

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016492.D
 Acq On : 21 Aug 2018 20:17
 Operator : SJ/JU
 Sample : J4553-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 21 23:23:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	157737	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	533422	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	365854	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1139714	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1532064	20.00	ng	0.00
86) Perylene-d12	23.83	264	1772422	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1105175	137.30	ng	0.00
7) Phenol-d6	7.20	99	1376800	129.26	ng	0.00
23) Nitrobenzene-d5	9.20	82	1082200	92.63	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1636525	160.02	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3121194	82.00	ng	0.00
78) Terphenyl-d14	19.99	244	8126142	112.26	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	308	0.069	ng	# 100
3) Pyridine	3.75	79	106	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.73	42	262	0.064	ng	# 1
8) 2-Chlorophenol	7.59	128	131	0.014	ng	# 1
9) Benzaldehyde	7.20	77	6993	0.946	ng	# 2
10) Phenol	7.23	94	21287	2.021	ng	# 82
15) Benzyl Alcohol	8.33	79	23234	2.349	ng	# 11
17) 2-Methylphenol	8.54	107	117	0.015	ng	# 12
24) Nitrobenzene	9.26	77	612	0.052	ng	# 42
25) Isophorone	9.76	82	792	0.051	ng	# 62
45) 1,1'-Biphenyl	13.52	154	2368	0.074	ng	# 72
49) Dimethylphthalate	14.12	163	237553	6.759	ng	# 98
51) Acenaphthene	14.73	154	243	0.011	ng	# 5
56) 2,4-Dinitrotoluene	15.05	165	181	0.016	ng	# 11
59) Diethylphthalate	15.49	149	2358	0.064	ng	# 75
62) Azobenzene	15.95	77	112	0.003	ng	# 50
70) Phenanthrene	17.45	178	1189	0.020	ng	# 60
73) Di-n-butylphthalate	18.34	149	4351	0.068	ng	# 90
74) Fluoranthene	19.49	202	197	0.002	ng	# 66
76) Benzidine	19.70	184	112	0.004	ng	# 68
79) Butylbenzylphthalate	20.67	149	480	0.017	ng	# 80
80) Benzo(a)anthracene	21.54	228	7315	0.081	ng	# 77
81) 3,3'-Dichlorobenzidine	21.46	252	642	0.016	ng	# 62
82) Chrysene	21.54	228	7315	0.085	ng	# 75
83) Bis(2-ethylhexyl)phthalate	21.43	149	4372	0.102	ng	# 83
84) Di-n-octyl phthalate	22.32	149	1871	0.026	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.22	276	1621	0.013	ng	# 58
87) Benzo(b)fluoranthene	23.14	252	1230	0.012	ng	# 1
88) Benzo(k)fluoranthene	23.20	252	1407	0.014	ng	# 1
89) Benzo(a)pyrene	23.74	252	922	0.009	ng	# 1
90) Dibenzo(a,h)anthracene	26.18	278	328	0.003	ng	# 1
91) Benzo(a,h,i)perylene	26.83	276	107	0.001	ng	# 52

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QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

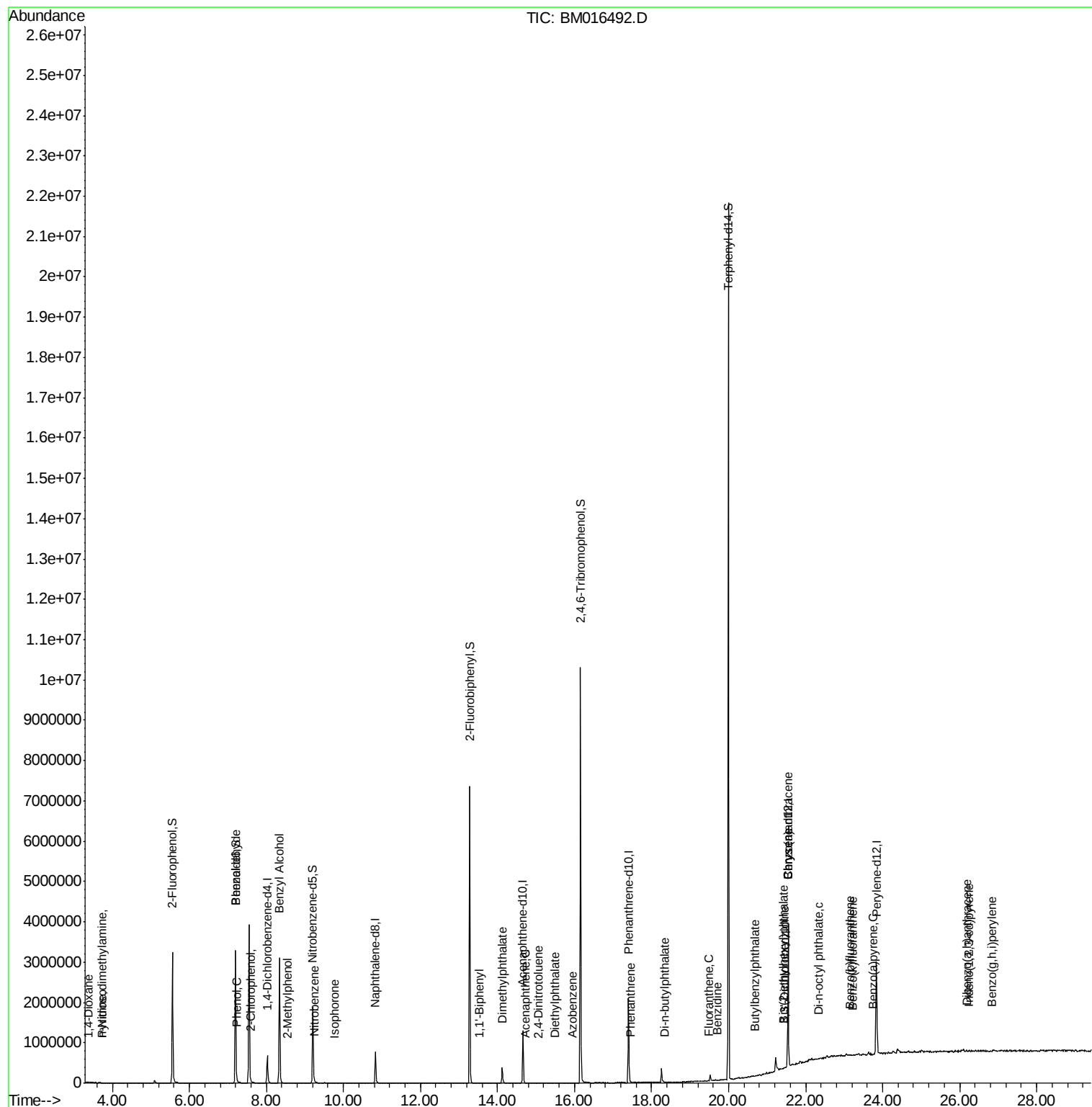
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

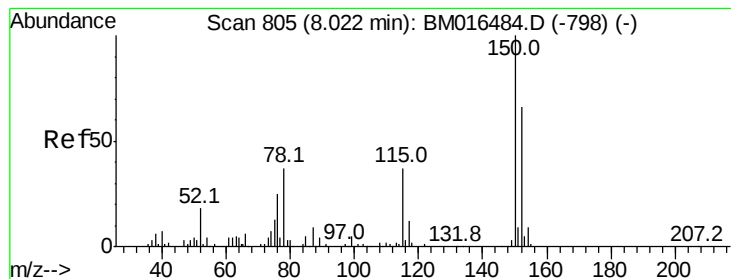
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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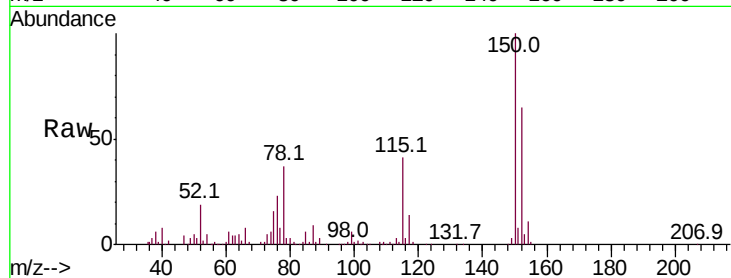


#1

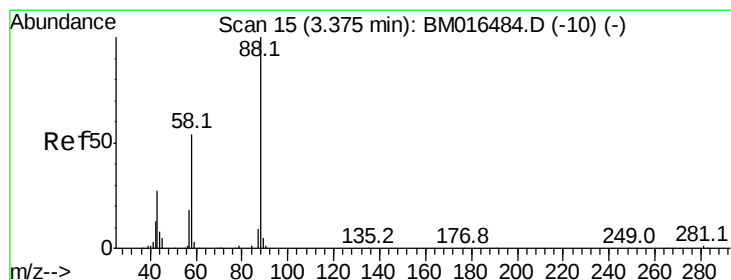
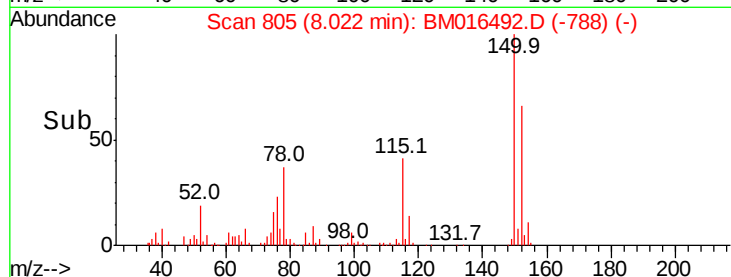
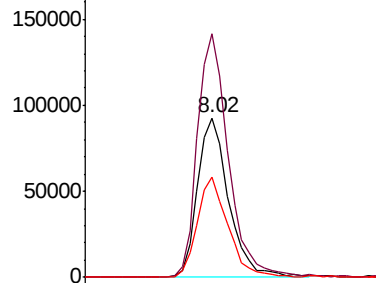
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	63.0	43.0	64.4



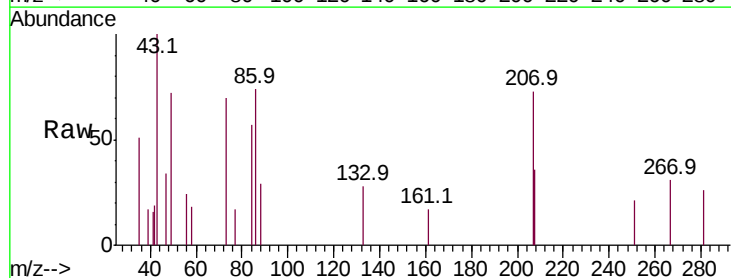
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



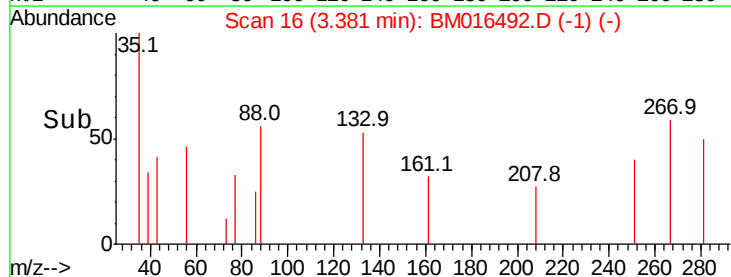
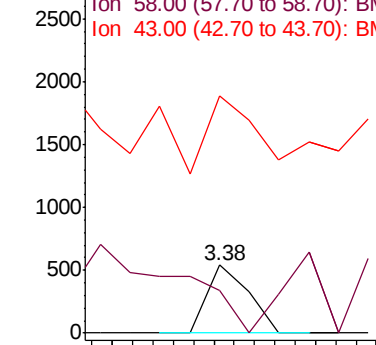
#2

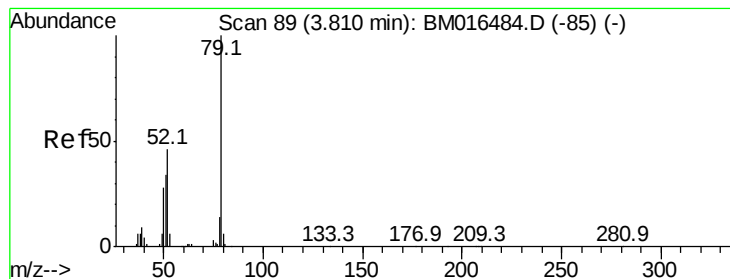
1,4-Dioxane
Concen: 0.069 ng
RT: 3.38 min Scan# 16
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.7	0.0	0.0#
43	134.1	0.0	0.0#



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: 0.011 ng

RT: 3.75 min Scan# 79

Delta R.T. -0.06 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampled :

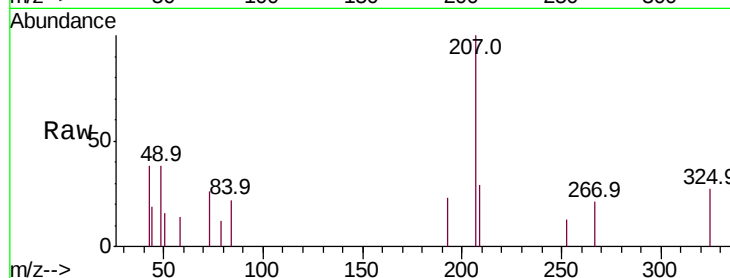
Tot Ion: 79 Resp: 106

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 126.9 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016492.D (-72) (-)

Ion 52.00 (51.70 to 52.70): BM016492.D (-72) (-)

Ion 51.00 (50.70 to 51.70): BM016492.D (-72) (-)

800

600

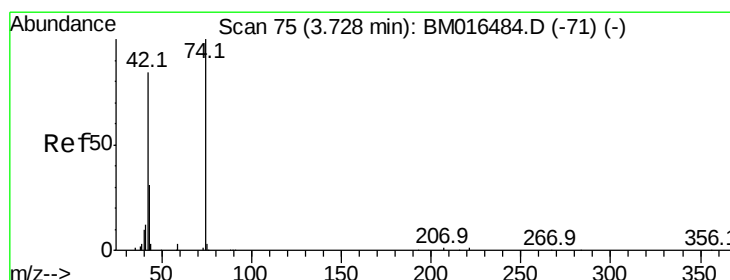
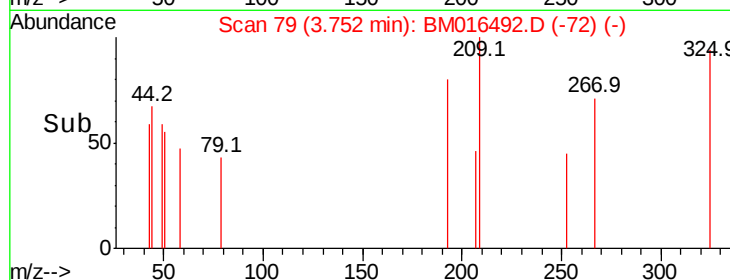
400

200

0

3.73 3.74 3.75 3.76 3.77

Time-->



#4

n-Nitrosodimethylamine

Concen: 0.064 ng

RT: 3.73 min Scan# 76

Delta R.T. 0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

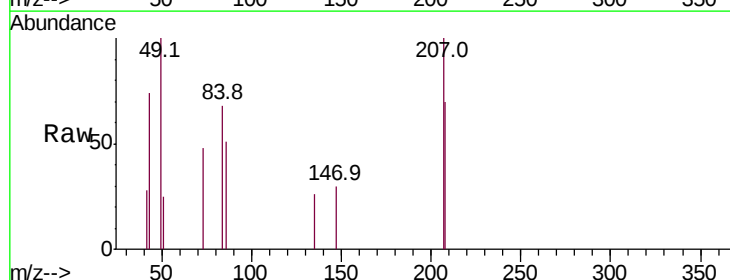
Tgt Ion: 42 Resp: 262

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 0.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM016492.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM016492.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM016492.D (-58) (-)

1200

1000

800

600

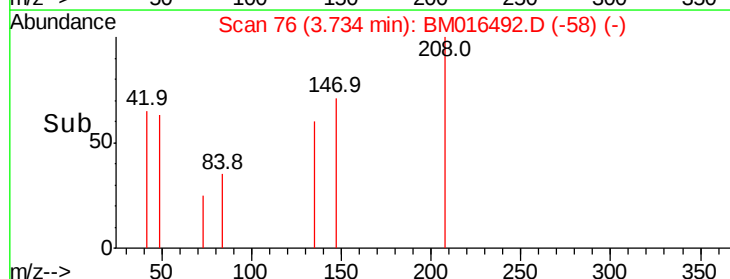
400

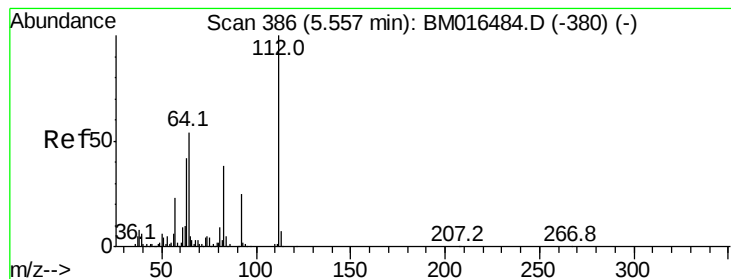
200

0

3.72 3.73 3.74 3.75 3.76

Time-->





#5

2-Fluorophenol

Concen: 0.064 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

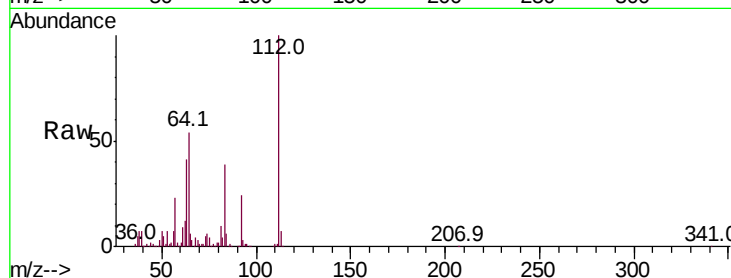
Tot Ion:112 Resp: 1105175

Ion Ratio Lower Upper

112 100

64 53.5 38.6 57.8

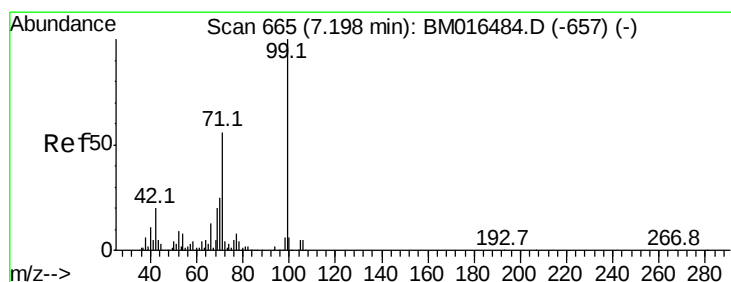
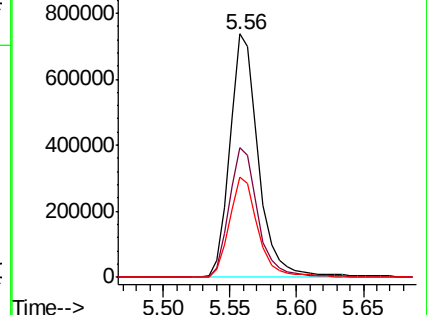
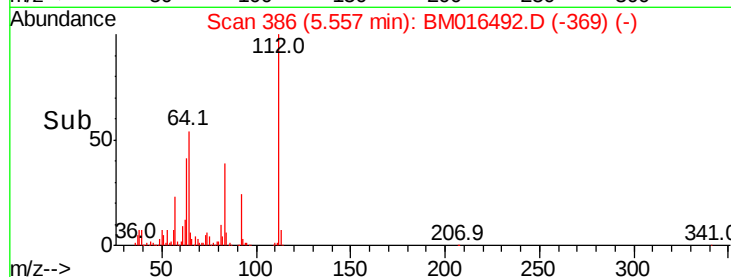
63 41.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

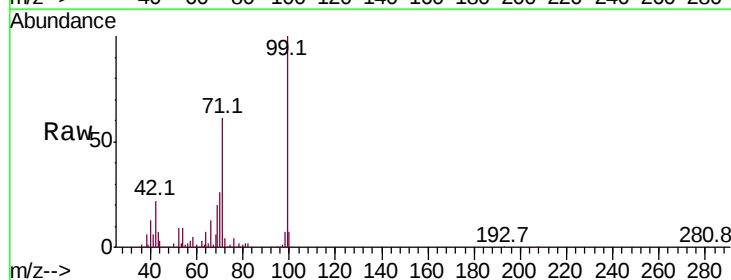
Tgt Ion: 99 Resp: 1376800

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

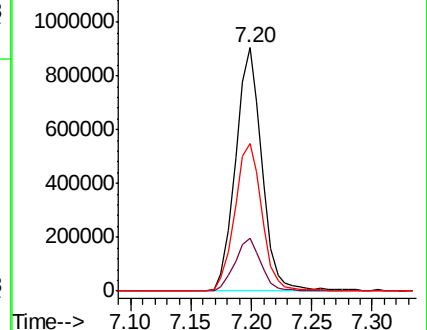
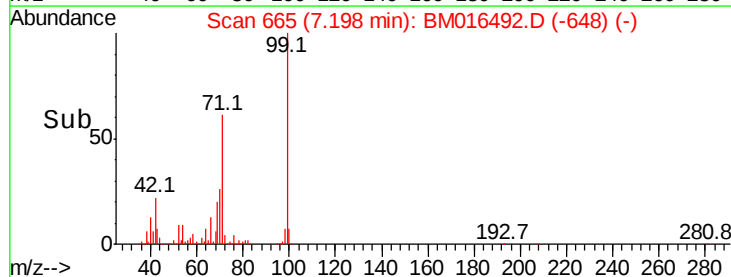
71 60.7 23.4 35.2#

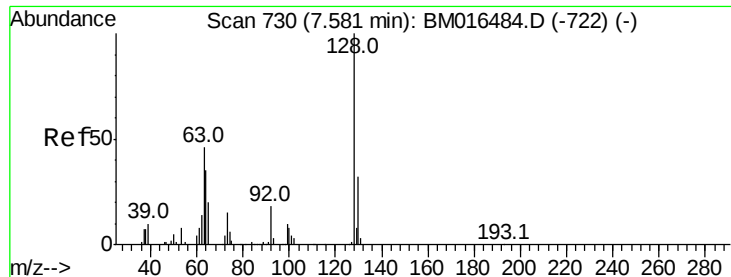


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.014 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

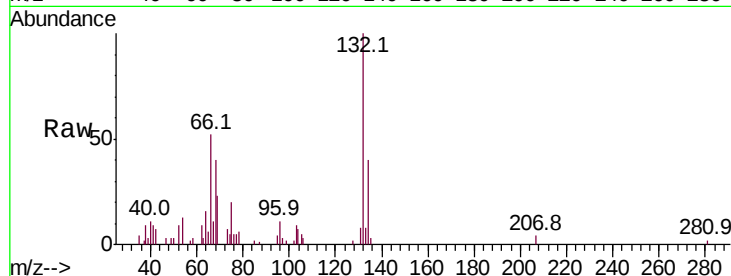
Tot Ion:128 Resp: 131

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

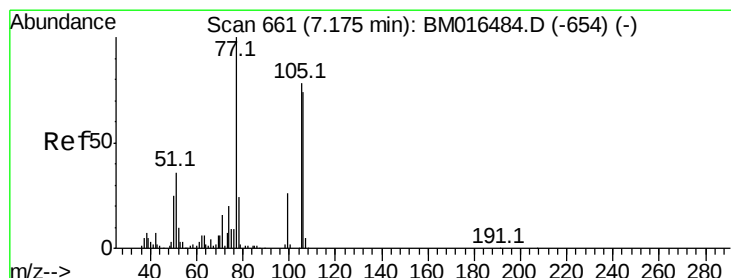
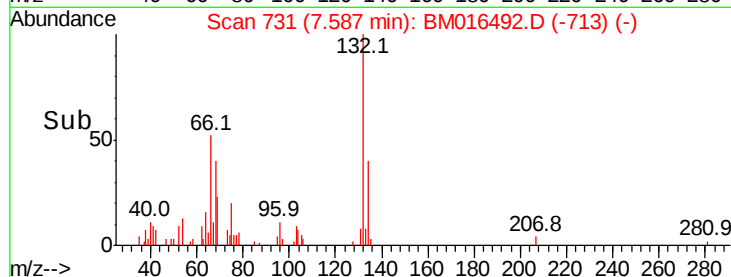
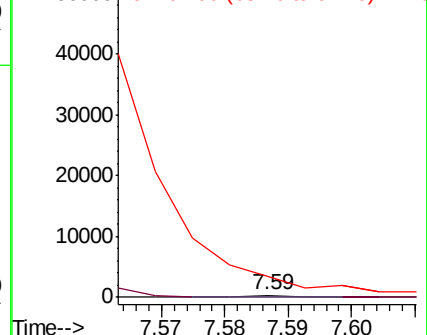
64 904.3 24.9 64.9#



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: 0.946 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.02 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

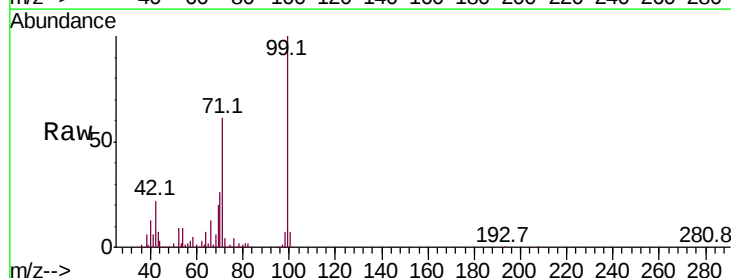
Tgt Ion: 77 Resp: 6993

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

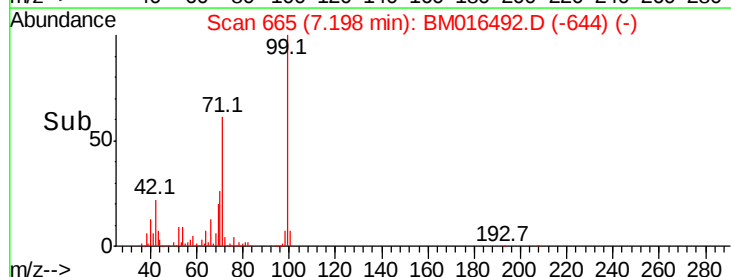
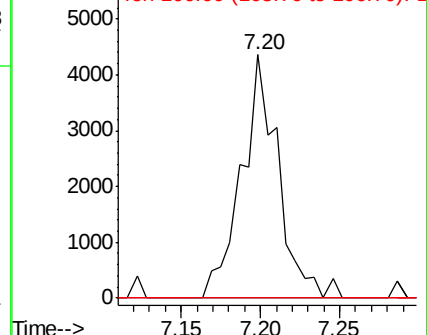
106 0.0 73.7 113.7#

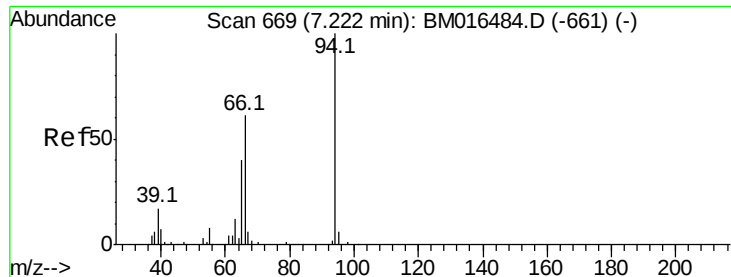


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

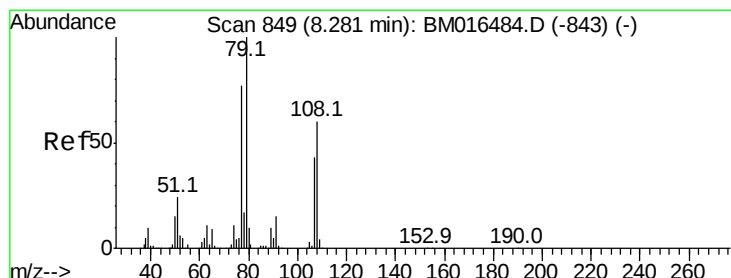
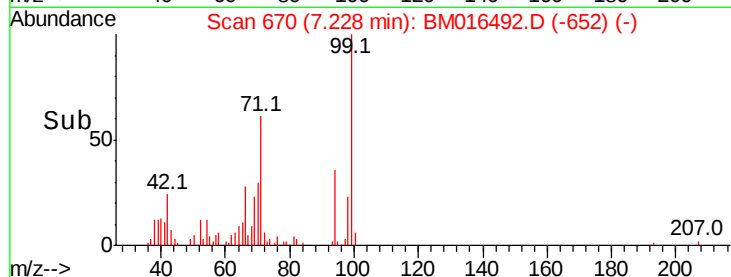
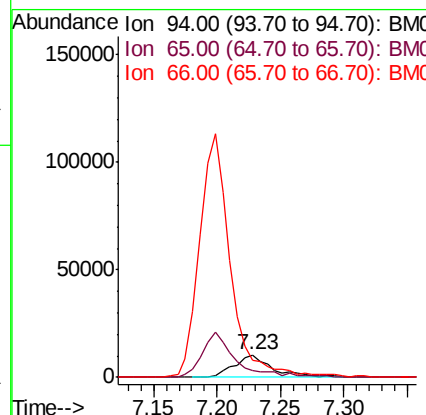
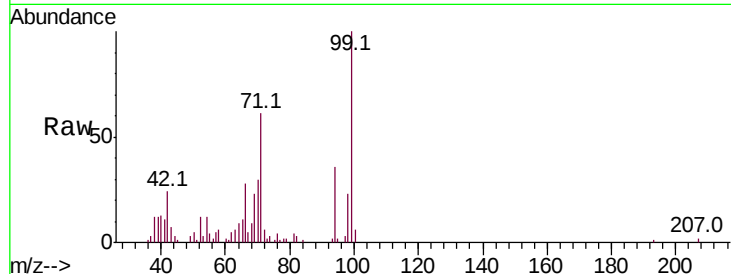




#10
Phenol
Concen: 2.021 ng
RT: 7.23 min Scan# 670
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

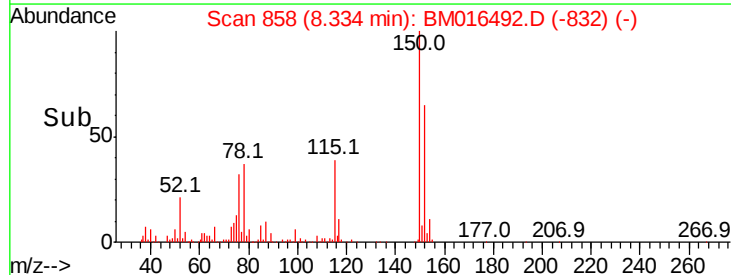
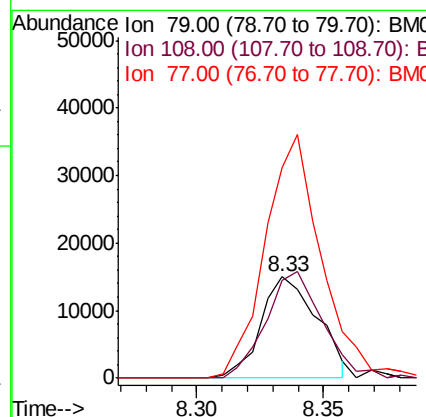
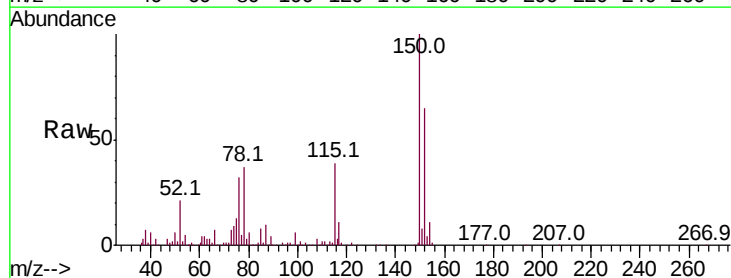
Instrument :
BNA_M
ClientSampled :

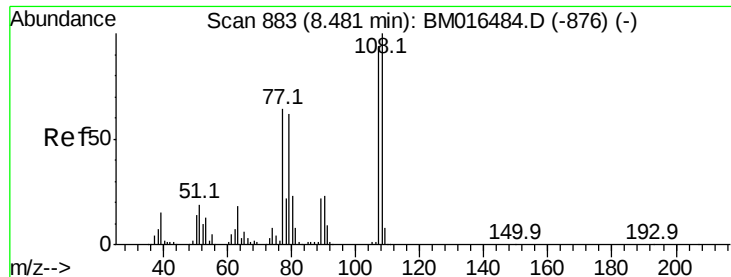
Tot Ion: 94 Resp: 21287
Ion Ratio Lower Upper
94 100
65 31.7 18.8 58.8
66 76.4 39.9 79.9



#15
Benzyl Alcohol
Concen: 2.349 ng
RT: 8.33 min Scan# 858
Delta R.T. 0.05 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion: 79 Resp: 23234
Ion Ratio Lower Upper
79 100
108 96.8 65.0 97.4
77 207.5 53.0 79.6#

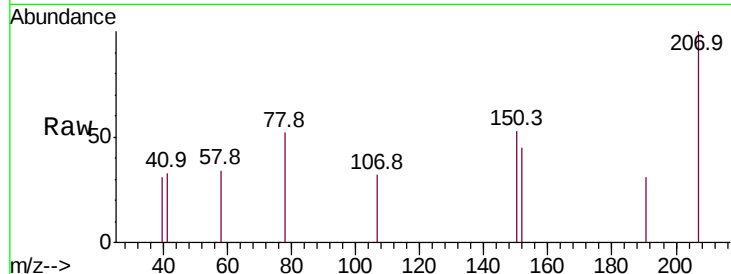




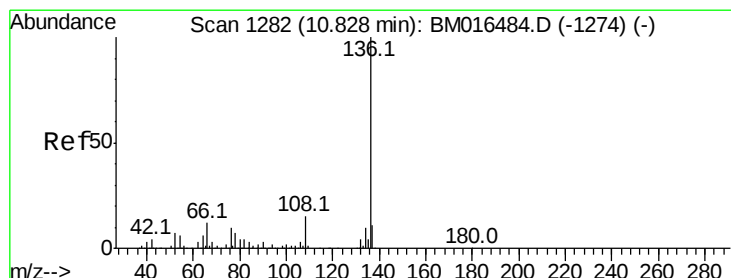
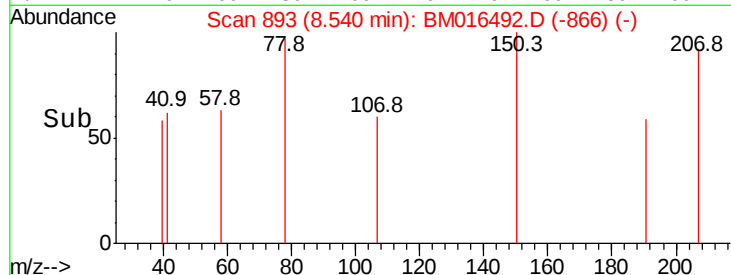
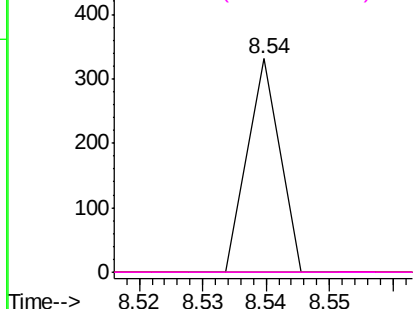
#17
2-Methylphenol
Concen: 0.015 ng
RT: 8.54 min Scan# 893
Delta R.T. 0.06 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 117
Ion Ratio Lower Upper
107 100
108 0.0 89.8 134.8#
77 0.0 32.6 48.8#
79 0.0 32.8 49.2#

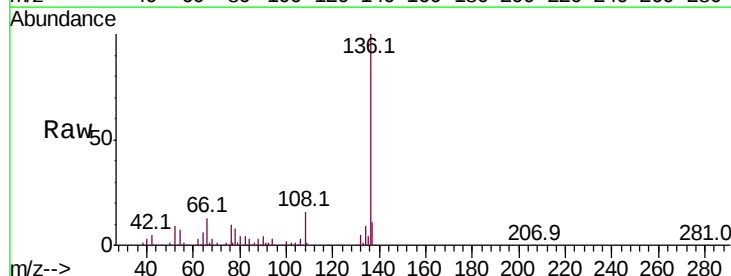


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

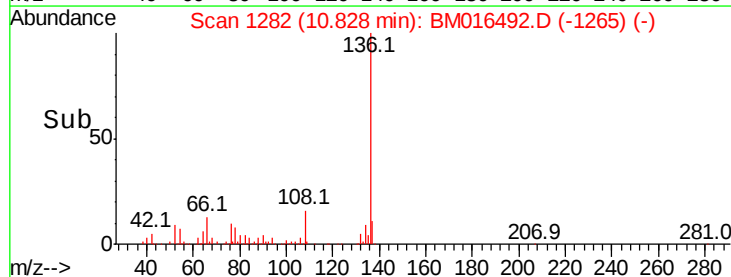
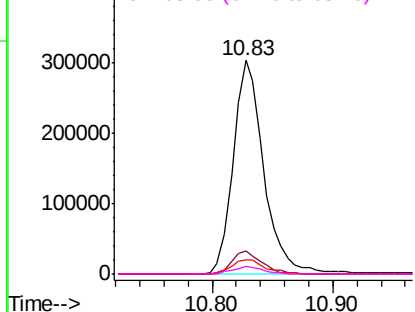


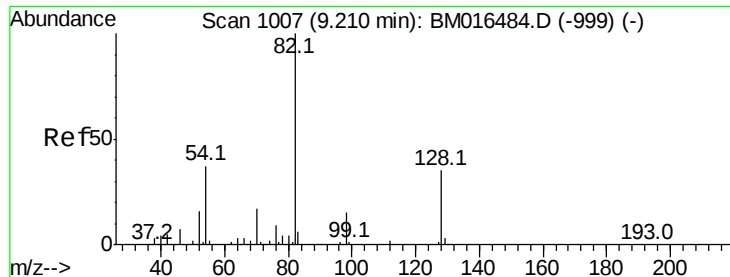
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:136 Resp: 533422
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.8 4.6 6.8
68 3.4 3.7 5.5#



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): BM0
Ion 68.00 (67.70 to 68.70): BM0

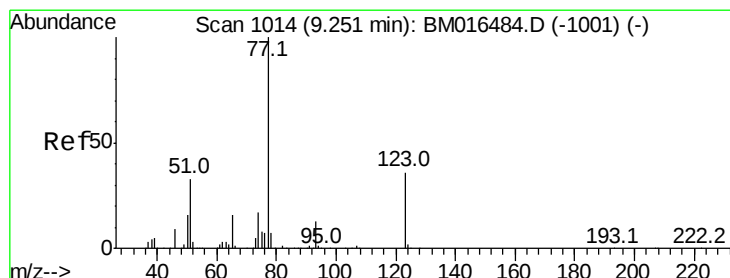
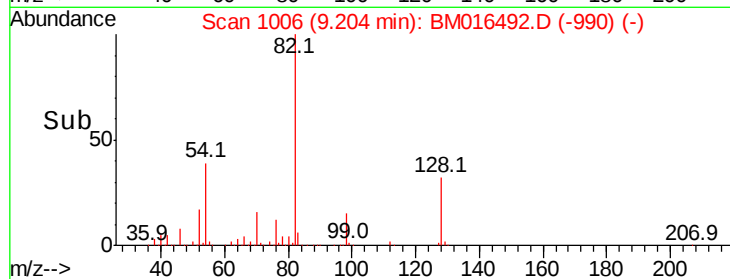
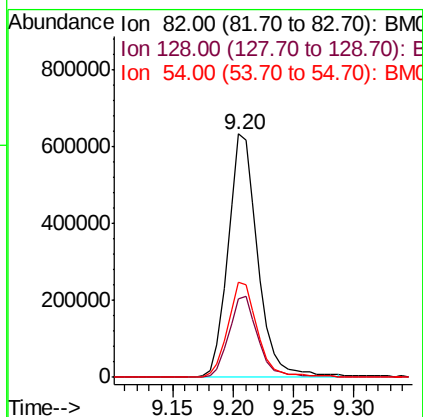
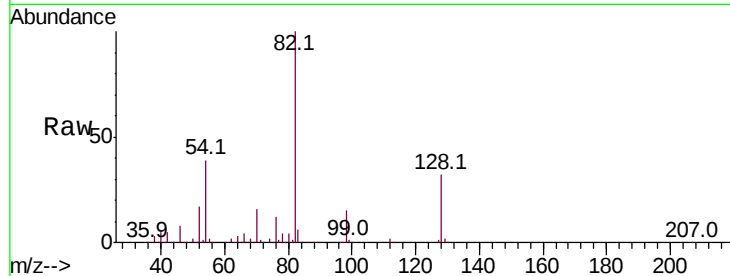




#23
 Nitrobenzene-d5
 Concen: N.D. na
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

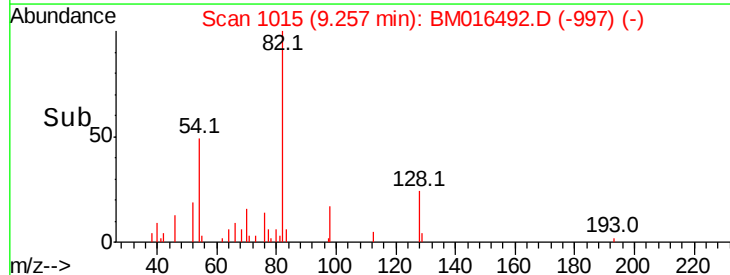
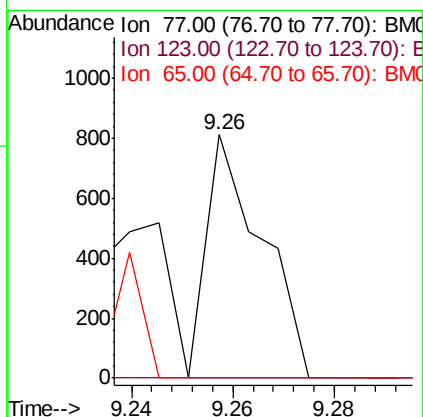
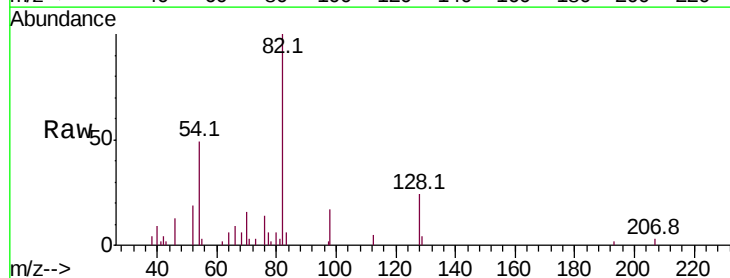
Instrument :
 BNA_M
 ClientSampleId :

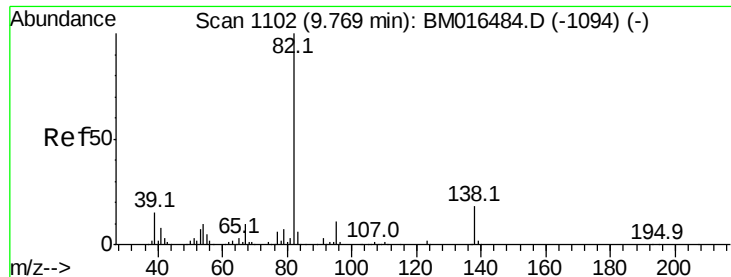
Tot Ion: 82 Resp: 1082200
 Ion Ratio Lower Upper
 82 100
 128 32.3 32.8 49.2#
 54 39.1 40.6 60.8#



#24
 Nitrobenzene
 Concen: 0.052 ng
 RT: 9.26 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Tgt Ion: 77 Resp: 612
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 10.9 16.3#





#25

Isophorone

Concen: 0.051 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

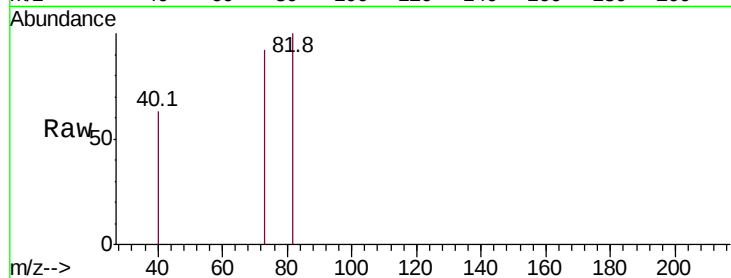
Tot Ion: 82 Resp: 792

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016492.D (-1085) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)

800

600

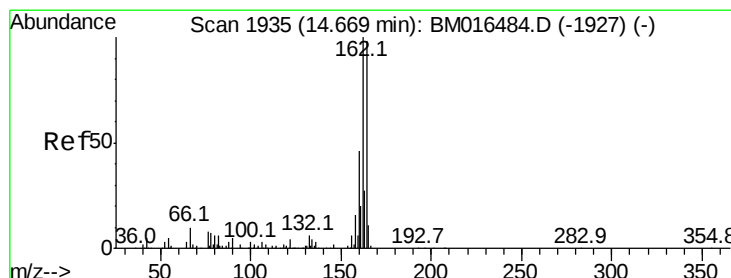
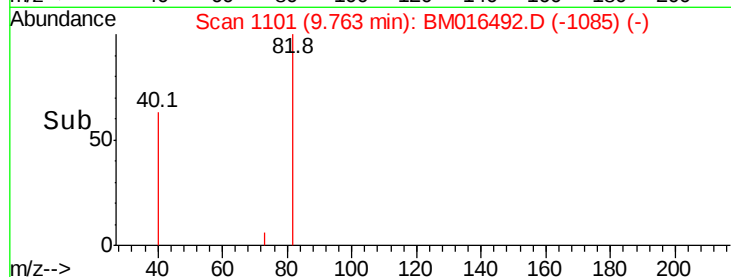
400

200

0

9.74 9.76 9.78 9.80

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

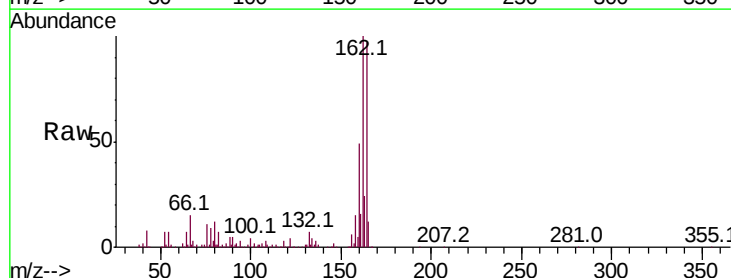
Tgt Ion: 164 Resp: 365854

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

160 50.3 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016492.D (-1918) (-)

Ion 160.00 (159.70 to 160.70): BM016484.D (-1927) (-)

300000

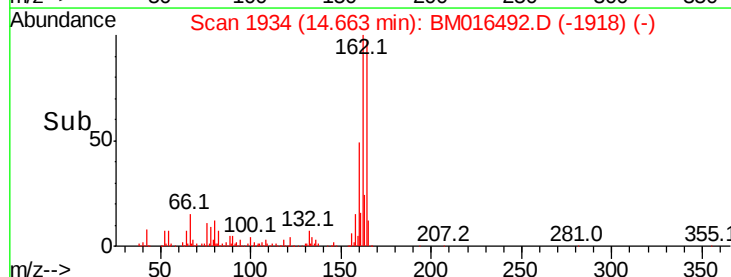
200000

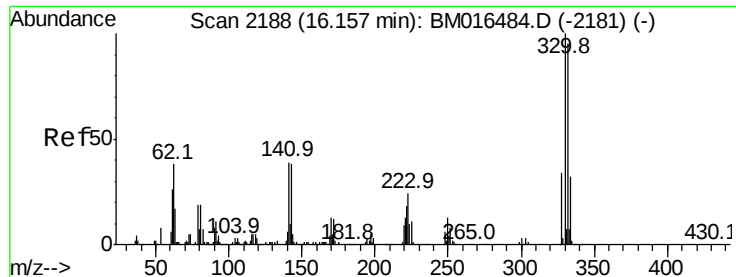
100000

0

14.60 14.65 14.70

Time-->

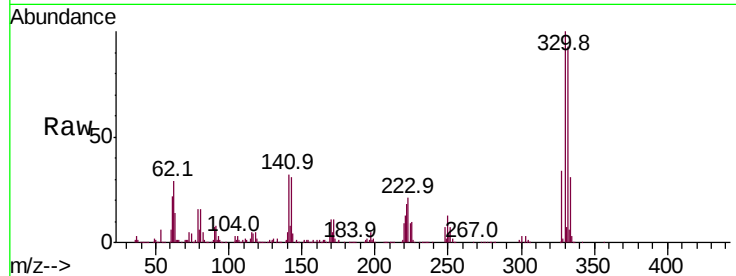




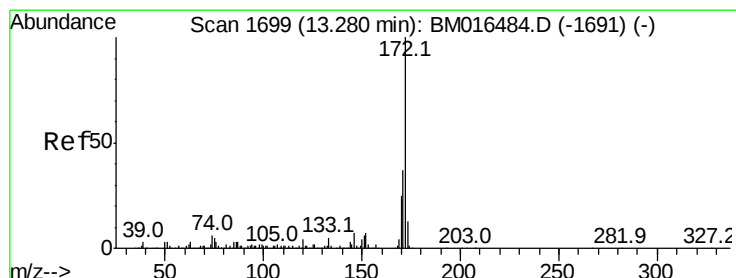
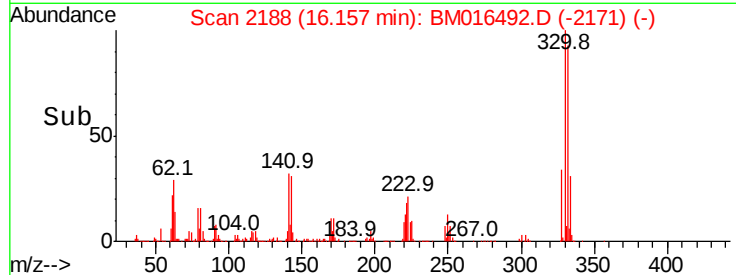
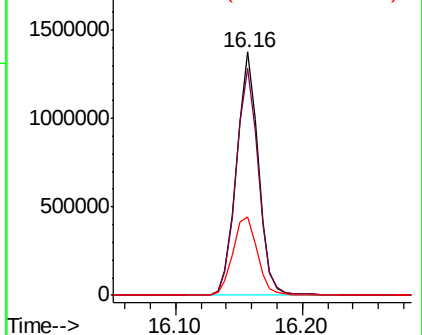
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1636525
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 36.1 0.0 0.0#

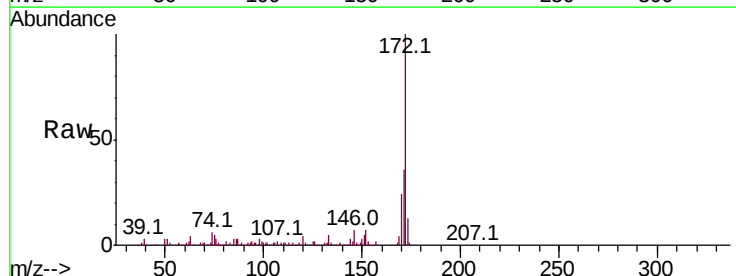


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

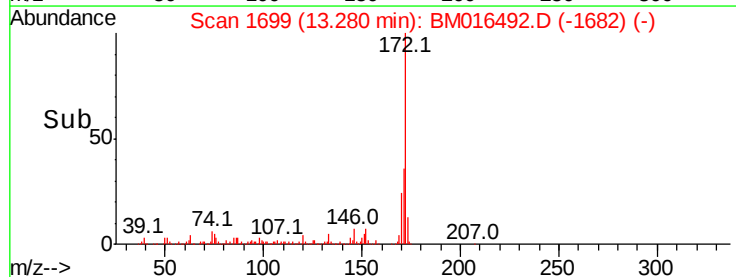
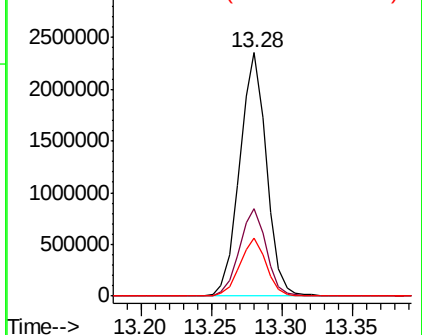


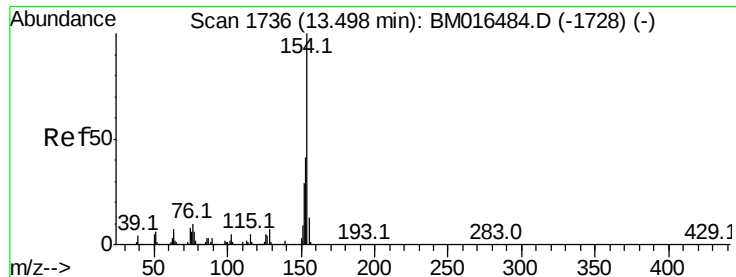
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Tgt Ion:172 Resp: 3121194
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.1 18.8 28.2



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

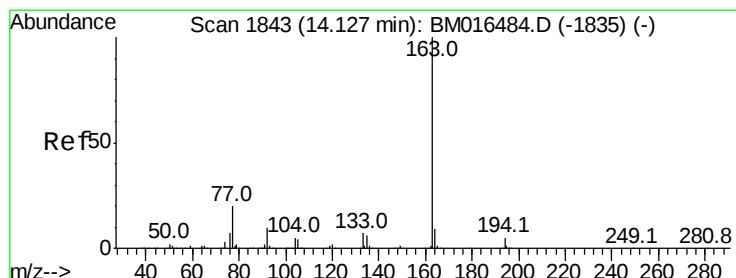
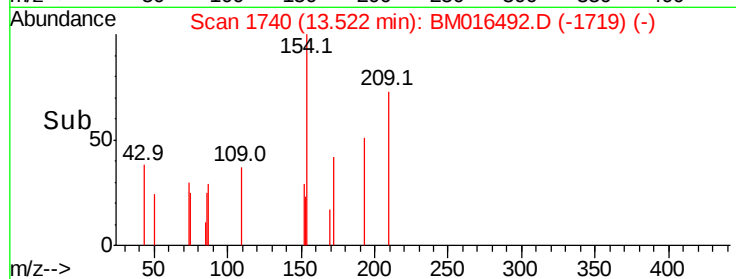
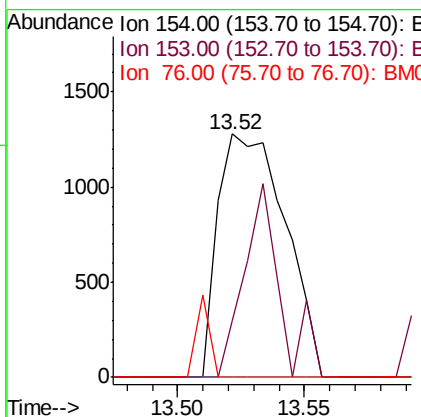
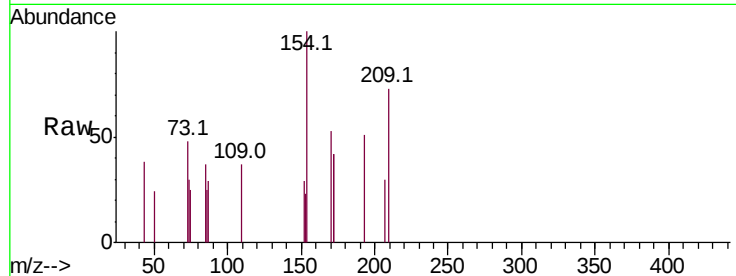




#45
 1,1'-Biphenyl
 Concen: 0.074 ng
 RT: 13.52 min Scan# 1740
 Delta R.T. 0.02 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

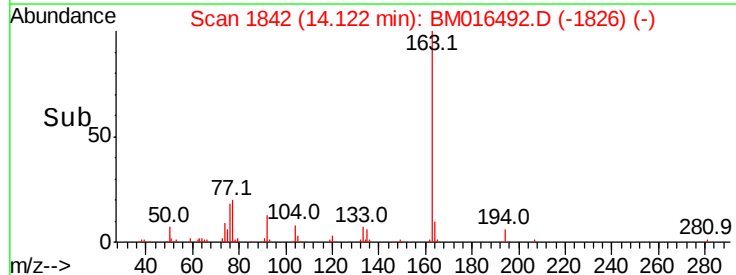
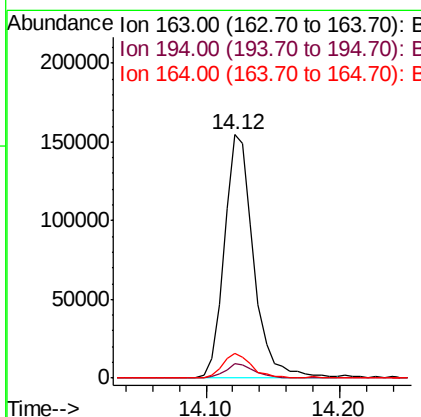
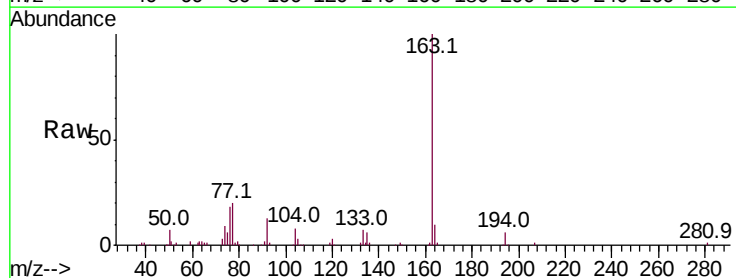
Instrument :
 BNA_M
 ClientSampleId :

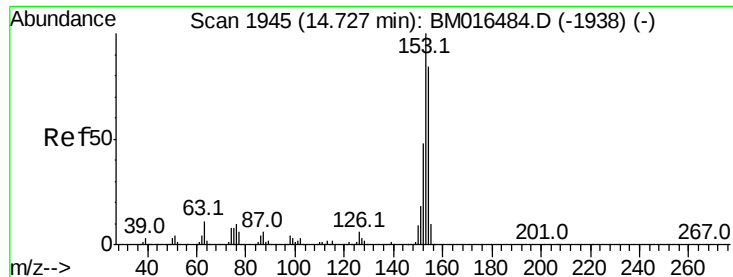
Tot Ion:154 Resp: 2368
 Ion Ratio Lower Upper
 154 100
 153 23.5 20.7 60.7
 76 0.0 0.0 30.9



#49
 Dimethylphthalate
 Concen: 6.759 ng
 RT: 14.12 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Tgt Ion:163 Resp: 237553
 Ion Ratio Lower Upper
 163 100
 194 6.0 2.7 4.1#
 164 10.1 8.2 12.2





#51

Acenaphthene

Concen: 0.011 ng

RT: 14.73 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

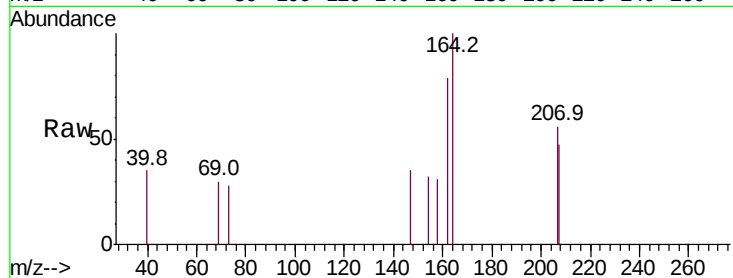
Tot Ion:154 Resp: 243

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

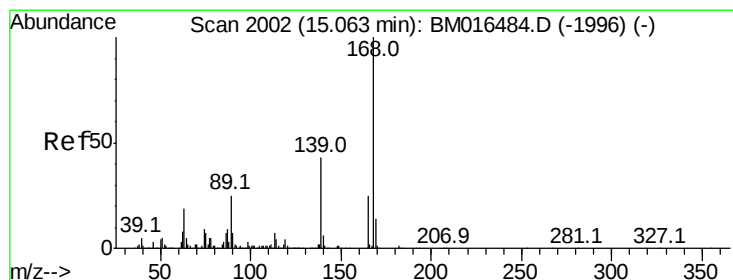
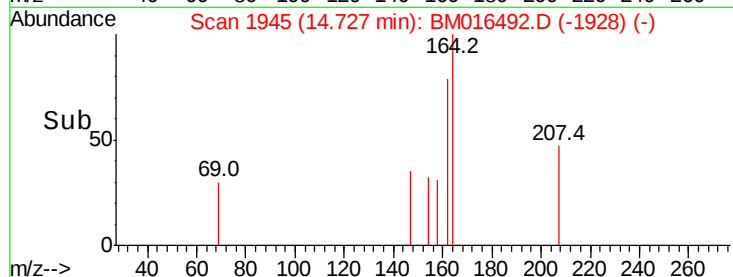
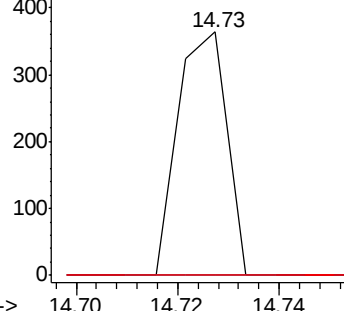
152 0.0 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 0.016 ng

RT: 15.05 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Tgt Ion:165 Resp: 181

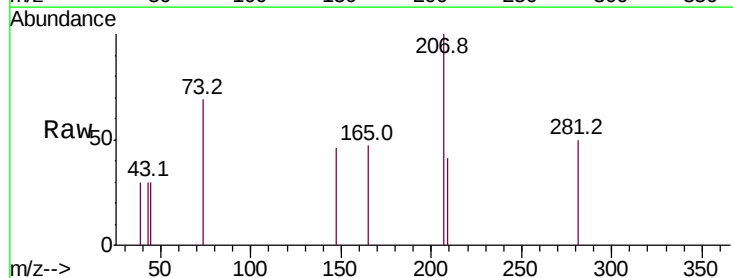
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

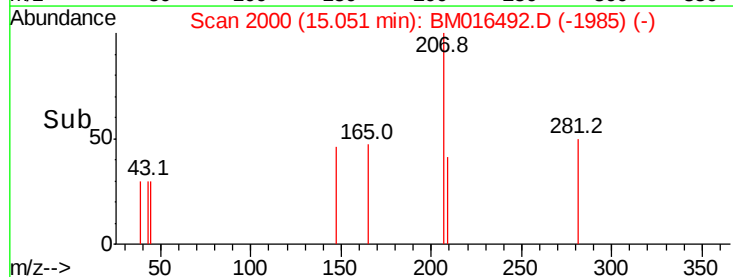
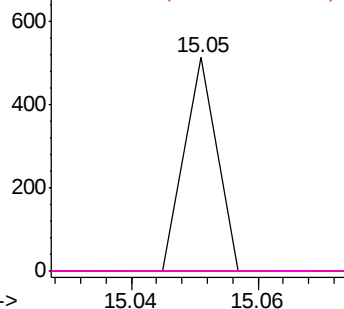


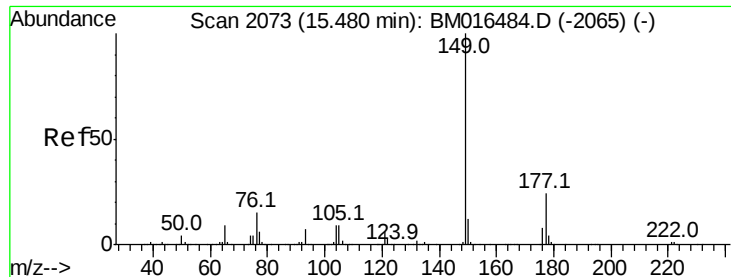
Abundance Ion 165.00 (164.70 to 165.70): E

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

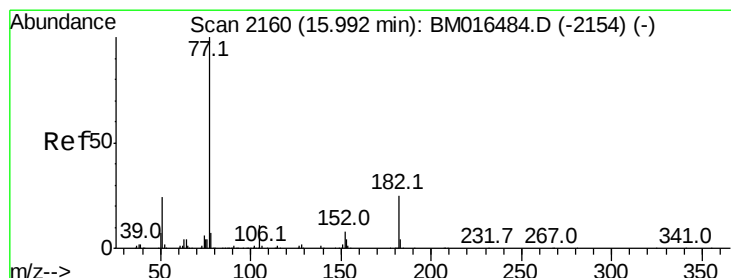
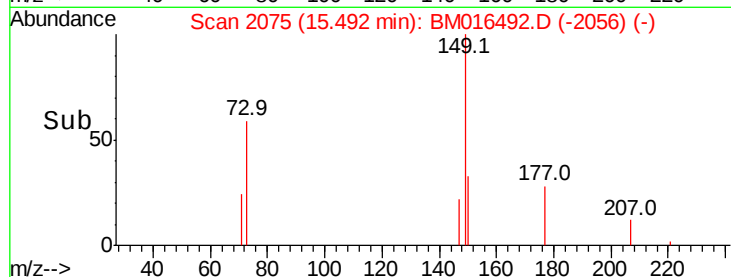
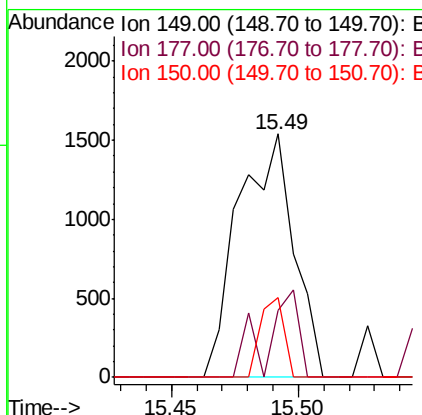
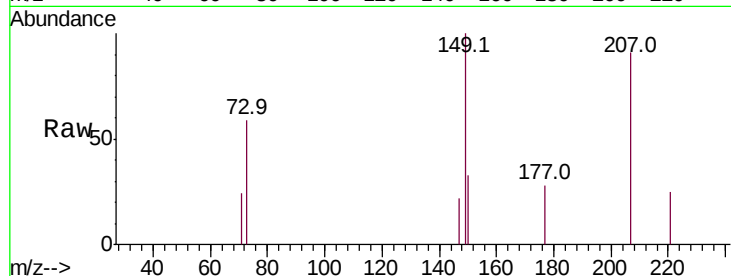




#59
Diethylphthalate
Concen: 0.064 ng
RT: 15.49 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

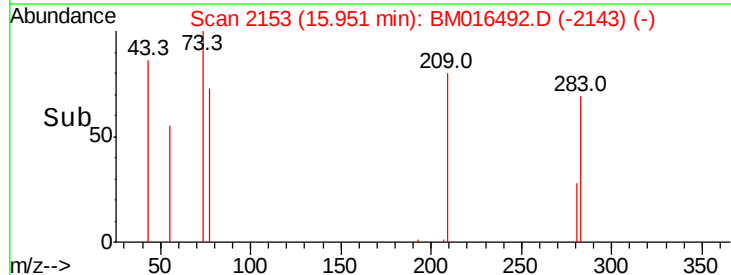
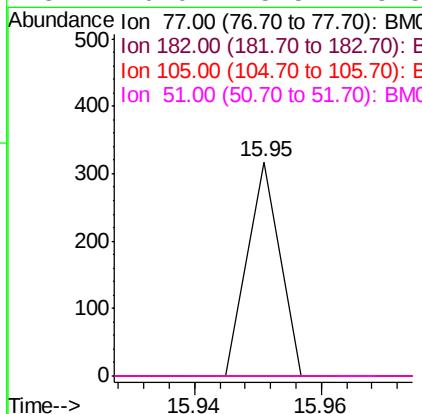
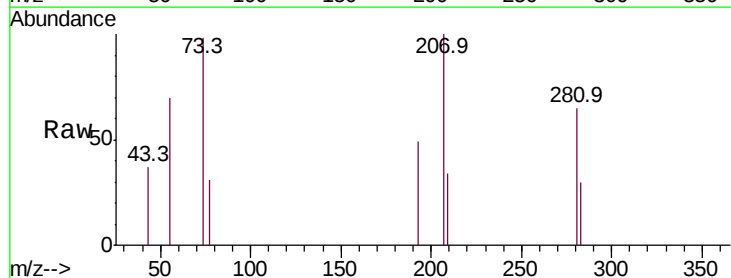
Instrument :
BNA_M
ClientSampled :

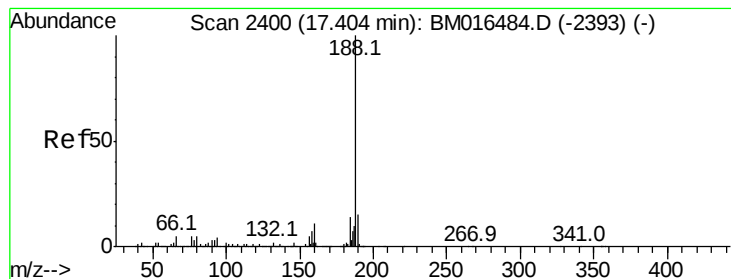
Tot Ion:149 Resp: 2358
Ion Ratio Lower Upper
149 100
177 27.6 18.3 27.5#
150 33.0 9.8 14.8#



#62
Azobenzene
Concen: 0.003 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.04 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion: 77 Resp: 112
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 0.0 3.8 43.8#
51 0.0 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampled :

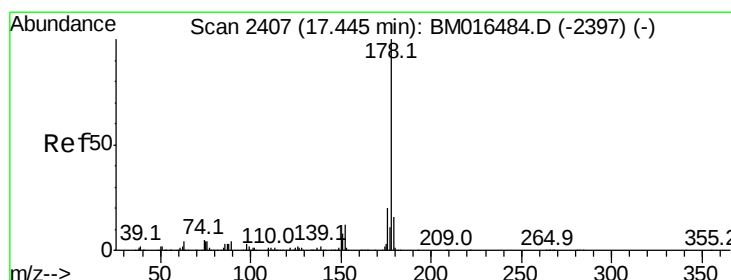
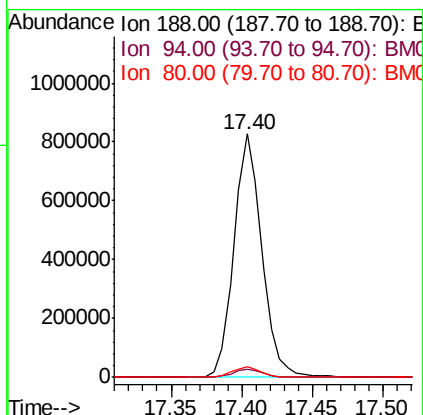
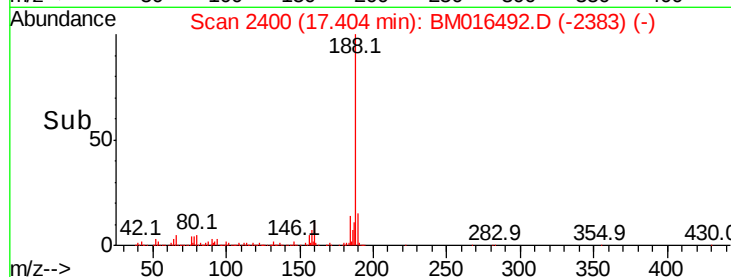
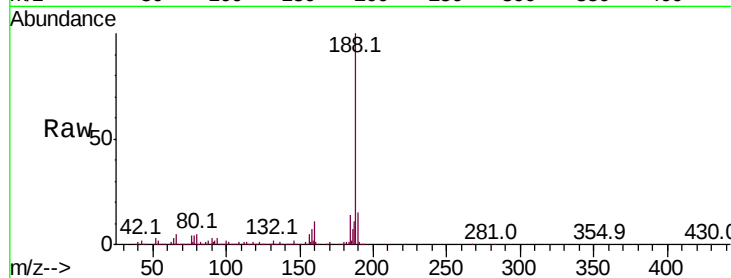
Tot Ion:188 Resp: 1139714

Ion Ratio Lower Upper

188 100

94 3.2 8.7 13.1#

80 4.6 9.3 13.9#



#70

Phenanthrene

Concen: 0.020 ng

RT: 17.45 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

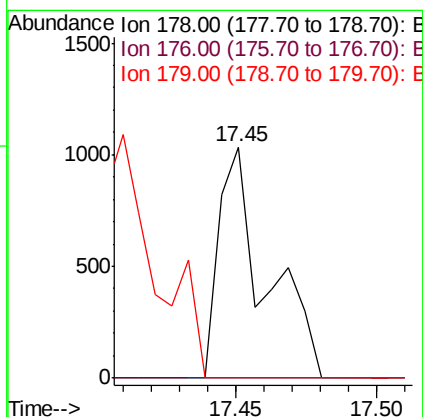
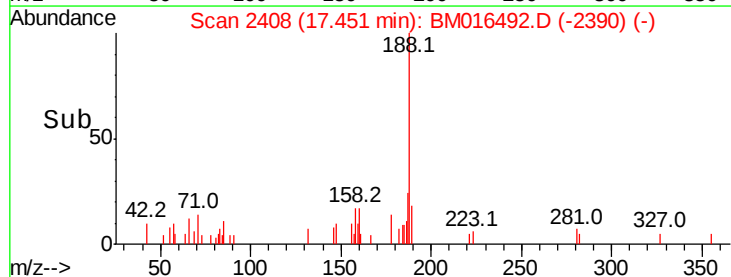
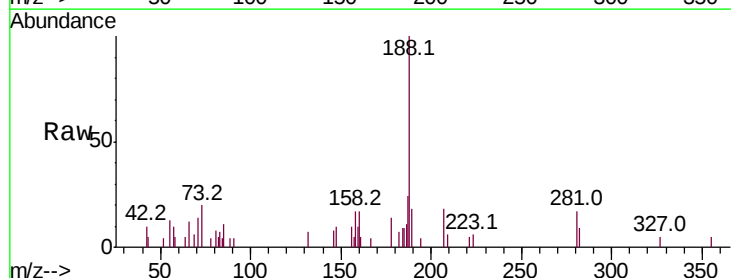
Tgt Ion:178 Resp: 1189

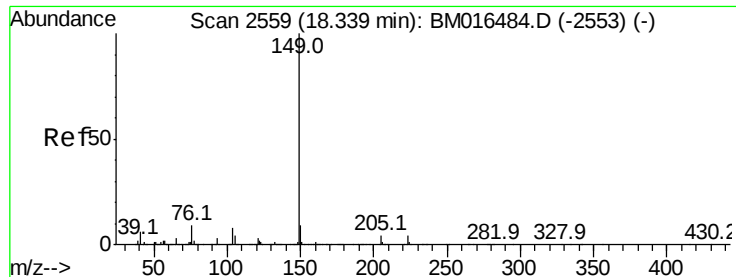
Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

179 0.0 12.1 18.1#

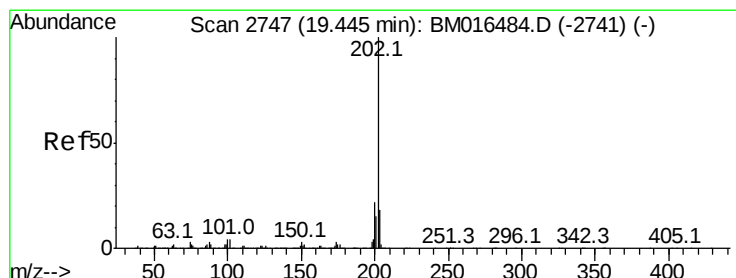
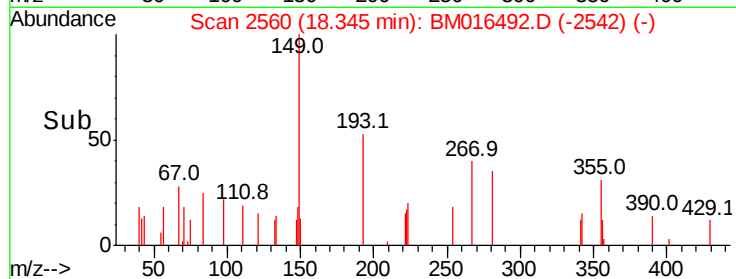
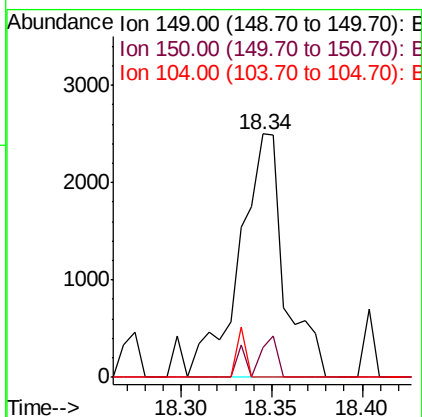
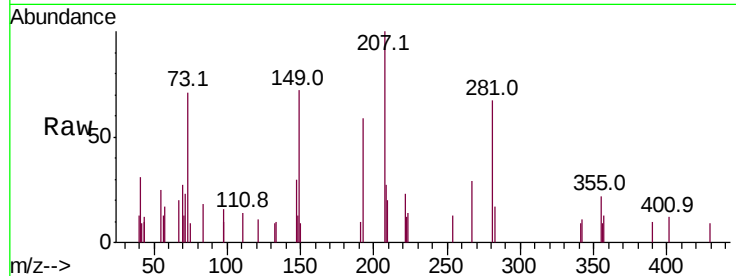




#73
Di-n-butylphthalate
Concen: 0.068 ng
RT: 18.34 min Scan# 2560
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

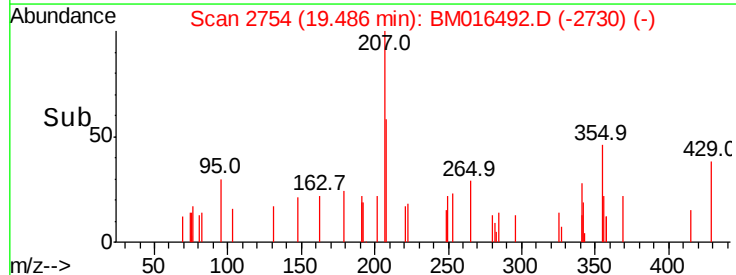
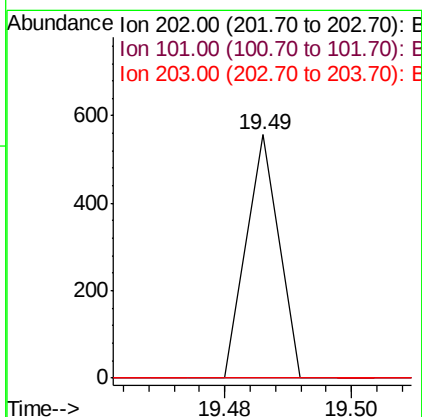
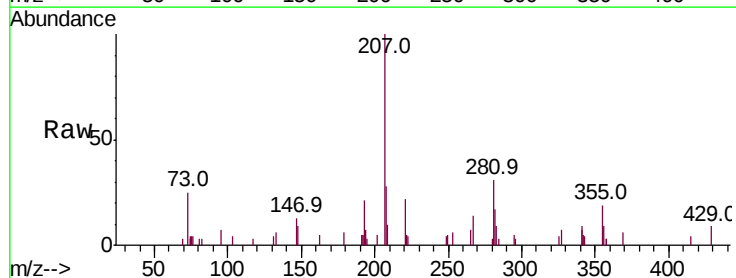
Instrument :
BNA_M
ClientSampleId :

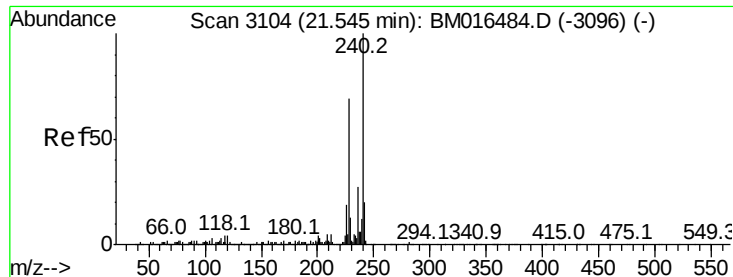
Tot Ion:149 Resp: 4351
Ion Ratio Lower Upper
149 100
150 12.5 7.5 11.3#
104 0.0 3.7 5.5#



#74
Fluoranthene
Concen: 0.002 ng
RT: 19.49 min Scan# 2754
Delta R.T. 0.04 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:202 Resp: 197
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 0.0 0.0 37.2



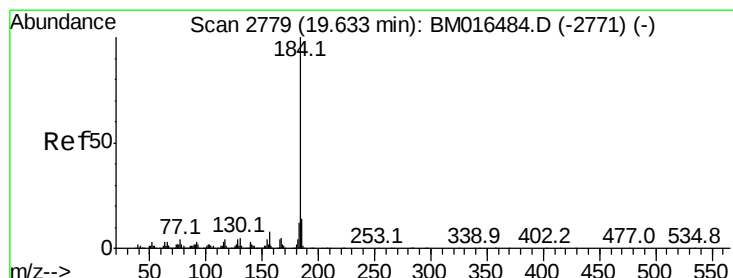
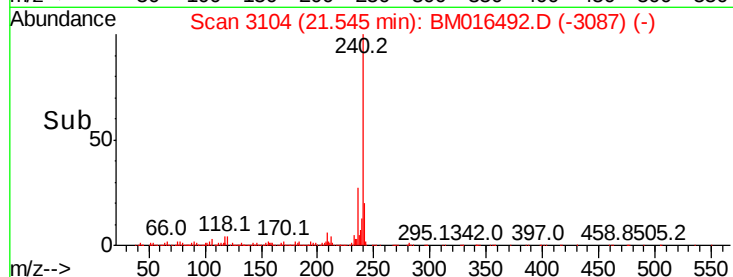
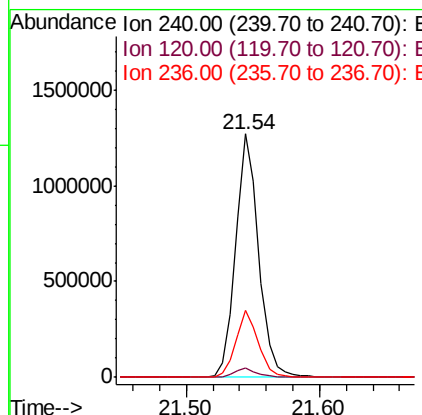
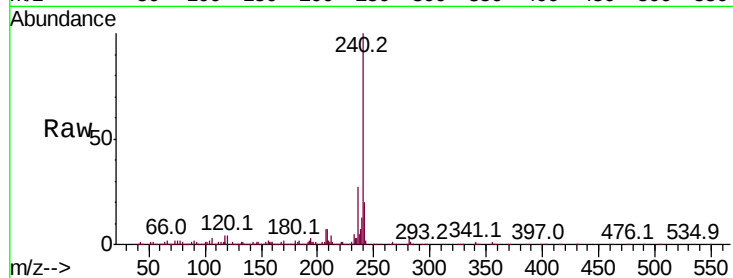


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:240 Resp: 1532064

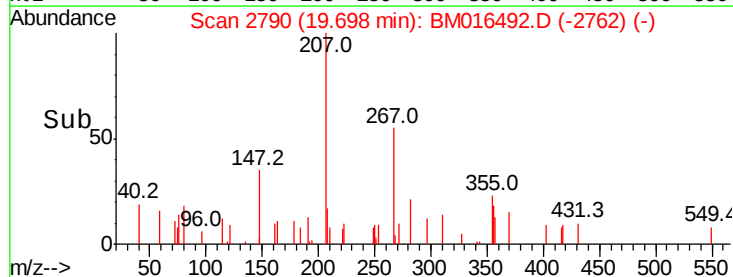
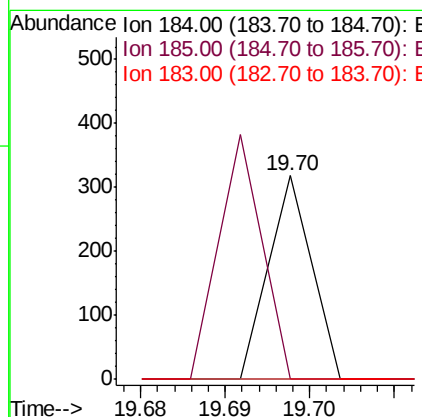
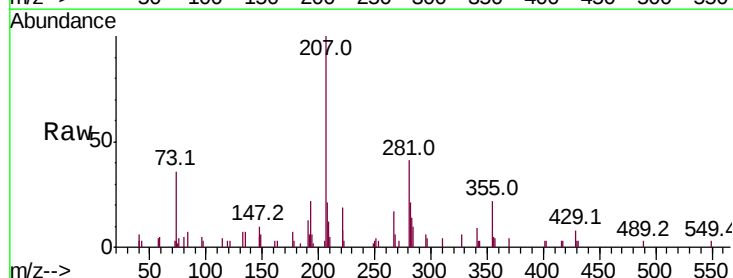
Ion	Ratio	Lower	Upper
240	100		
120	3.7	8.2	12.2#
236	27.4	20.0	30.0

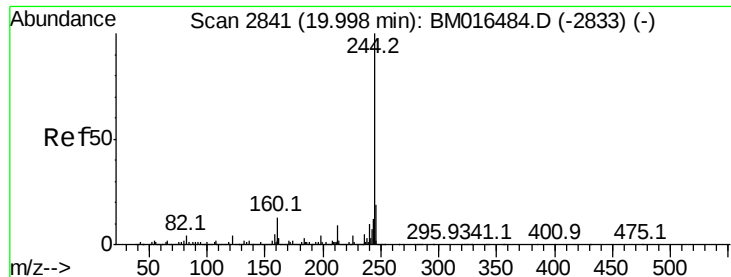


#76
 Benzidine
 Concen: 0.004 ng
 RT: 19.70 min Scan# 2790
 Delta R.T. 0.06 min
 Lab File: BM016492.D
 Acq: 21 Aug 2018 20:17

Tgt Ion:184 Resp: 112

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.3	16.9#
183	0.0	8.9	13.3#





#78

Terphenyl-d14

Concen: N.D. ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampled :

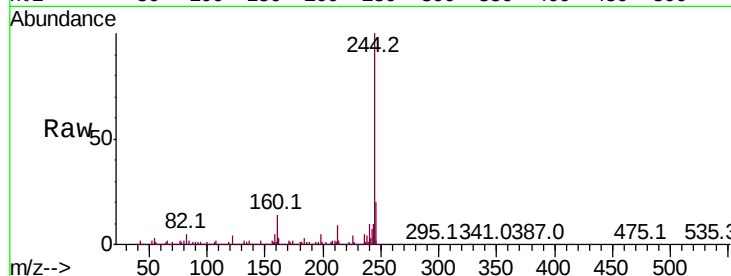
Tot Ion:244 Resp: 8126142

Ion Ratio Lower Upper

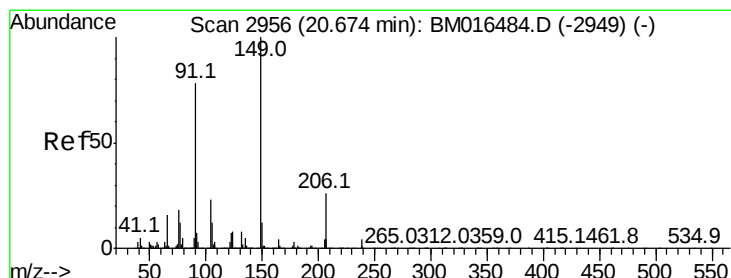
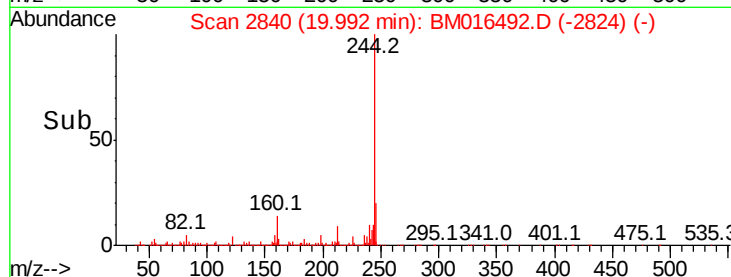
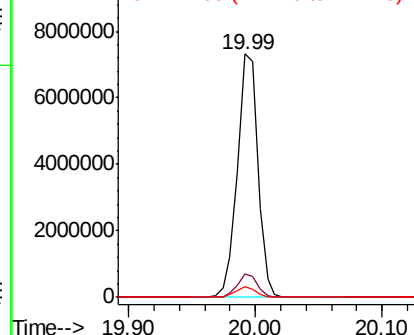
244 100

212 9.4 4.9 7.3#

122 4.1 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
1e+07 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.017 ng

RT: 20.67 min Scan# 2956

Delta R.T. 0.00 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

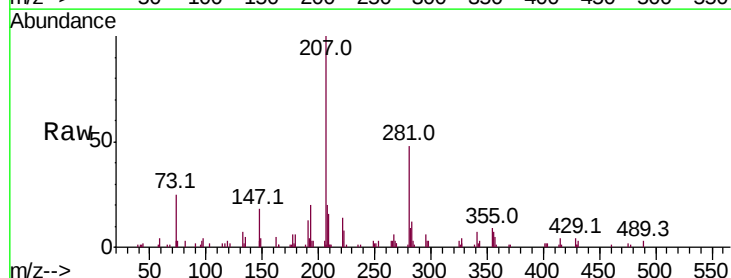
Tgt Ion:149 Resp: 480

Ion Ratio Lower Upper

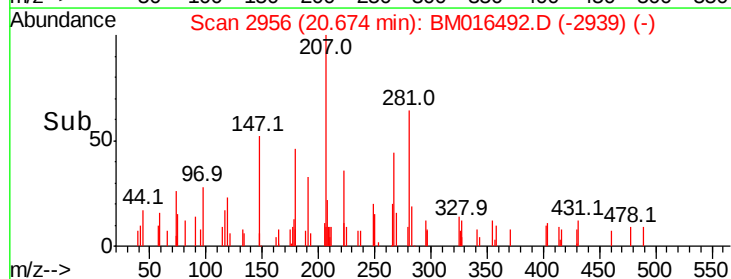
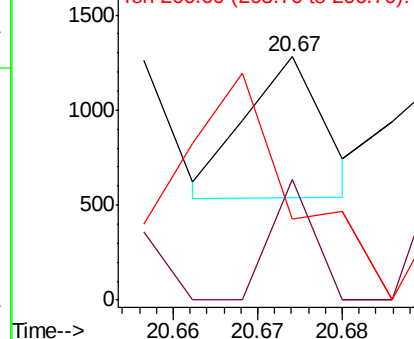
149 100

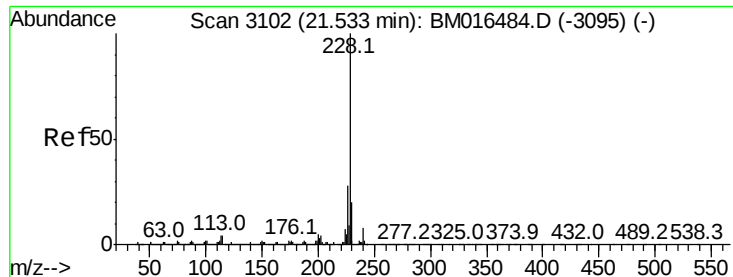
91 49.5 50.1 75.1#

206 33.5 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

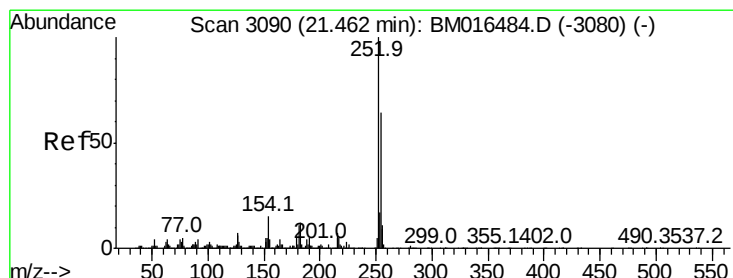
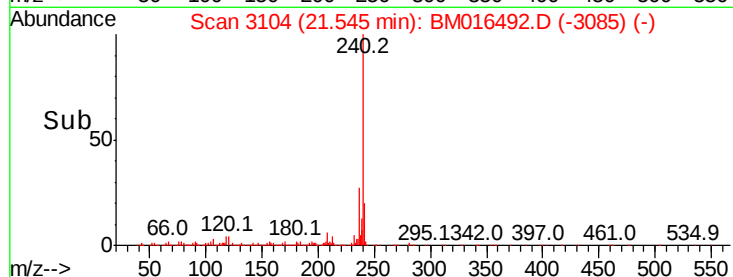
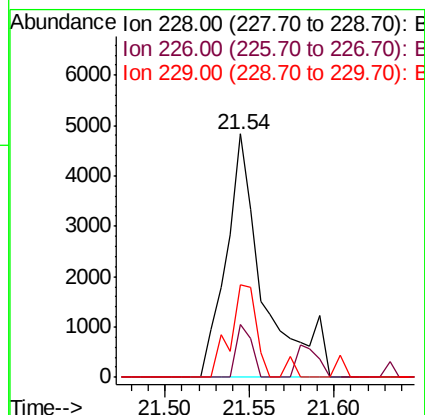
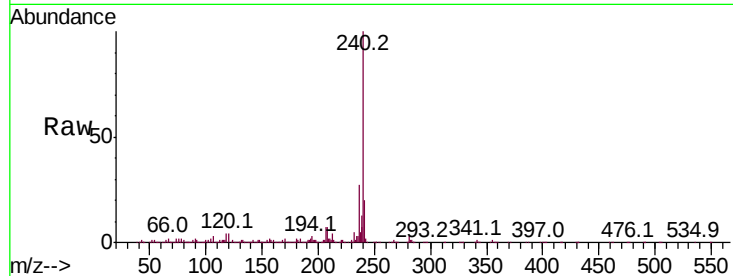




#80
Benzo(a)anthracene
Concen: 0.081 ng
RT: 21.54 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

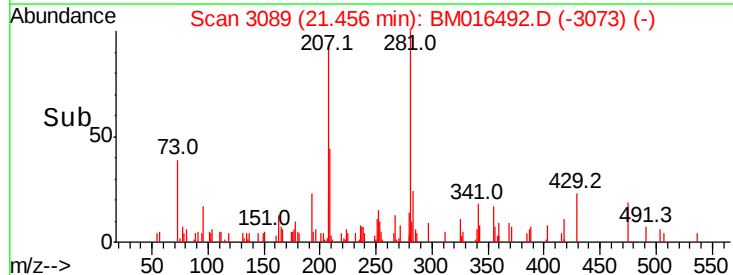
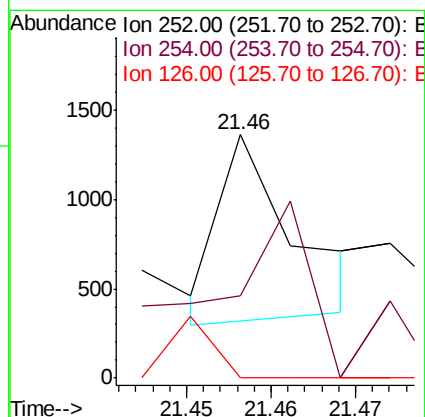
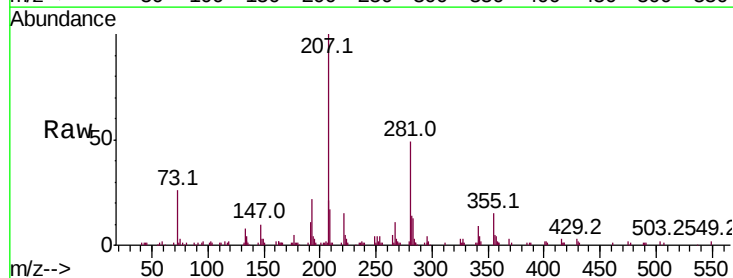
Instrument :
BNA_M
ClientSampleId :

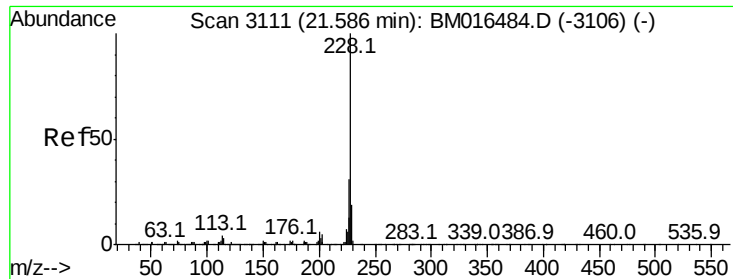
Tot Ion:228 Resp: 7315
Ion Ratio Lower Upper
228 100
226 21.8 21.7 32.5
229 38.1 16.0 24.0#



#81
3,3'-Dichlorobenzidine
Concen: 0.016 ng
RT: 21.46 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:252 Resp: 642
Ion Ratio Lower Upper
252 100
254 33.9 51.9 77.9#
126 0.0 9.8 14.8#

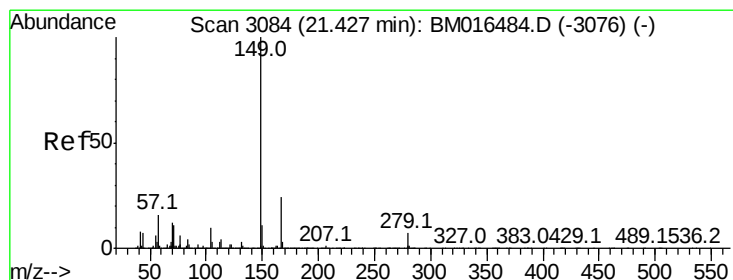
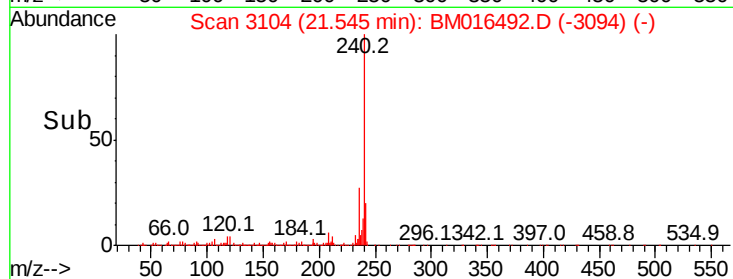
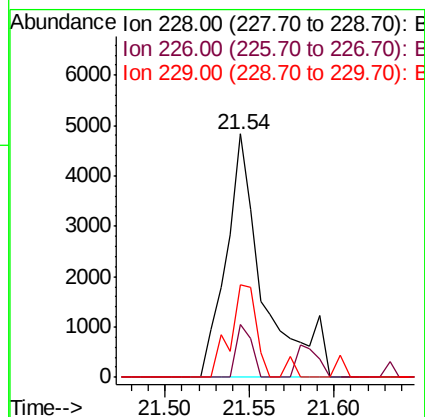
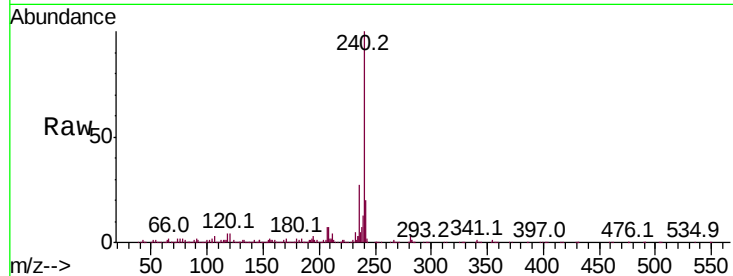




#82
Chrysene
Concen: 0.085 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.04 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

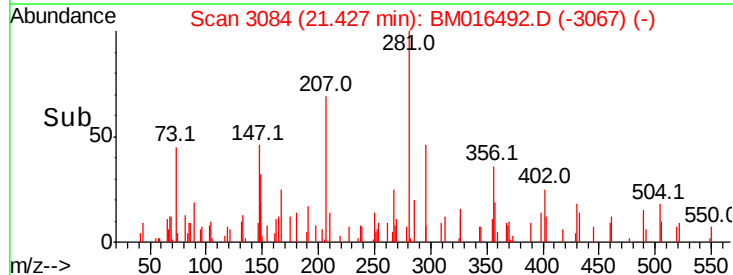
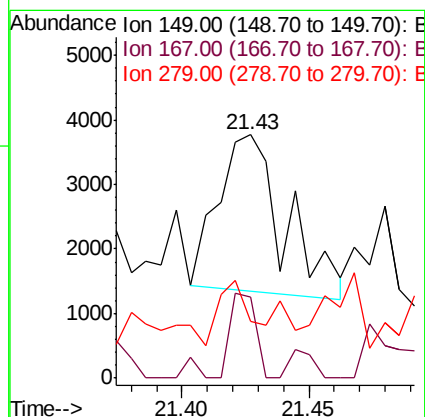
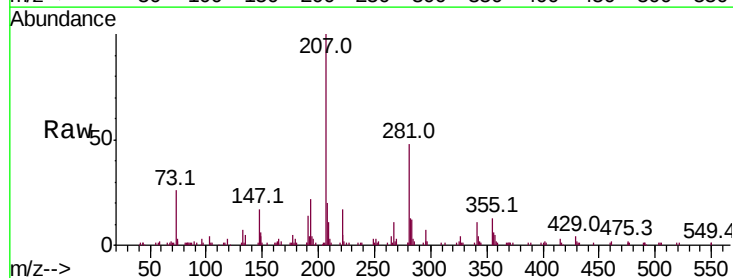
Instrument :
BNA_M
ClientSampleId :

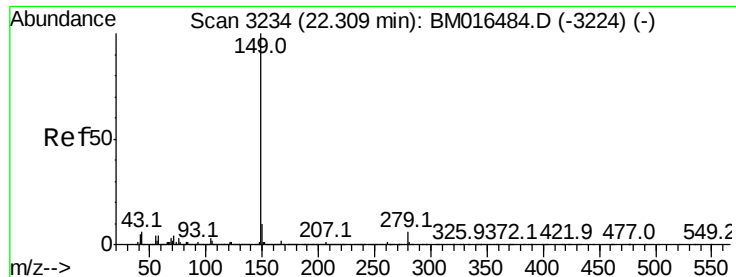
Tot Ion:228 Resp: 7315
Ion Ratio Lower Upper
228 100
226 21.8 24.1 36.1#
229 38.1 15.5 23.3#



#83
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.43 min Scan# 3084
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:149 Resp: 4372
Ion Ratio Lower Upper
149 100
167 33.4 22.4 33.6
279 23.5 3.4 5.0#

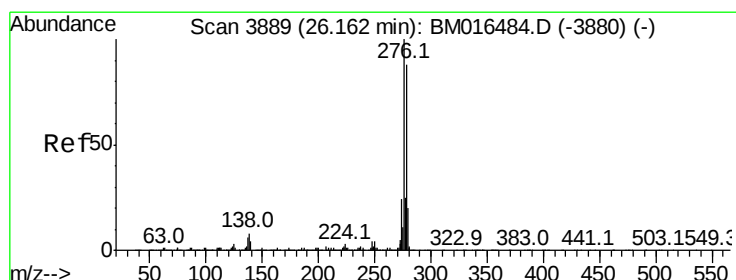
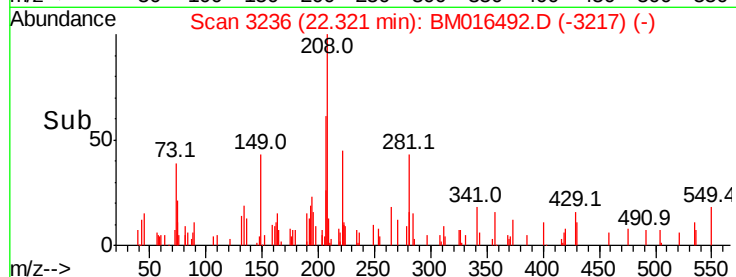
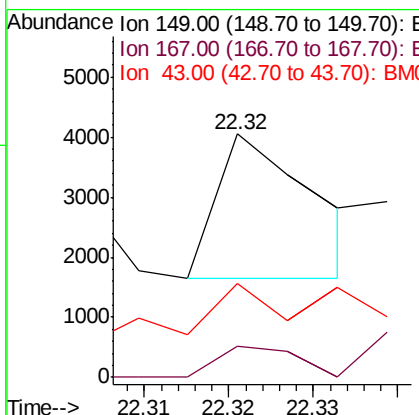
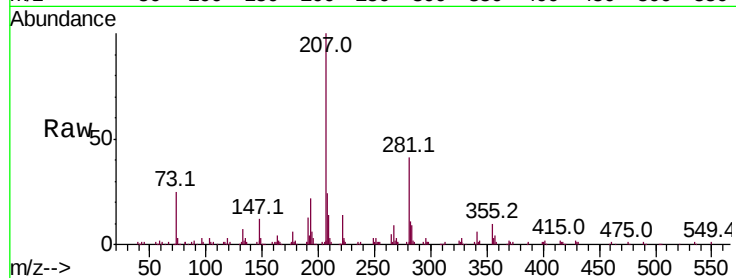




#84
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 22.32 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

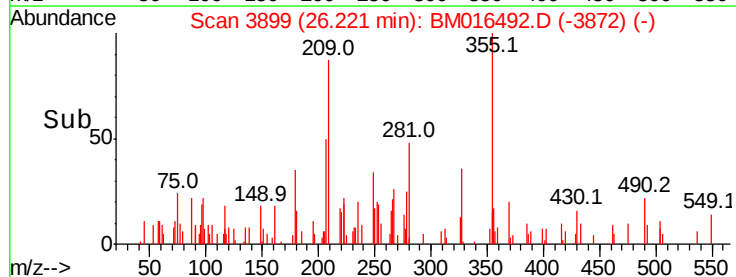
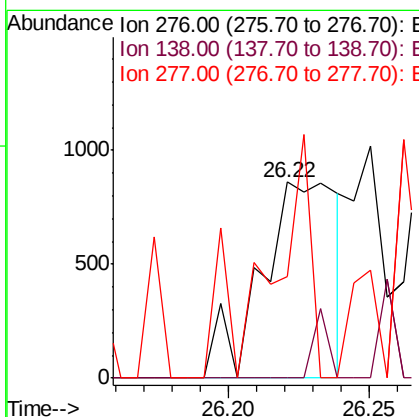
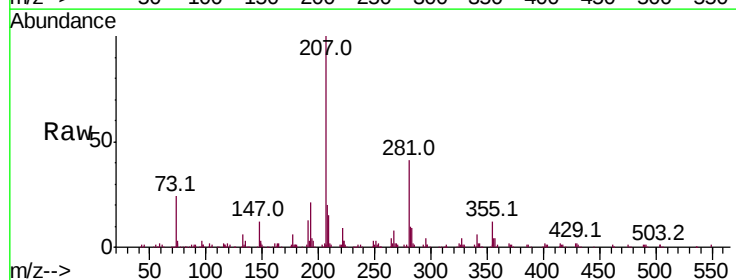
Instrument :
BNA_M
ClientSampleId :

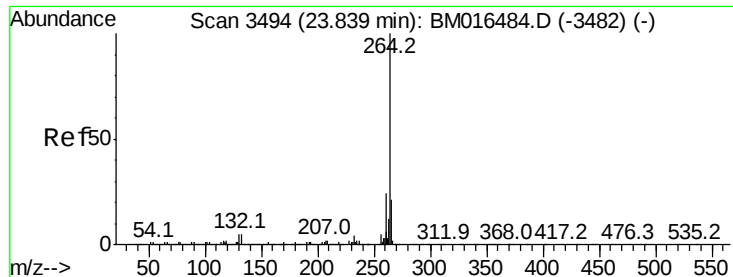
Tot Ion:149 Resp: 1871
Ion Ratio Lower Upper
149 100
167 17.7 1.2 1.8#
43 76.9 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.013 ng
RT: 26.22 min Scan# 3899
Delta R.T. 0.06 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:276 Resp: 1621
Ion Ratio Lower Upper
276 100
138 6.7 12.0 18.0#
277 53.0 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

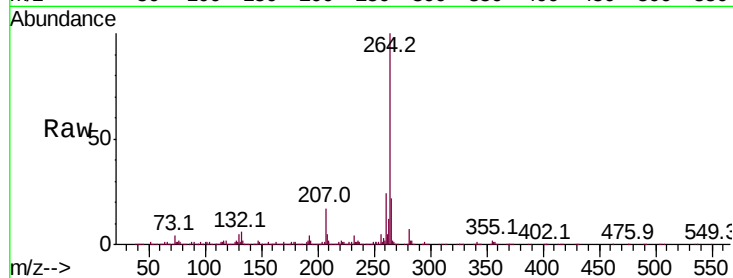
Tot Ion:264 Resp: 1772422

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.8	17.3	25.9

264 100

260 23.8 18.6 27.8

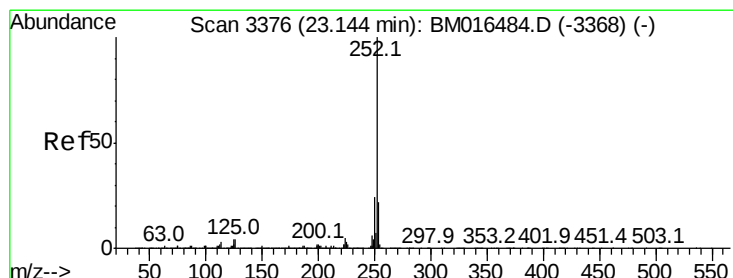
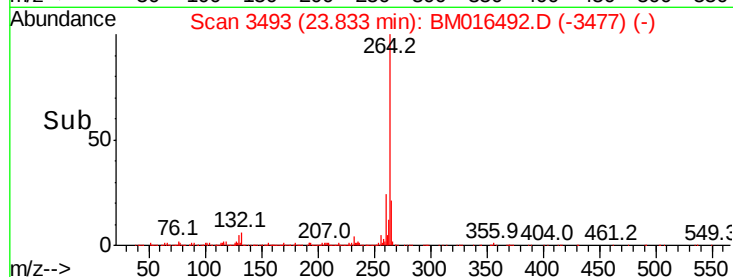
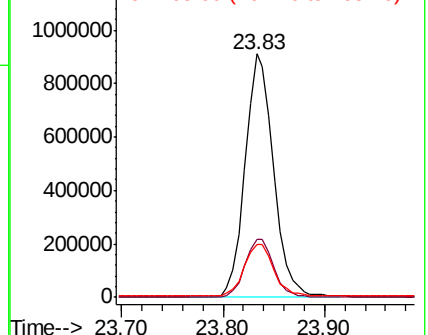
265 21.8 17.3 25.9



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



#87

Benzo(b)fluoranthene

Concen: 0.012 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

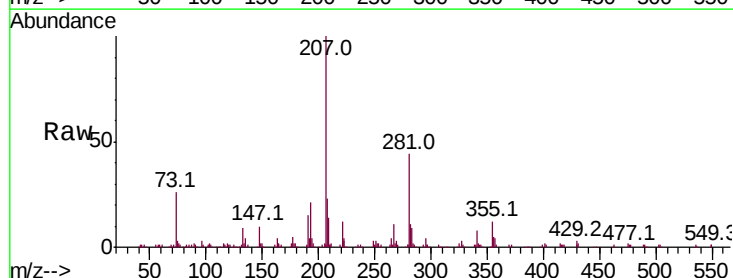
Tgt Ion:252 Resp: 1230

Ion	Ratio	Lower	Upper
252	100		
253	119.5	18.0	27.0#
125	51.9	9.9	14.9#

252 100

253 119.5 18.0 27.0#

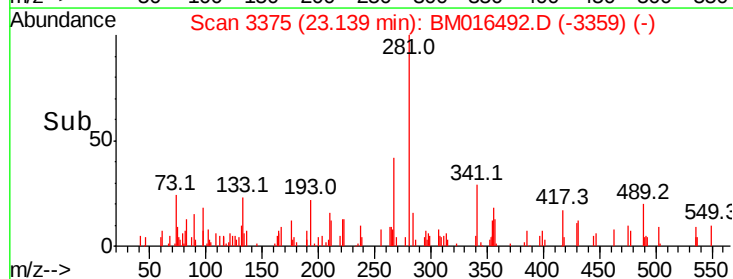
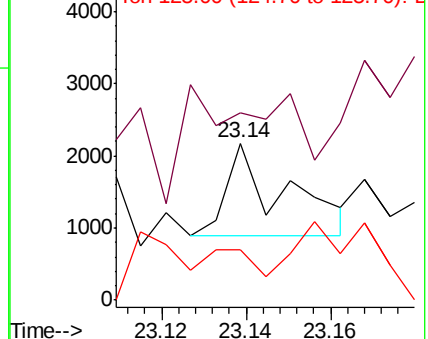
125 51.9 9.9 14.9#

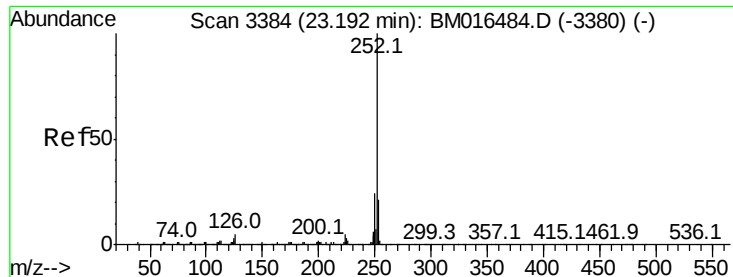


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

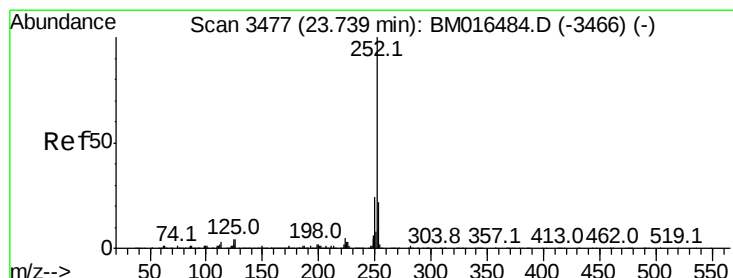
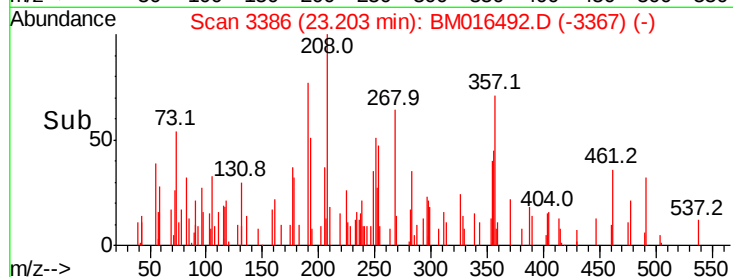
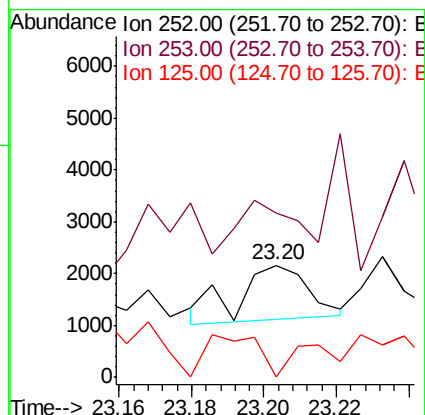
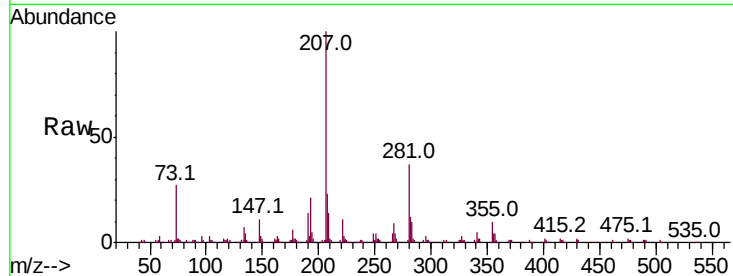




#88
Benzo(k)fluoranthene
Concen: 0.014 ng
RT: 23.20 min Scan# 3386
Delta R.T. 0.01 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

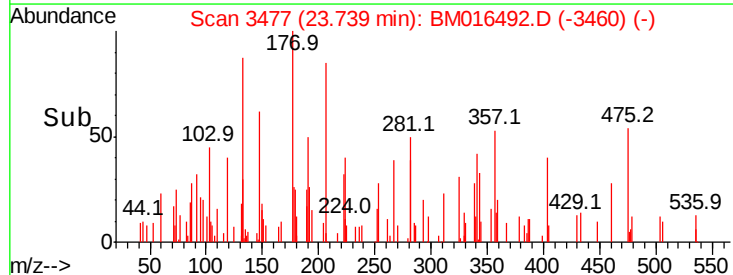
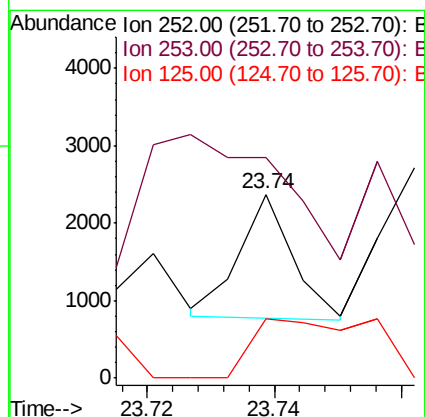
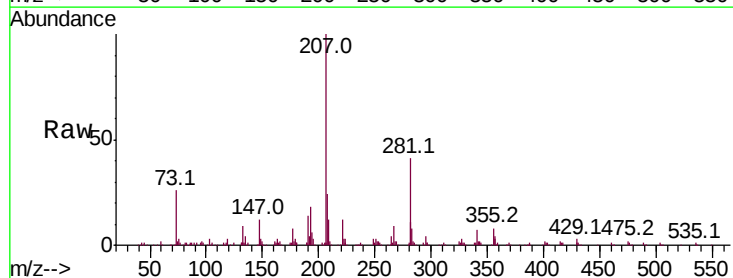
Instrument :
BNA_M
ClientSampleId :

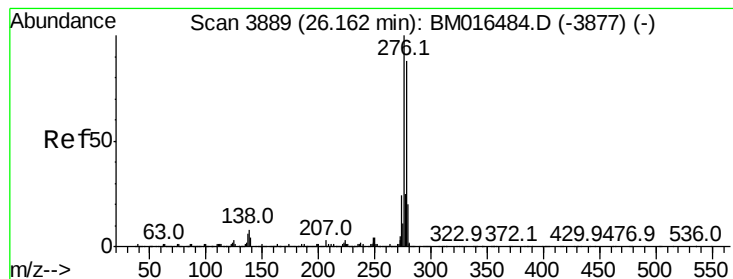
Tot Ion:252 Resp: 1407
Ion Ratio Lower Upper
252 100
253 146.8 17.2 25.8#
125 0.0 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.009 ng
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM016492.D
Acq: 21 Aug 2018 20:17

Tgt Ion:252 Resp: 922
Ion Ratio Lower Upper
252 100
253 120.2 17.6 26.4#
125 32.6 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.18 min Scan# 3892

Delta R.T. 0.02 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

Instrument :

BNA_M

ClientSampleId :

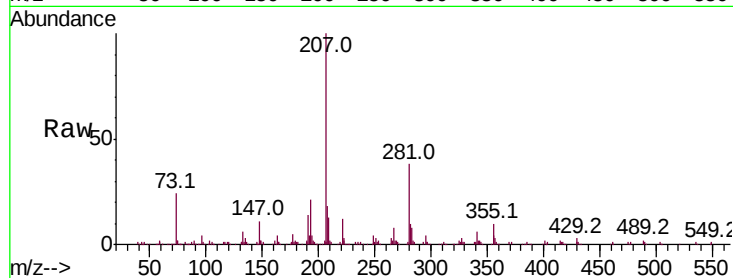
Tot Ion:278 Resp: 328

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

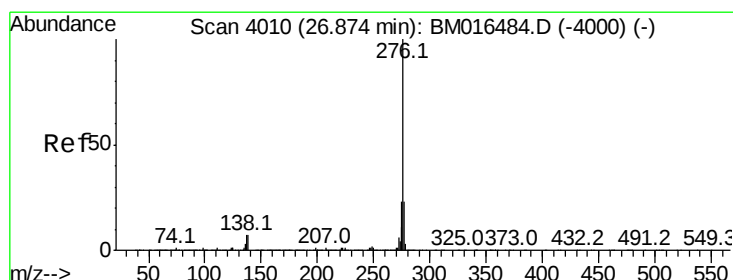
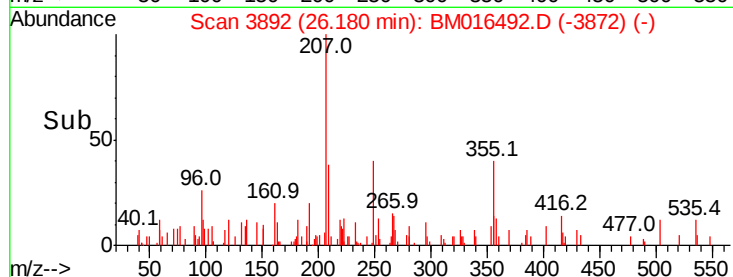
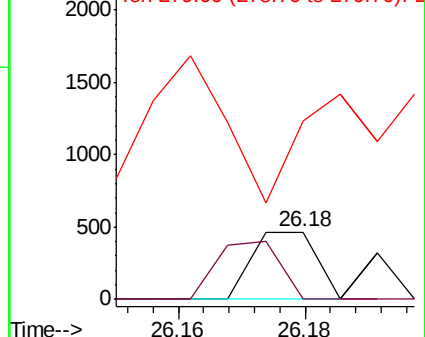
279 264.9 19.0 28.4#



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



#91

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 26.83 min Scan# 4002

Delta R.T. -0.05 min

Lab File: BM016492.D

Acq: 21 Aug 2018 20:17

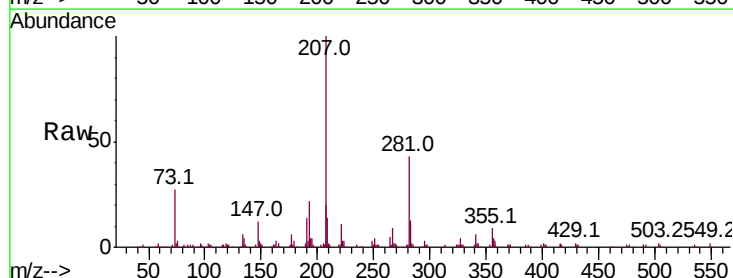
Tgt Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#



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

