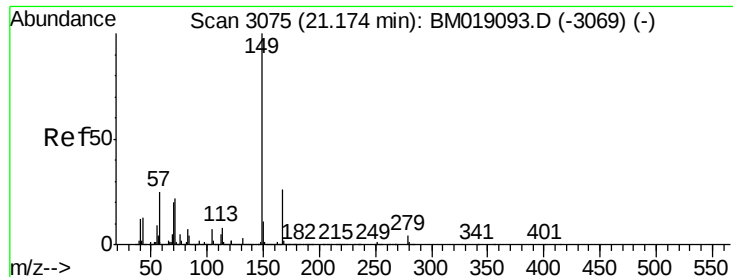
Tot Ion:252 Resp: 1895
 Ion Ratio Lower Upper
 252 100
 254 182.2 52.4 78.6#
 126 121.1 9.0 13.6#



#83
 Chrysene
 Concen: 0.067 ng
 RT: 21.30 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BM019129.D
 Acq: 13 Mar 2019 03:03

Tgt Ion:228 Resp: 5730
 Ion Ratio Lower Upper
 228 100
 226 64.3 23.8 35.8#
 229 90.5 15.7 23.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.022 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

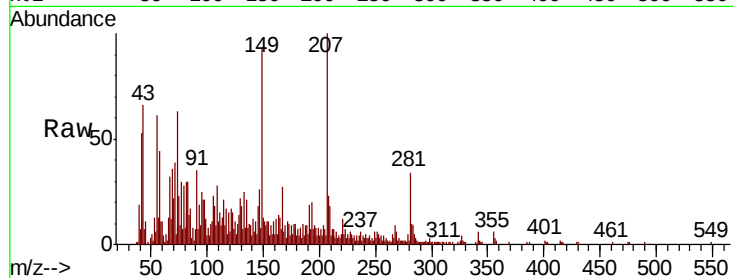
Tot Ion:149 Resp: 57858

Ion Ratio Lower Upper

149 100

167 29.2 21.1 31.7

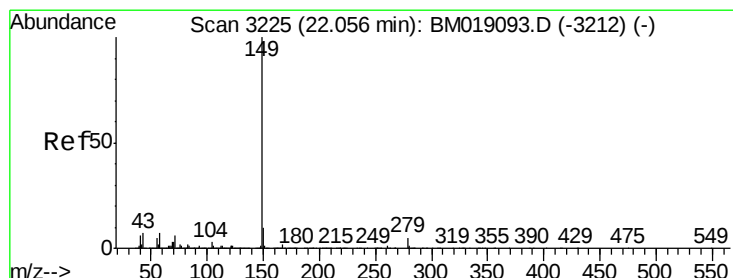
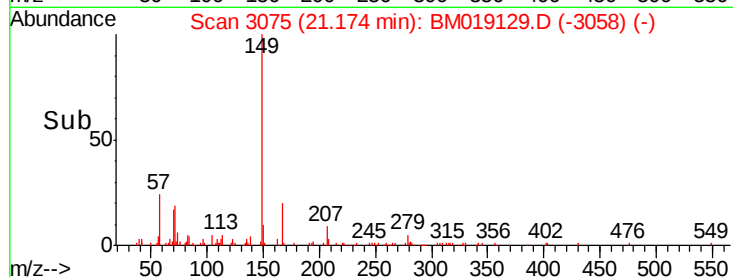
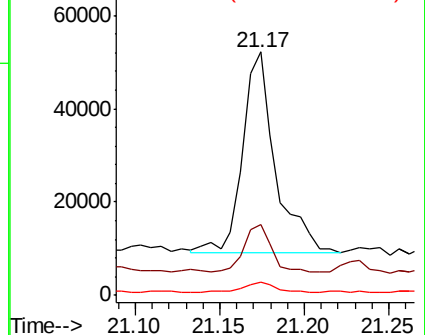
279 5.6 3.2 4.8#



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: 0.154 ng

RT: 22.05 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

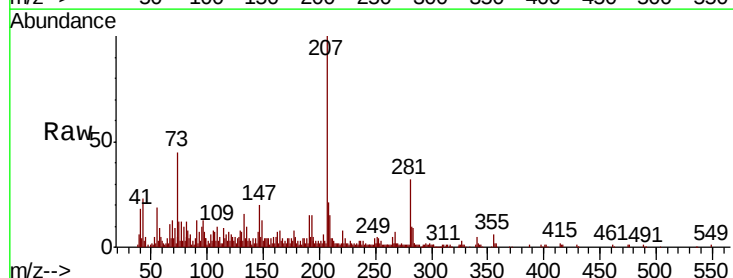
Tgt Ion:149 Resp: 14679

Ion Ratio Lower Upper

149 100

167 2.8 1.3 1.9#

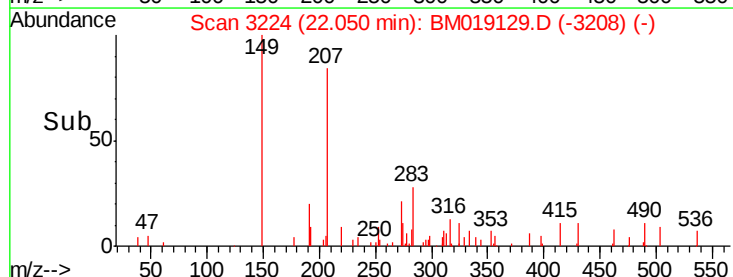
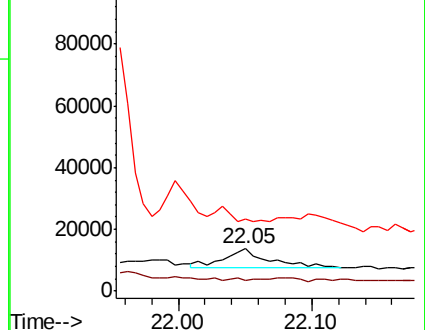
43 27.6 6.1 9.1#

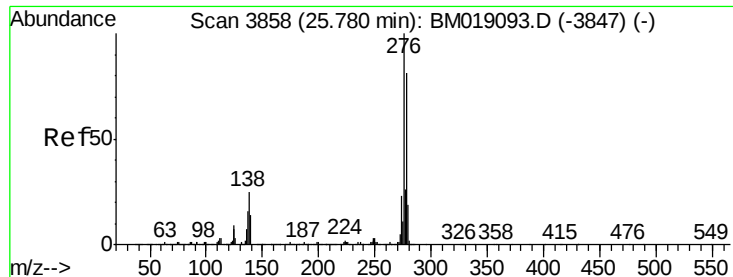


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.014 ng

RT: 25.77 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

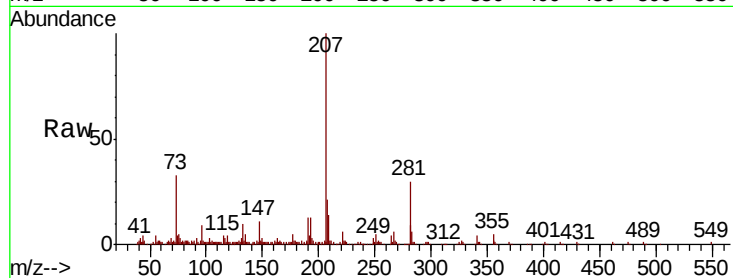
Tot Ion:276 Resp: 1249

Ion Ratio Lower Upper

276 100

138 69.9 19.8 29.8#

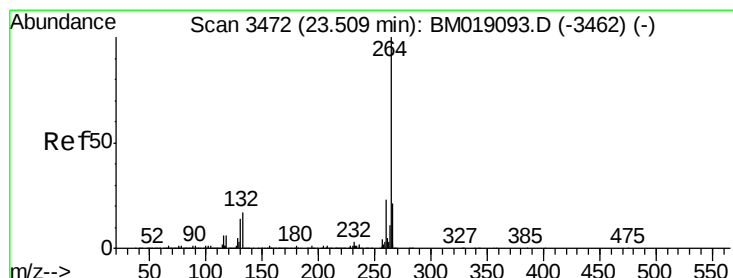
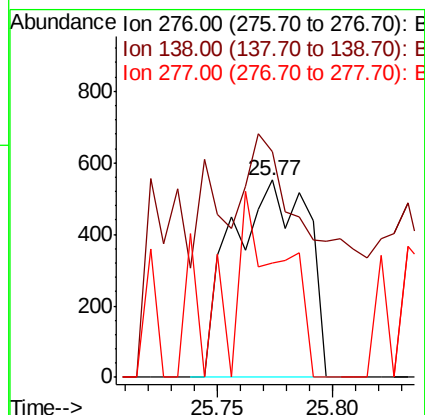
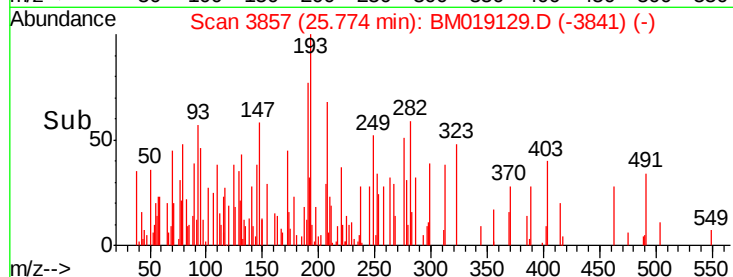
277 61.3 20.3 30.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

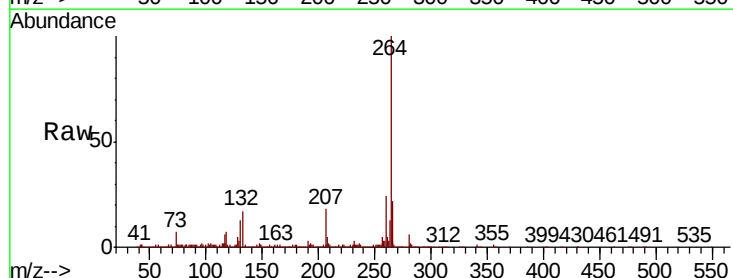
Tgt Ion:264 Resp: 1193908

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

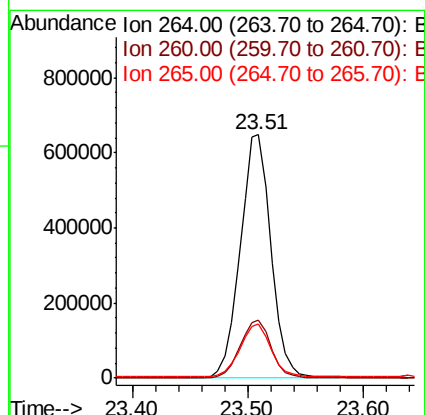
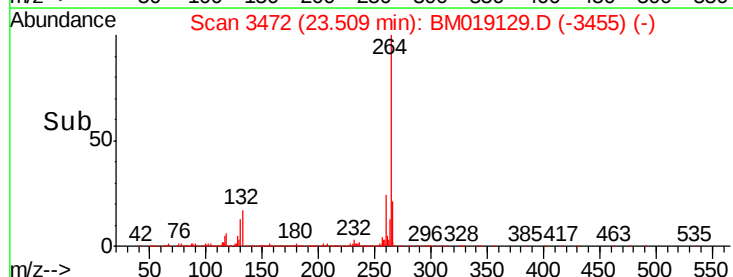
265 22.2 17.3 25.9

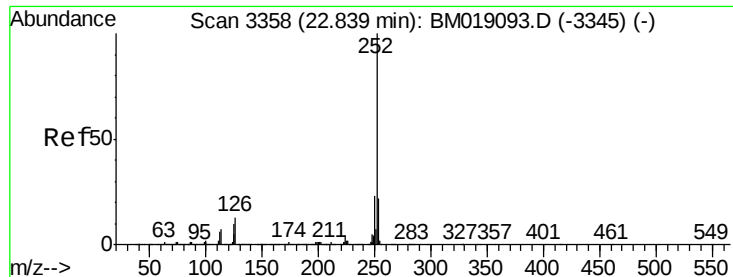


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.041 ng

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

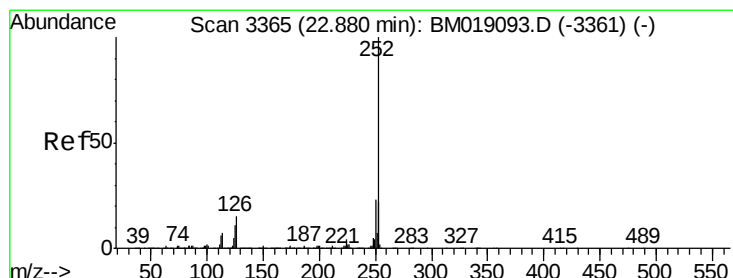
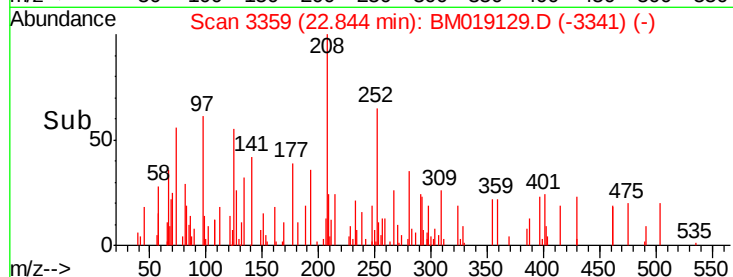
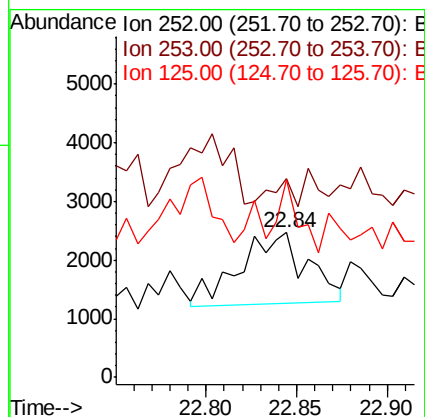
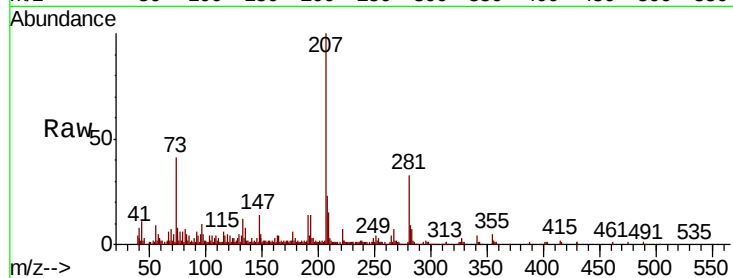
Tot Ion:252 Resp: 3160

Ion Ratio Lower Upper

252 100

253 137.3 17.6 26.4#

125 136.4 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 22.88 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

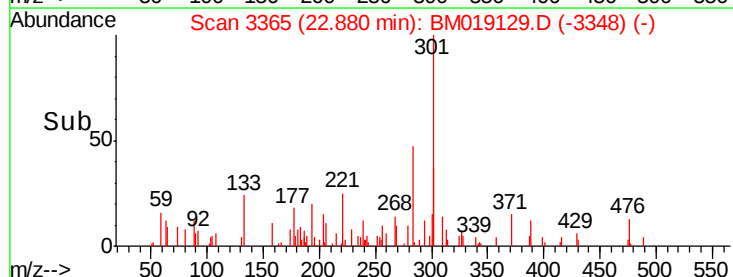
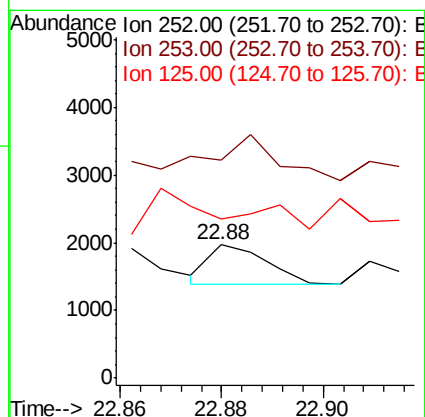
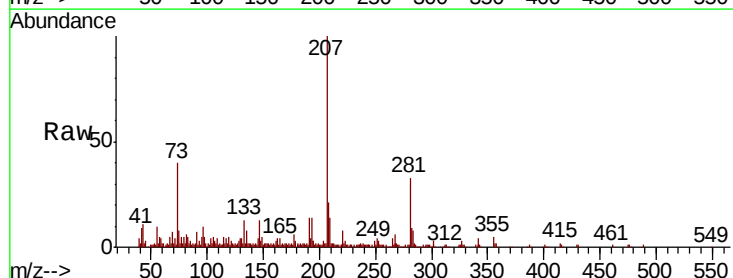
Tgt Ion:252 Resp: 459

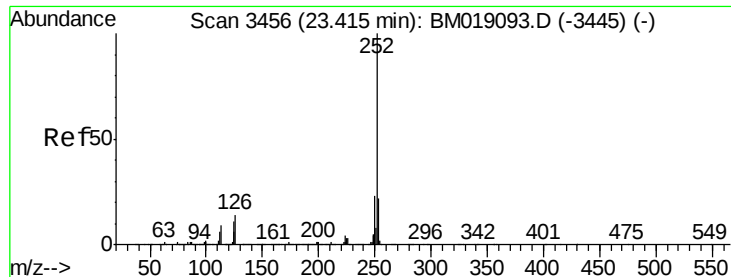
Ion Ratio Lower Upper

252 100

253 164.3 17.6 26.4#

125 119.5 8.8 13.2#





#90

Benzo(a)pyrene

Concen: 0.060 ng

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

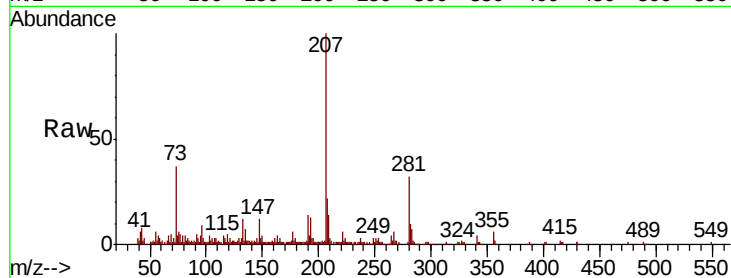
Tot Ion:252 Resp: 4138

Ion Ratio Lower Upper

252 100

253 124.3 17.4 26.2#

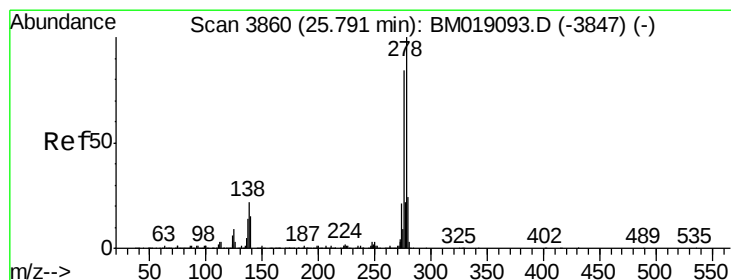
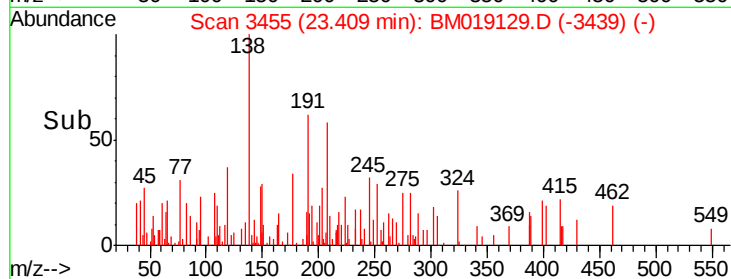
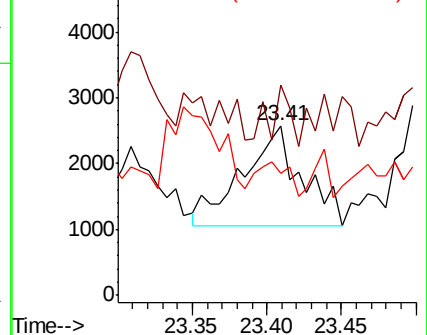
125 71.9 9.2 13.8#



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: 0.002 ng

RT: 25.80 min Scan# 3862

Delta R.T. 0.01 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

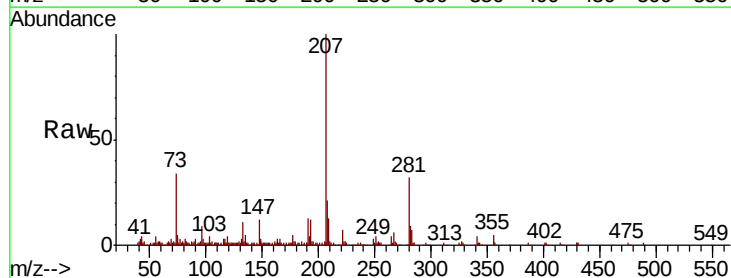
Tgt Ion:278 Resp: 110

Ion Ratio Lower Upper

278 100

139 140.7 12.3 18.5#

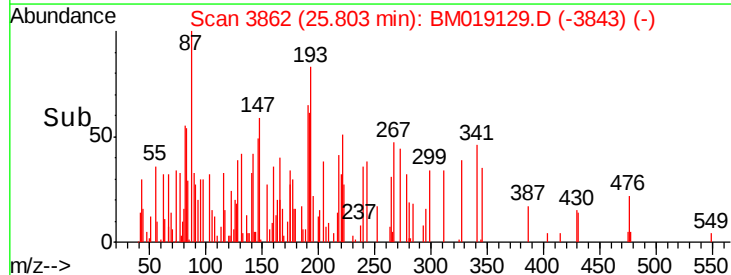
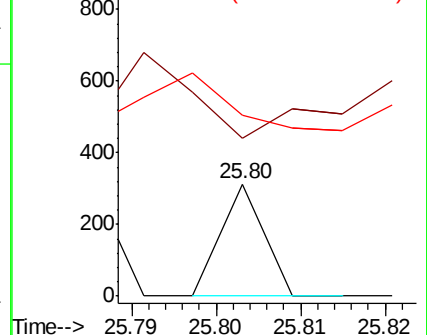
279 161.5 18.9 28.3#

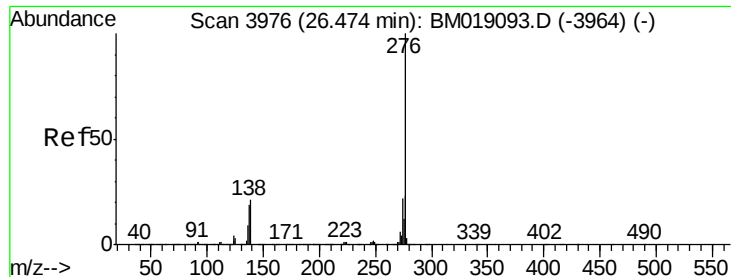


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 0.010 ng

RT: 26.45 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM019129.D

Acq: 13 Mar 2019 03:03

Instrument :

BNA_M

ClientSampleId :

C1355-PC

Tot Ion: 276 Resp: 594

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 67.3 17.0 25.4#

