

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016491.D
 Acq On : 21 Aug 2018 19:41
 Operator : SJ/JU
 Sample : PB112017BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 21 23:23:14 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	184115	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	629139	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	417705	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1236060	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1441231	20.00	ng	0.00
86) Perylene-d12	23.83	264	1616414	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1319753	140.46	ng	0.00
7) Phenol-d6	7.20	99	1619339	130.24	ng	0.00
23) Nitrobenzene-d5	9.20	82	1255158	91.09	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1693458	145.03	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3930367	90.45	ng	0.00
78) Terphenyl-d14	20.00	244	8903637	130.76	ng	0.00

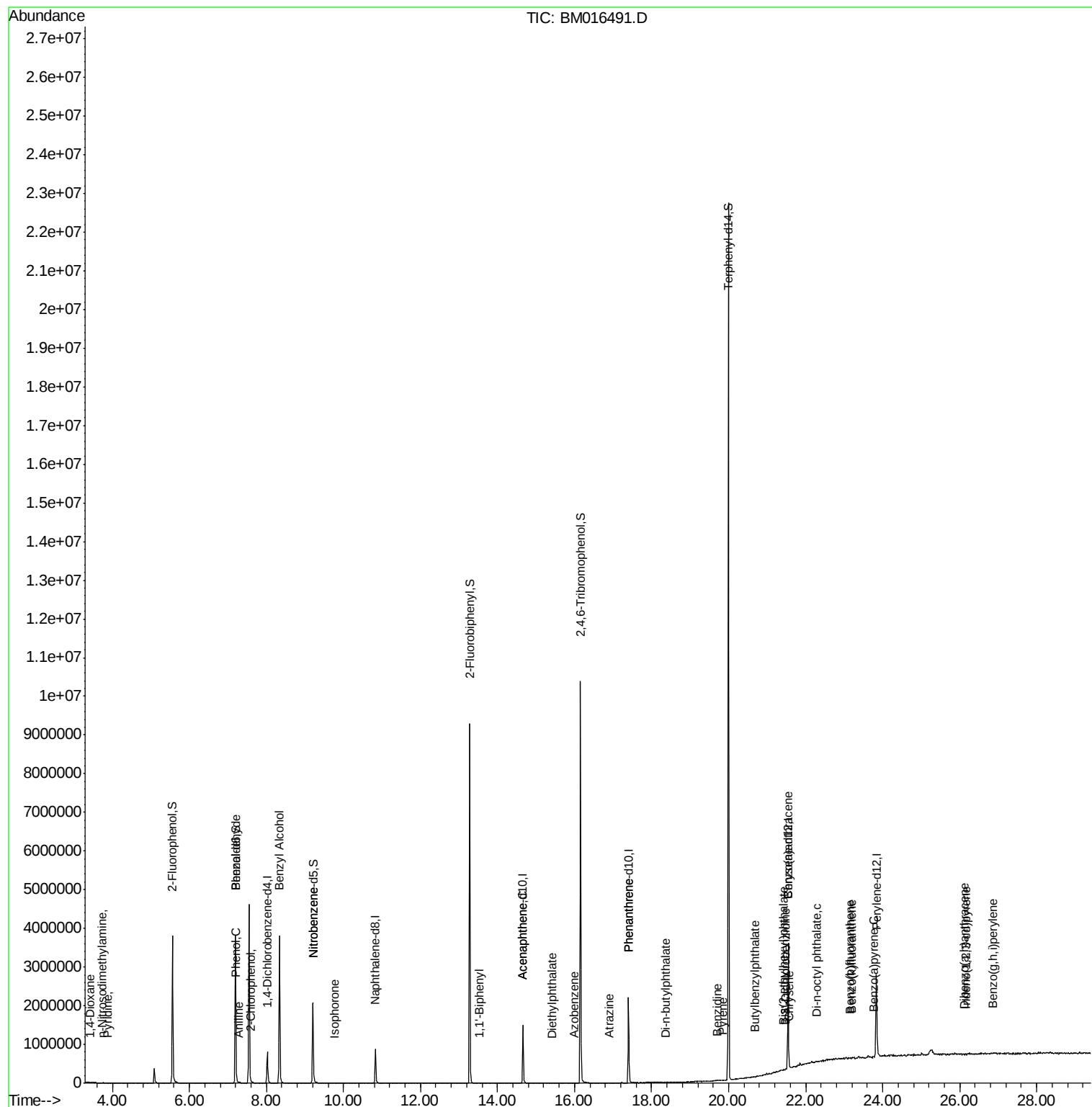
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	211	0.041	ng	# 100
3) Pyridine	3.87	79	150	0.014	ng	# 26
4) n-Nitrosodimethylamine	3.73	42	416	0.086	ng	# 1
6) Aniline	7.29	93	108	0.008	ng	# 1
8) 2-Chlorophenol	7.59	128	122	0.011	ng	# 1
9) Benzaldehyde	7.20	77	6402	0.742	ng	# 2
10) Phenol	7.22	94	125	0.010	ng	# 1
15) Benzyl Alcohol	8.34	79	27109	2.348	ng	# 22
24) Nitrobenzene	9.20	77	9285	0.674	ng	# 48
25) Isophorone	9.76	82	156	0.008	ng	# 62
45) 1,1'-Biphenyl	13.53	154	3127	0.085	ng	# 87
51) Acenaphthene	14.67	154	1878	0.073	ng	# 5
59) Diethylphthalate	15.42	149	146	0.003	ng	# 58
62) Azobenzene	15.97	77	144	0.003	ng	# 50
68) Atrazine	16.90	200	107	0.007	ng	# 37
70) Phenanthrene	17.40	178	474	0.007	ng	# 63
73) Di-n-butylphthalate	18.35	149	636	0.009	ng	# 78
76) Benzidine	19.70	184	5881	0.212	ng	# 78
77) Pvrene	19.85	202	392	0.005	ng	# 57
79) Butylbenzylphthalate	20.69	149	1298	0.048	ng	# 36
80) Benzo(a)anthracene	21.54	228	5946	0.070	ng	# 68
81) 3,3'-Dichlorobenzidine	21.47	252	807	0.021	ng	# 26
82) Chrysene	21.59	228	336	0.004	ng	# 27
83) Bis(2-ethylhexyl)phthalate	21.42	149	1548	0.039	ng	# 35
84) Di-n-octyl phthalate	22.29	149	1101	0.016	ng	# 1
85) Indeno(1,2,3-cd)pyrene	26.17	276	115	0.001	ng	# 1
87) Benzo(b)fluoranthene	23.13	252	456	0.005	ng	# 1
88) Benzo(k)fluoranthene	23.19	252	2823	0.030	ng	# 1
89) Benzo(a)pyrene	23.76	252	3190	0.035	ng	# 1
90) Dibenzo(a,h)anthracene	26.11	278	143	0.001	ng	# 1
91) Benzo(g,h,i)perylene	26.87	276	148	0.002	ng	# 52

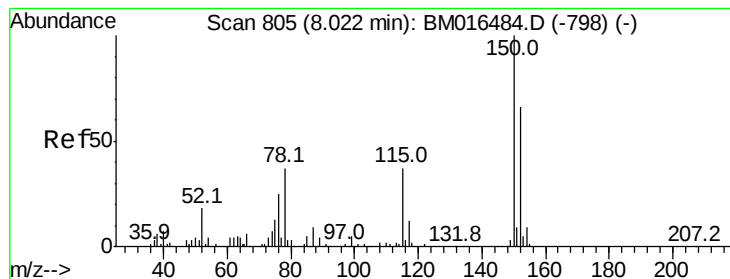
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016491.D
Acq On : 21 Aug 2018 19:41
Operator : SJ/JU
Sample : PB112017BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 21 23:23:14 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



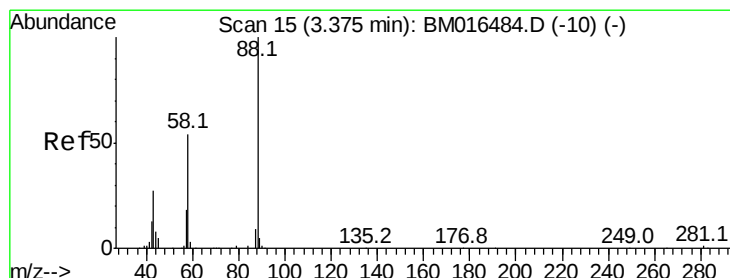
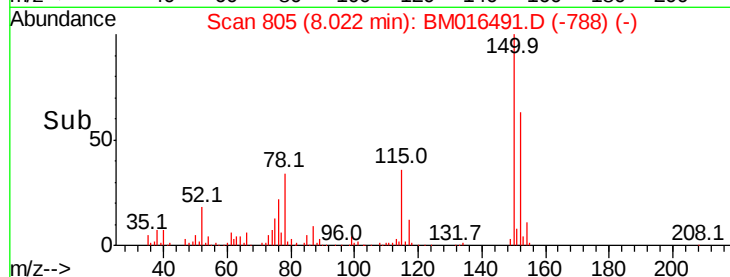
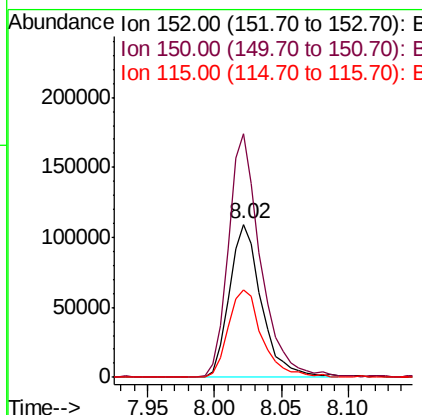
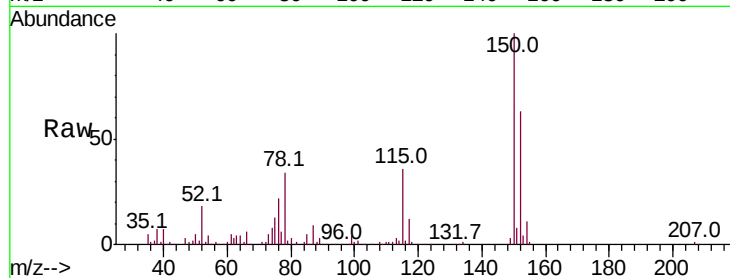


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Instrument :
BNA_M
ClientSampleId :

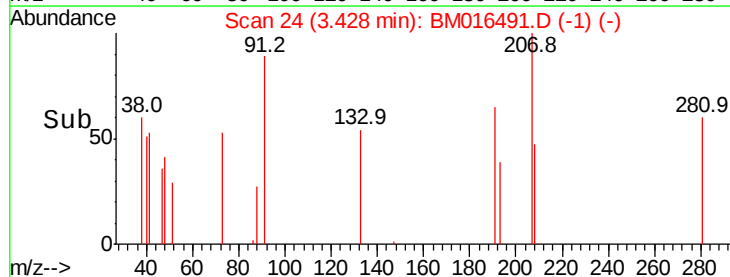
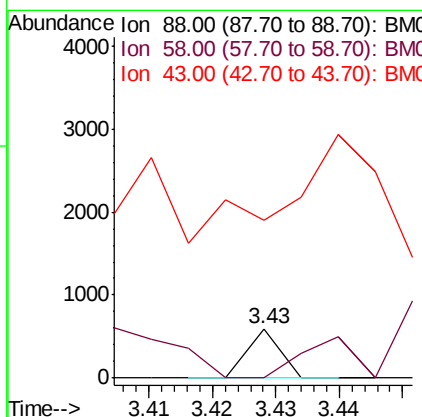
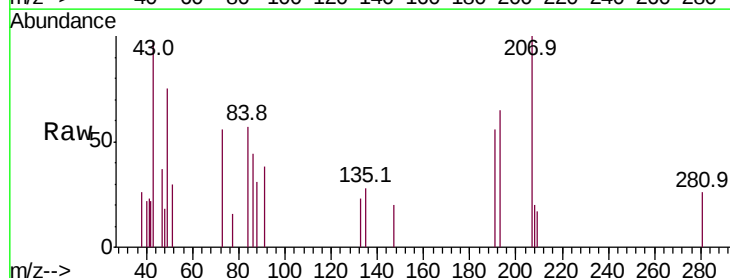
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	119.5	179.3
115	57.3	43.0	64.4

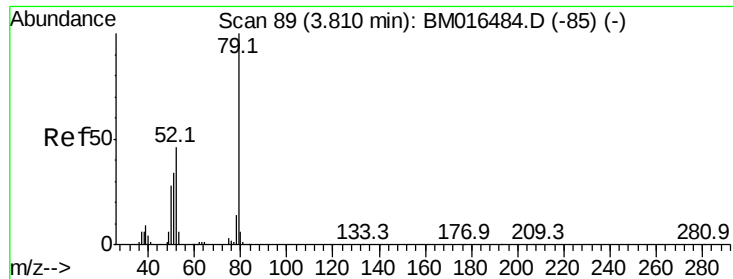


#2

1,4-Dioxane
Concen: 0.041 ng
RT: 3.43 min Scan# 24
Delta R.T. 0.05 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	542.2	0.0	0.0

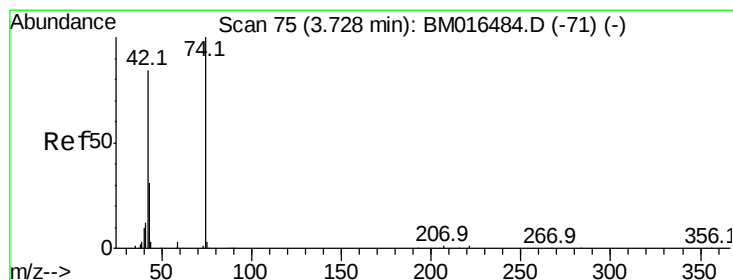
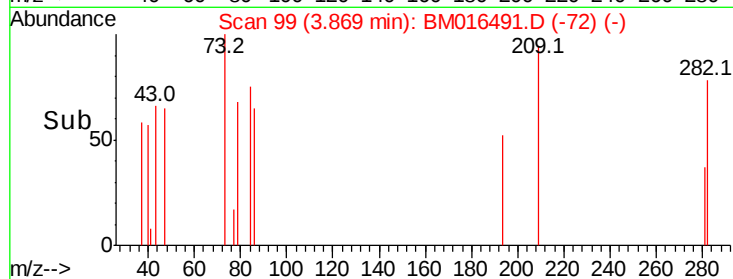
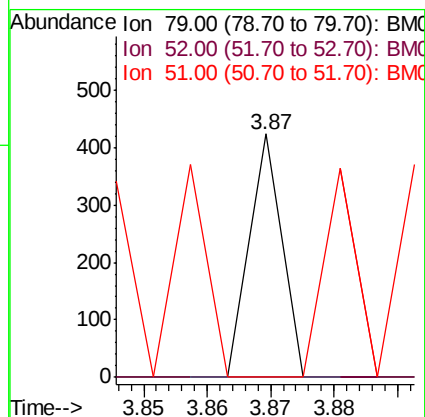
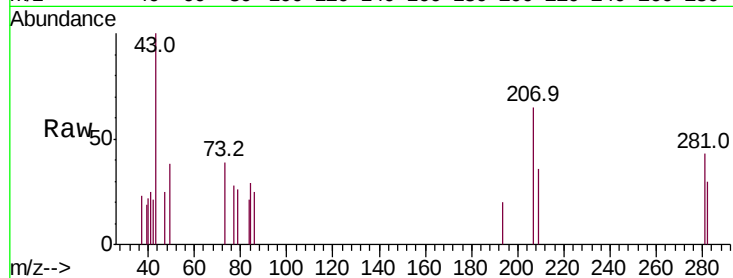




#3
 Pvridine
 Concen: 0.014 ng
 RT: 3.87 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

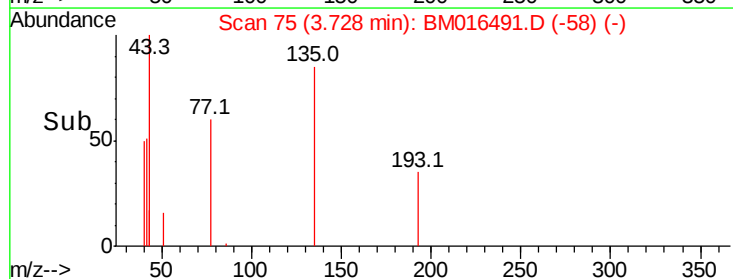
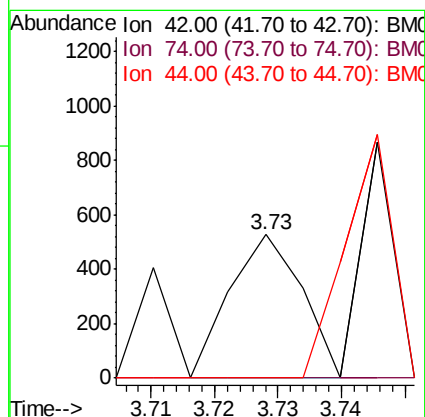
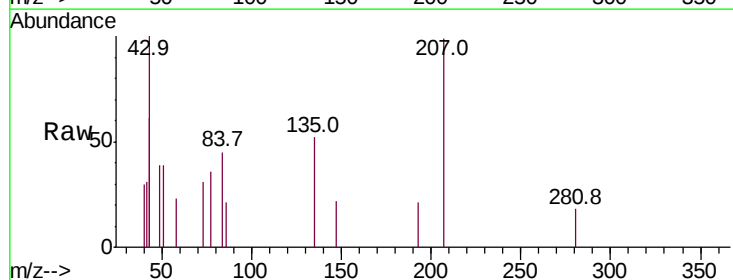
Instrument :
 BNA_M
 ClientSampled :

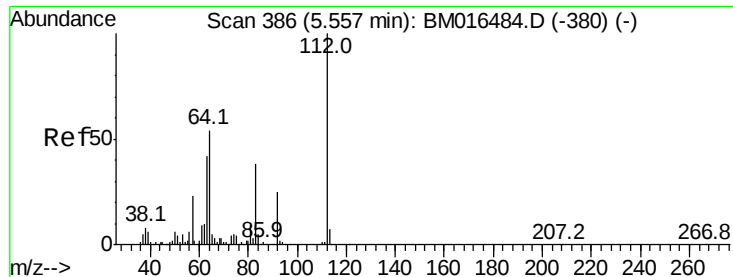
Tot Ion: 79 Resp: 150
 Ion Ratio Lower Upper
 79 100
 52 0.0 51.1 76.7#
 51 0.0 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 0.086 ng
 RT: 3.73 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

Tgt Ion: 42 Resp: 416
 Ion Ratio Lower Upper
 42 100
 74 0.0 119.3 178.9#
 44 0.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 0.086 ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampled :

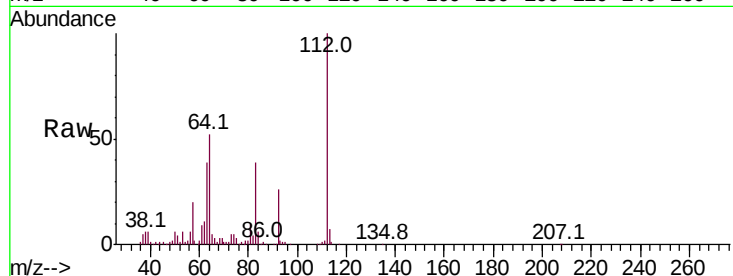
Tot Ion:112 Resp: 1319753

Ion Ratio Lower Upper

112 100

64 52.2 38.6 57.8

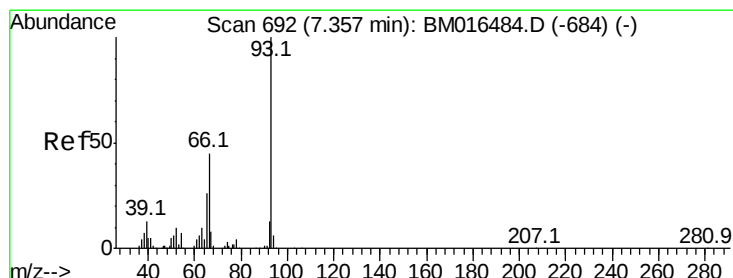
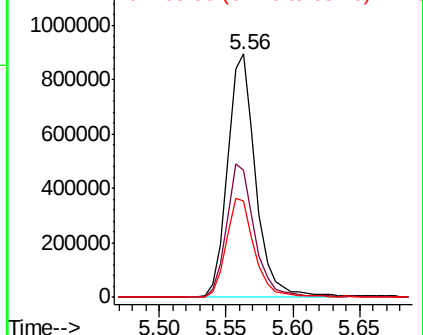
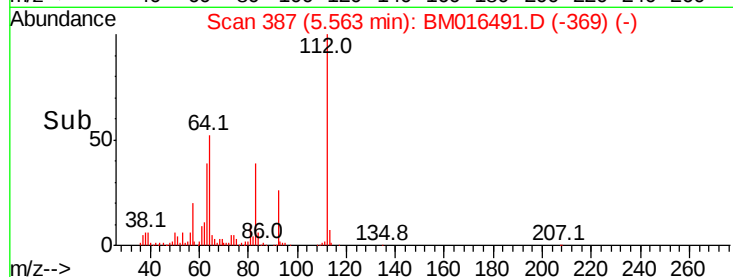
63 39.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.008 ng

RT: 7.29 min Scan# 680

Delta R.T. -0.07 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

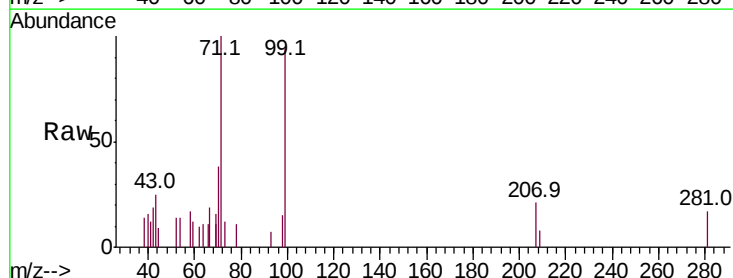
Tgt Ion: 93 Resp: 108

Ion Ratio Lower Upper

93 100

66 398.0 30.8 46.2#

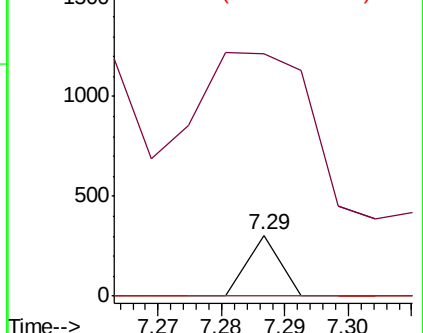
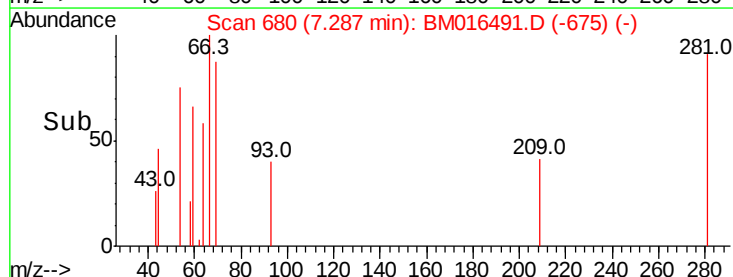
65 0.0 16.0 24.0#

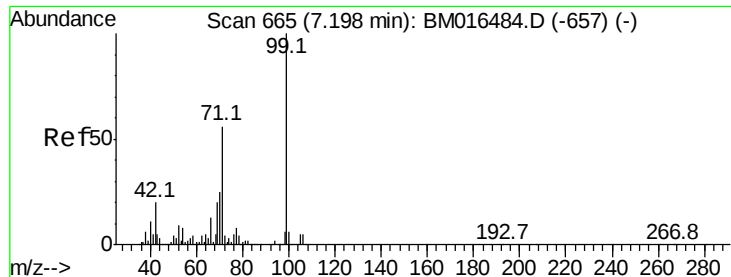


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 0.008 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

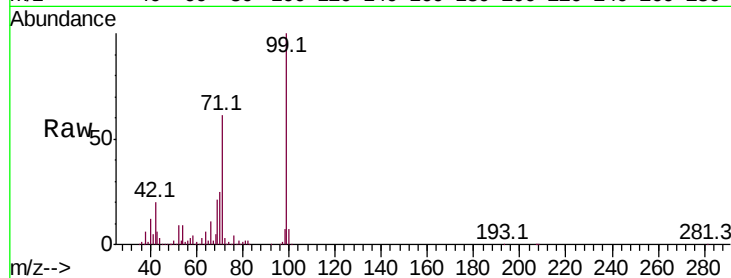
Tot Ion: 99 Resp: 1619339

Ion Ratio Lower Upper

99 100

42 19.9 11.0 16.4#

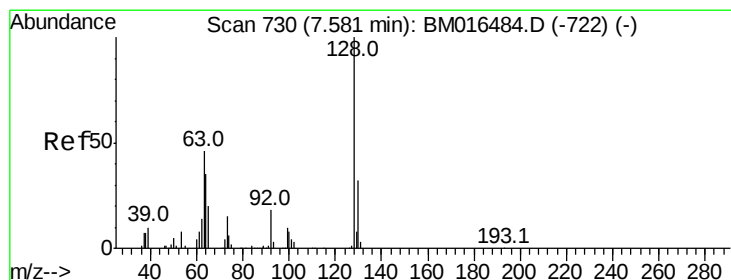
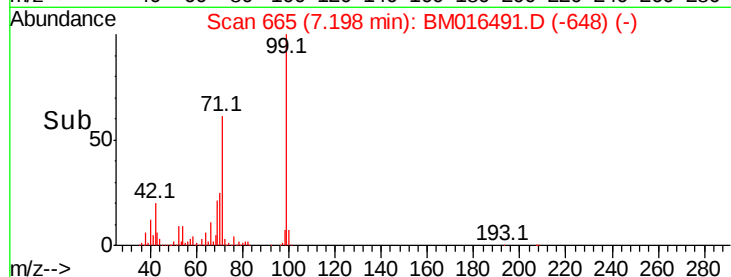
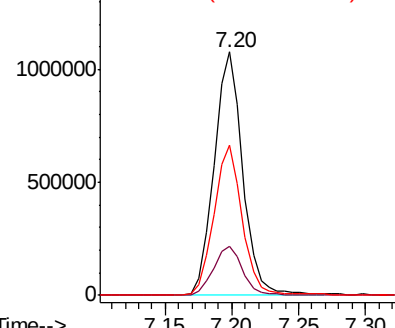
71 61.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 0.011 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

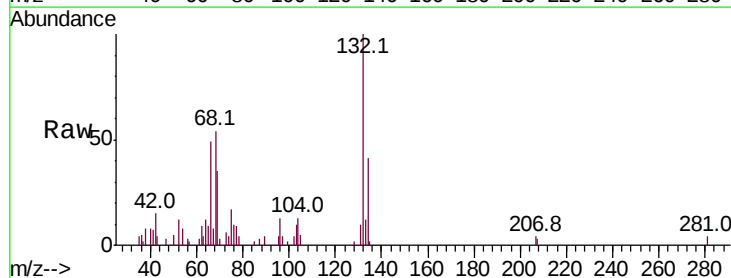
Tgt Ion: 128 Resp: 122

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

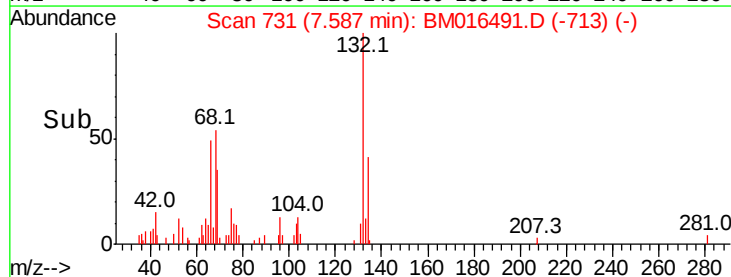
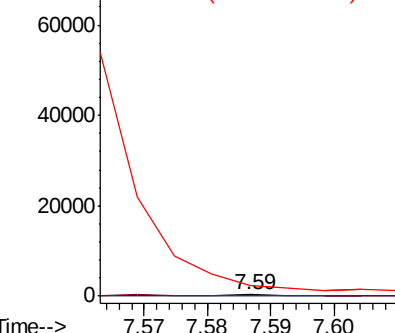
64 660.3 24.9 64.9#

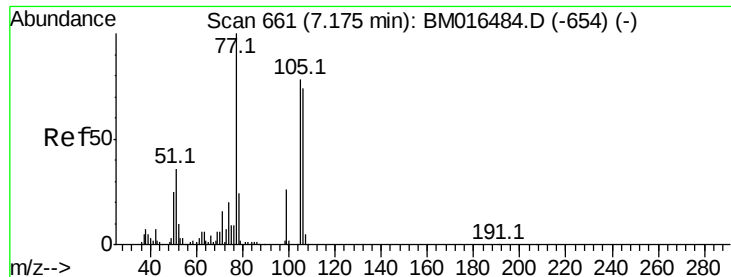


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyd

Concen: 0.742 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.02 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

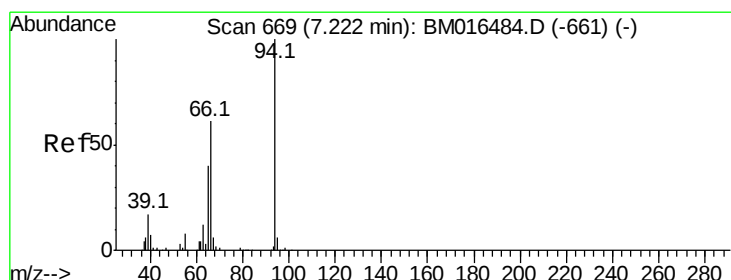
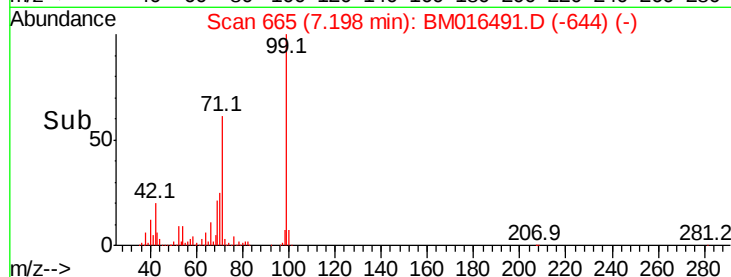
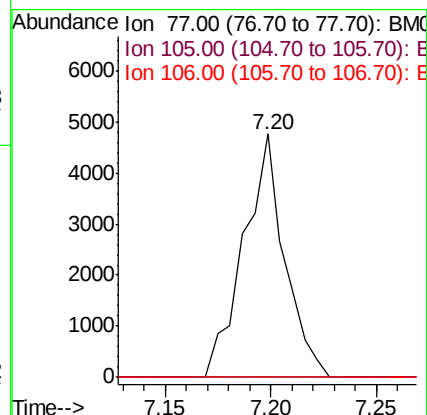
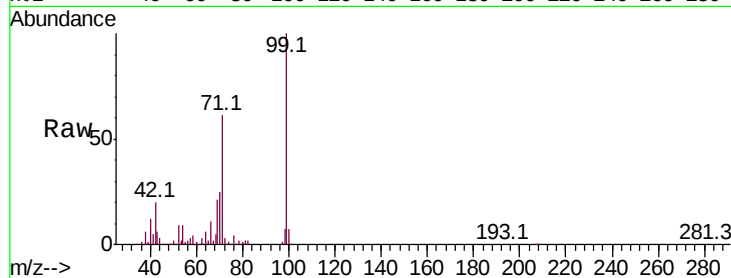
Tot Ion: 77 Resp: 6402

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

106 0.0 73.7 113.7#



#10

Phenol

Concen: 0.010 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

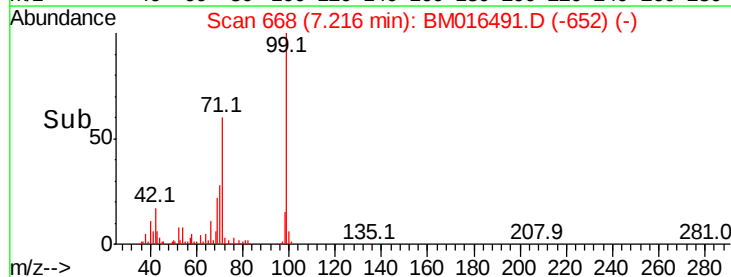
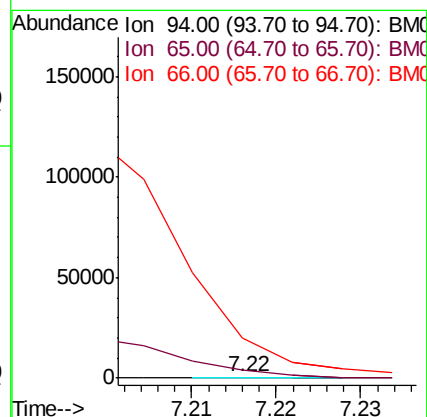
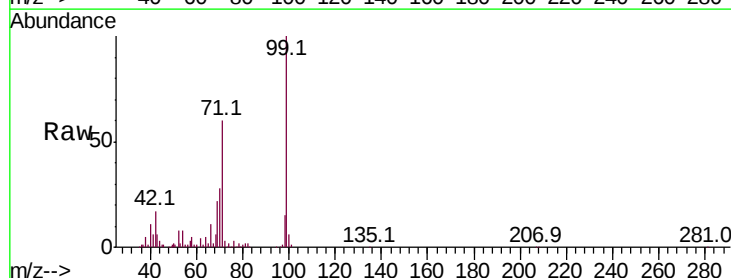
Tgt Ion: 94 Resp: 125

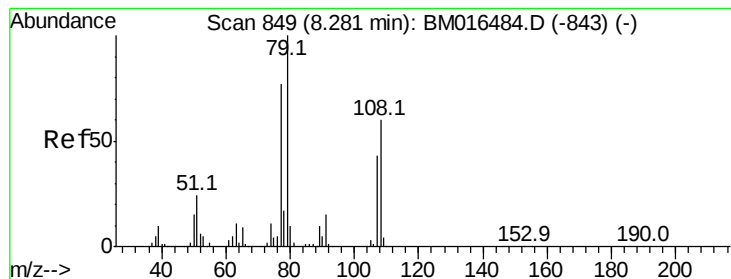
Ion Ratio Lower Upper

94 100

65 1100.8 18.8 58.8#

66 5679.3 39.9 79.9#





#15

Benzyl Alcohol

Concen: 2.348 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.06 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

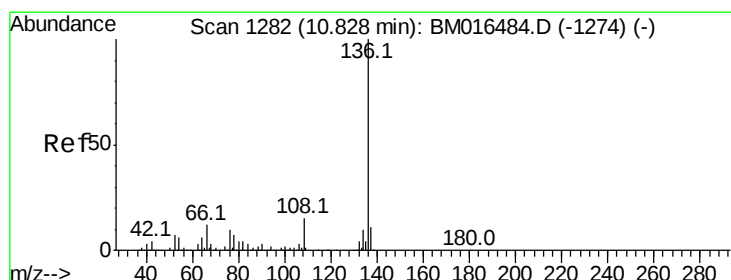
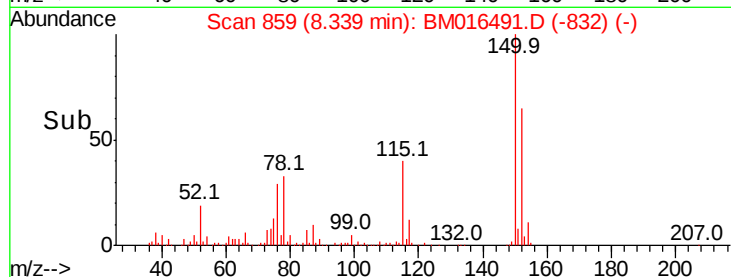
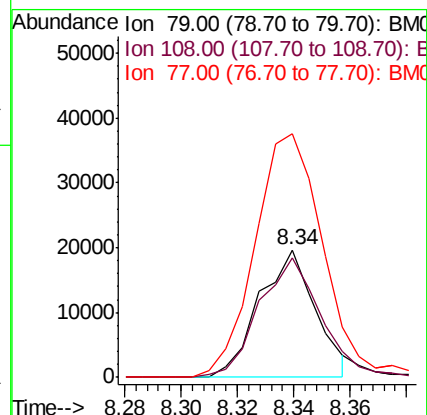
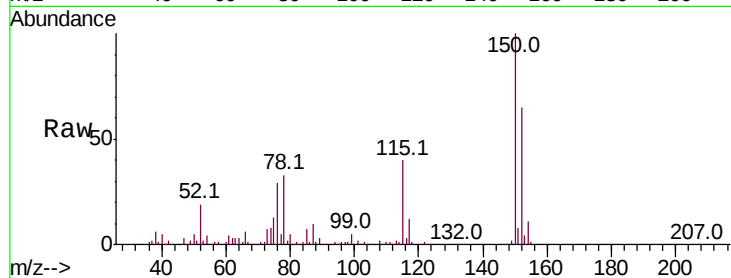
Tot Ion: 79 Resp: 27109

Ion Ratio Lower Upper

79 100

108 93.9 65.0 97.4

77 190.9 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Tgt Ion: 136 Resp: 629139

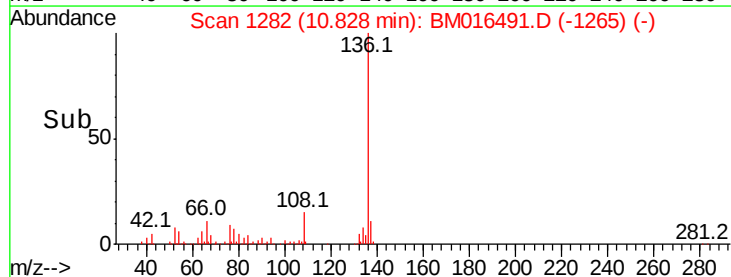
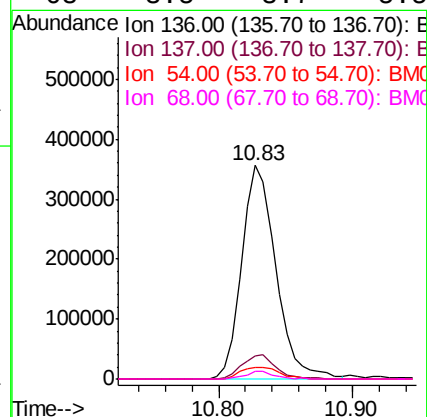
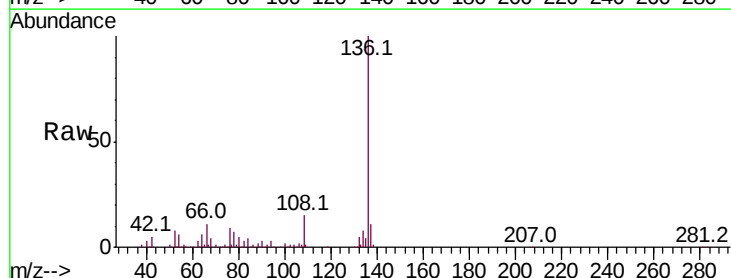
Ion Ratio Lower Upper

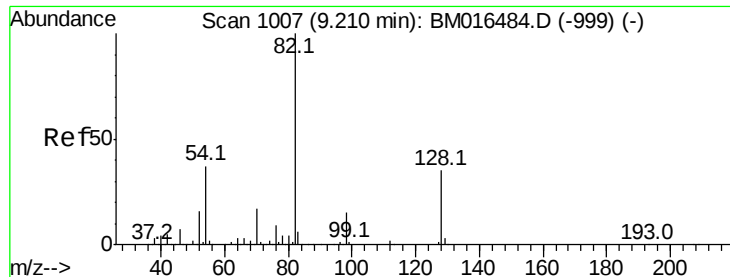
136 100

137 10.8 8.7 13.1

54 5.6 4.6 6.8

68 3.5 3.7 5.5#

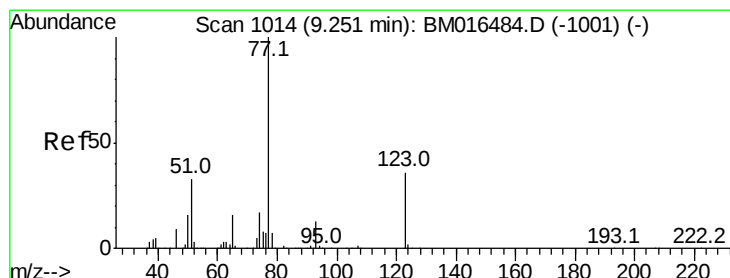
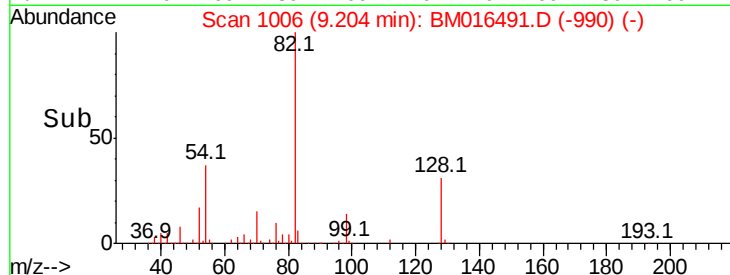
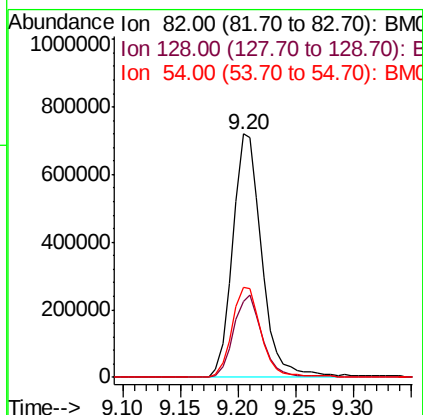
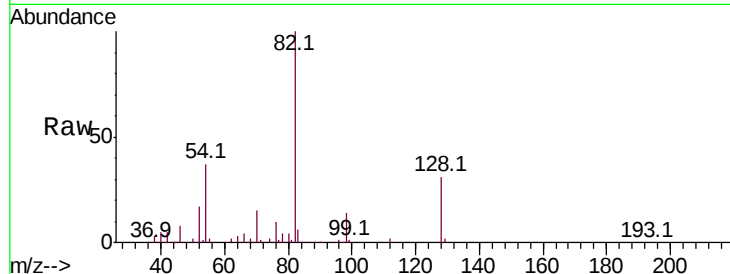




#23
 Nitrobenzene-d5
 Concen: N.D. na
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

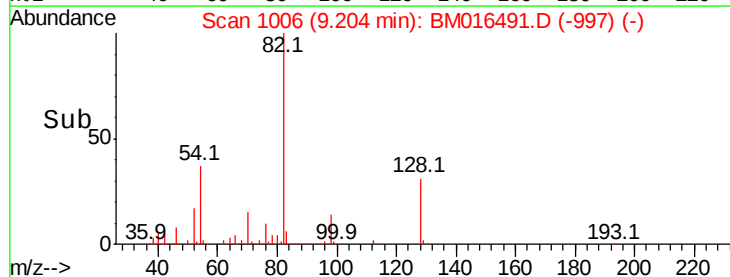
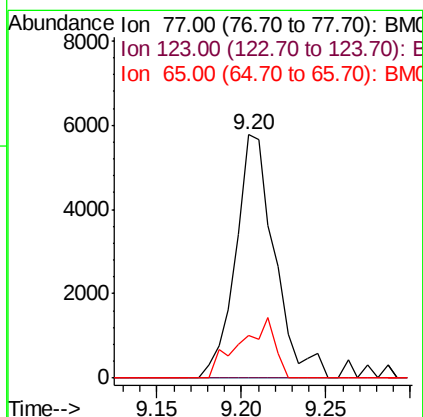
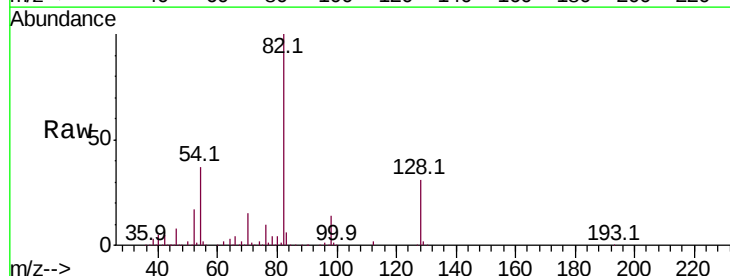
Instrument :
 BNA_M
 ClientSampleId :

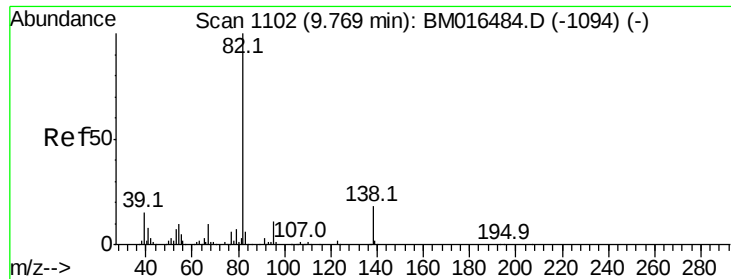
Tot Ion: 82 Resp: 1255158
 Ion Ratio Lower Upper
 82 100
 128 31.0 32.8 49.2#
 54 36.7 40.6 60.8#



#24
 Nitrobenzene
 Concen: 0.674 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

Tgt Ion: 77 Resp: 9285
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 17.6 10.9 16.3#





#25

Isophorone

Concen: 0.008 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

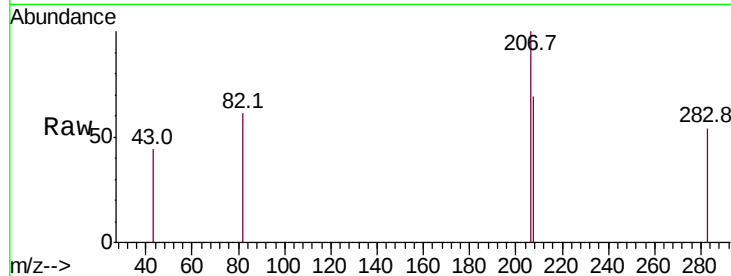
Tot Ion: 82 Resp: 156

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

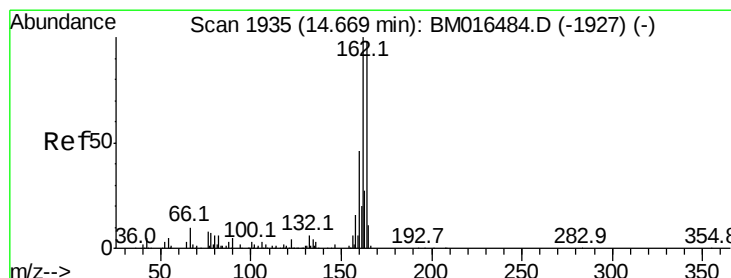
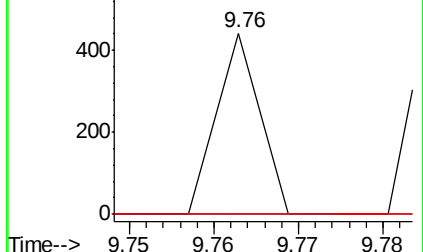
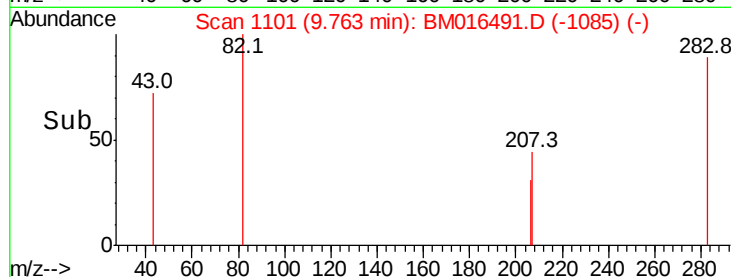
138 0.0 16.3 24.5#



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

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

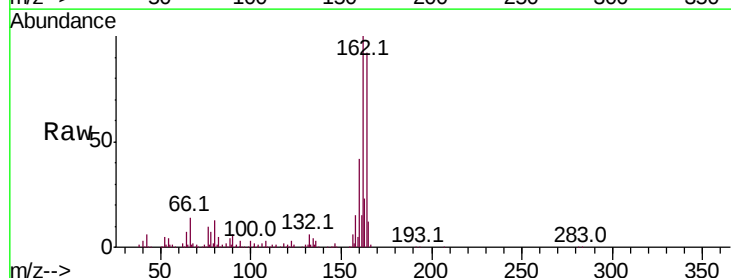
Tgt Ion:164 Resp: 417705

Ion Ratio Lower Upper

164 100

162 108.6 82.4 123.6

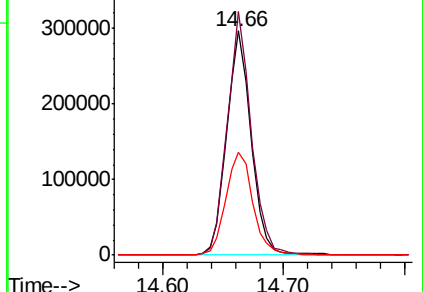
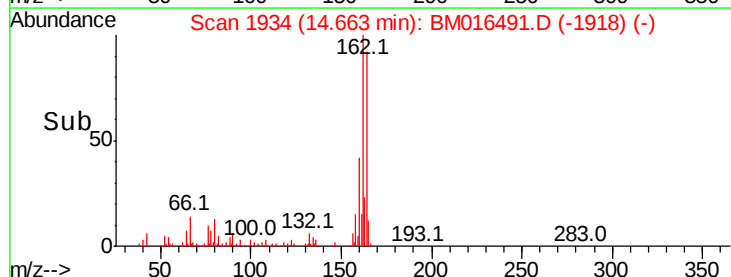
160 46.0 35.8 53.6

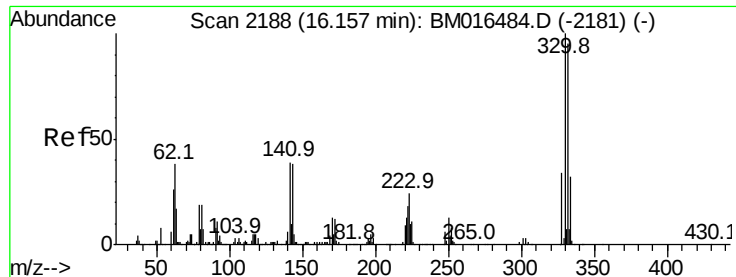


Abundance Ion 164.00 (163.70 to 164.70): BM016484.D (-1927) (-)

Ion 162.00 (161.70 to 162.70): BM016484.D (-1927) (-)

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

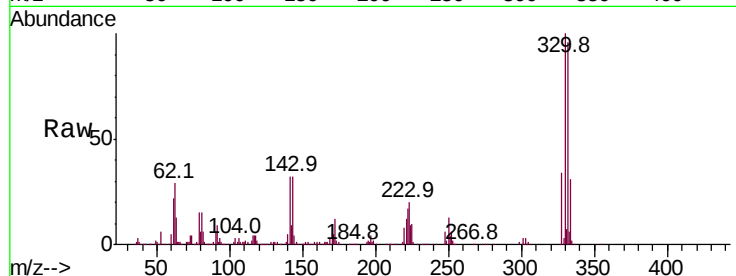




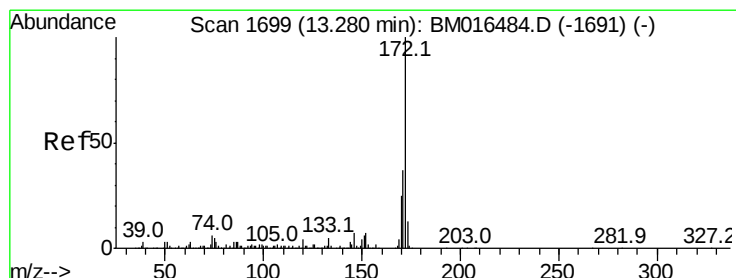
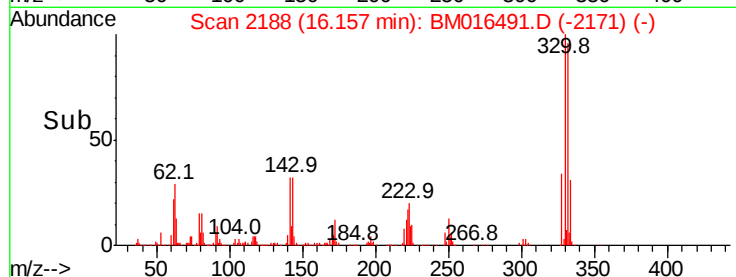
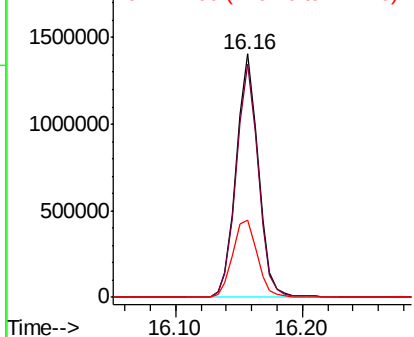
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 1693458
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 35.6 0.0 0.0#

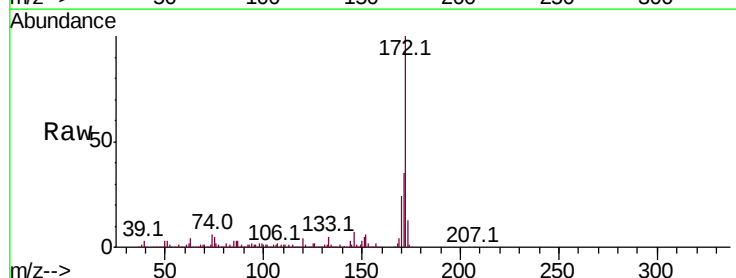


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

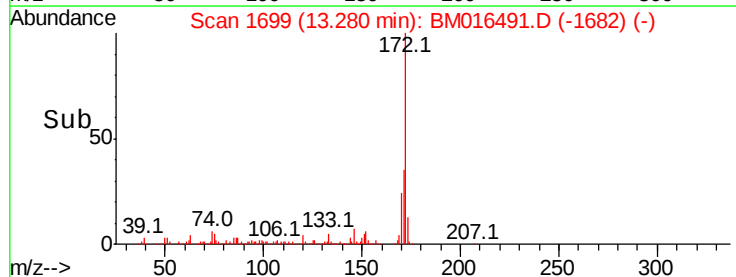
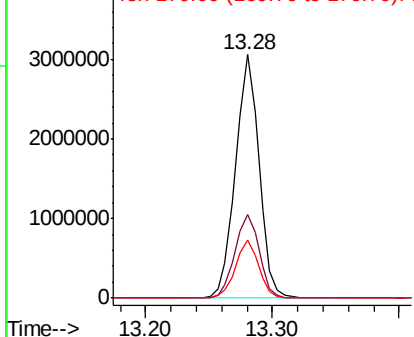


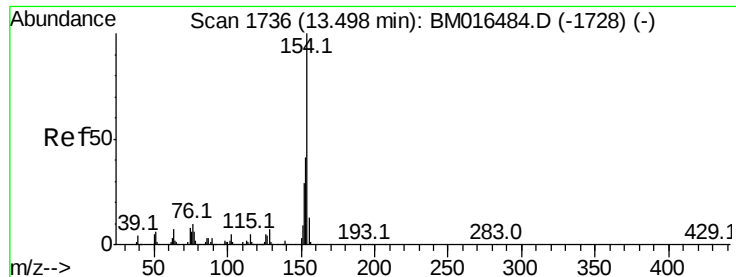
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion:172 Resp: 3930367
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.8 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: 0.085 ng

RT: 13.53 min Scan# 1741

Delta R.T. 0.03 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampled :

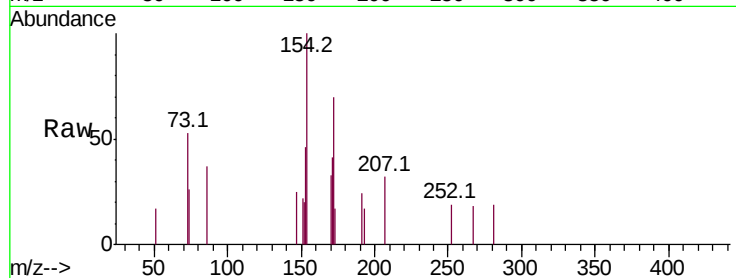
Tot Ion:154 Resp: 3127

Ion Ratio Lower Upper

154 100

153 45.8 20.7 60.7

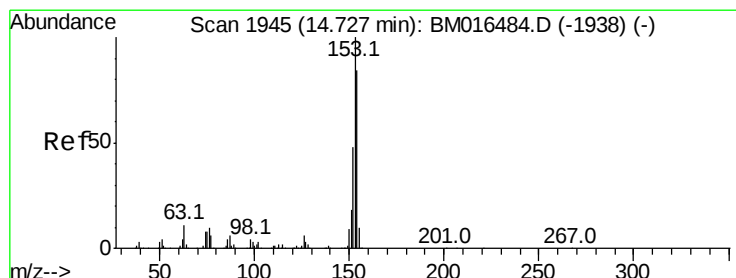
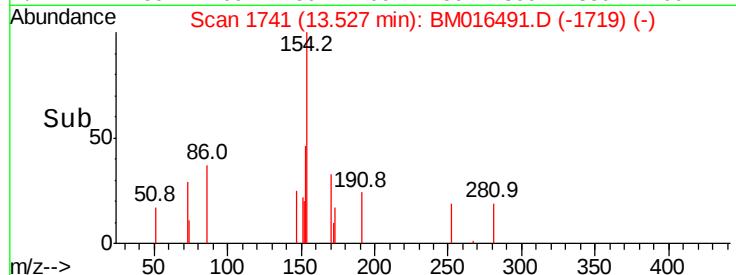
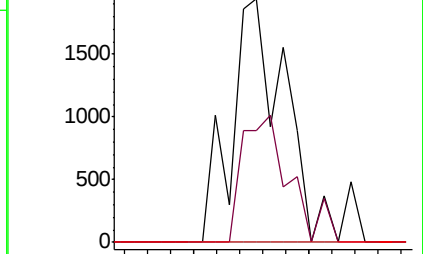
76 0.0 0.0 30.9



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



#51

Acenaphthene

Concen: 0.073 ng

RT: 14.67 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

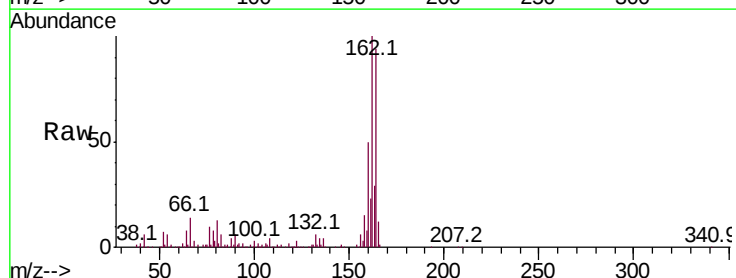
Tgt Ion:154 Resp: 1878

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

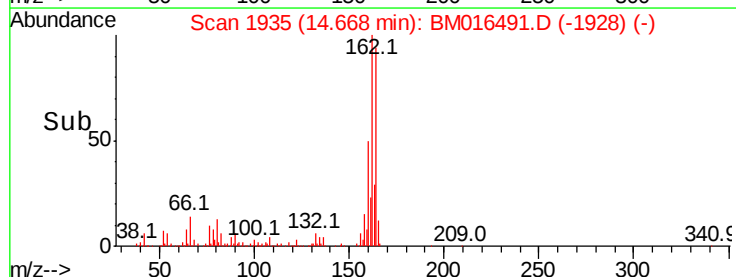
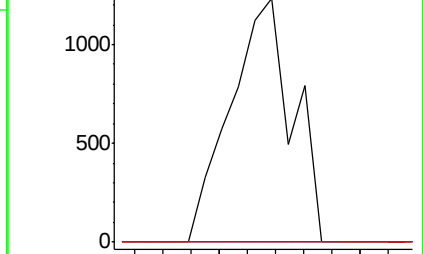
152 0.0 42.6 63.8#

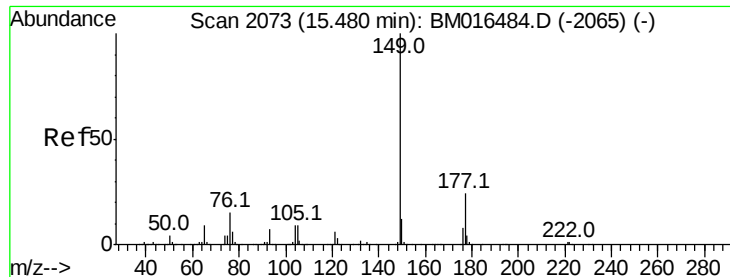


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#59

Diethylphthalate

Concen: 0.003 ng

RT: 15.42 min Scan# 2062

Delta R.T. -0.06 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampled :

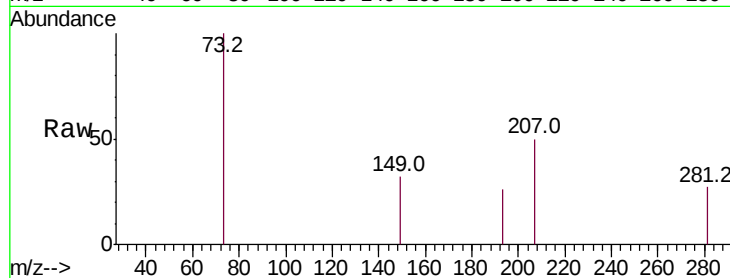
Tot Ion:149 Resp: 146

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

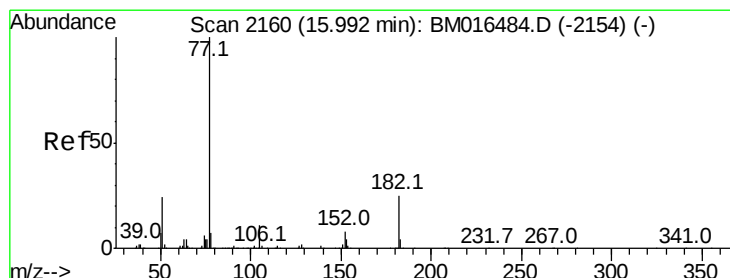
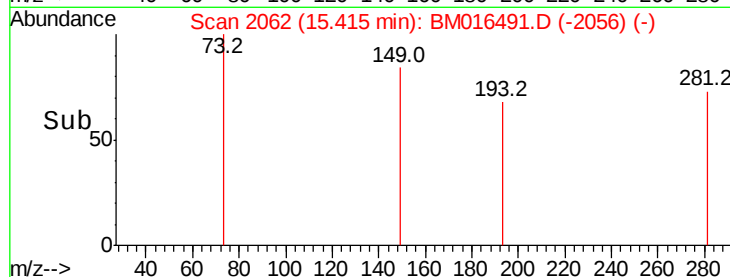
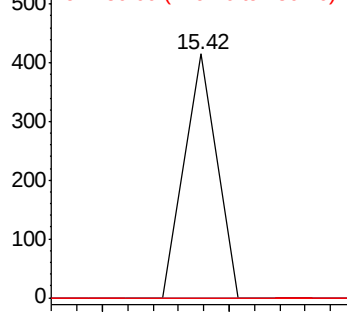
150 0.0 9.8 14.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#62

Azobenzene

Concen: 0.003 ng

RT: 15.97 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Tgt Ion: 77 Resp: 144

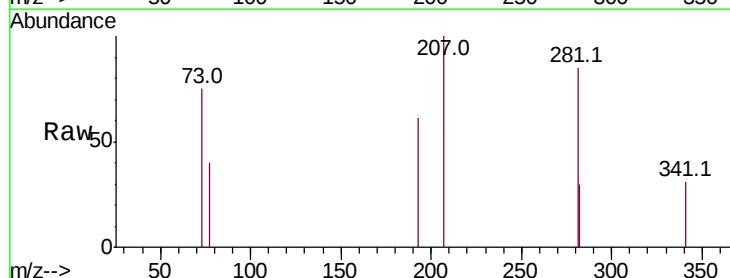
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

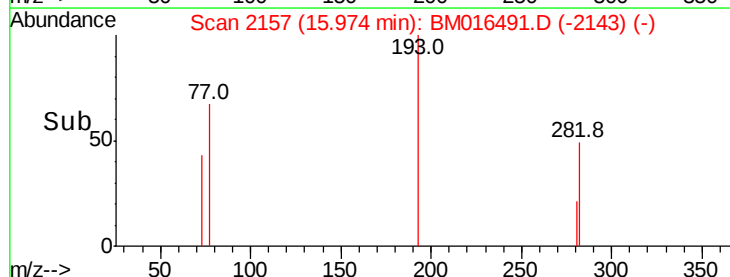
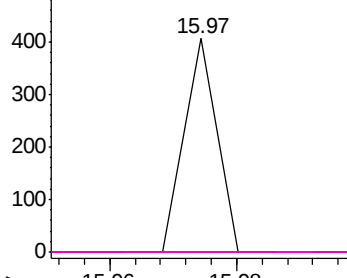


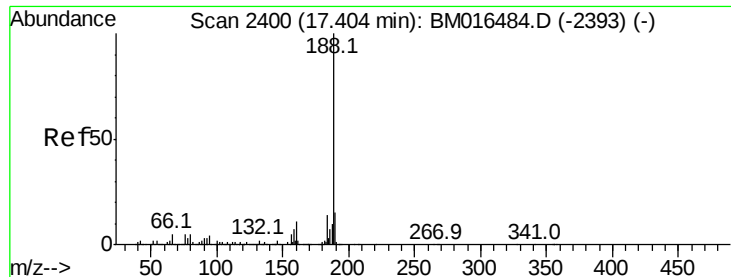
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

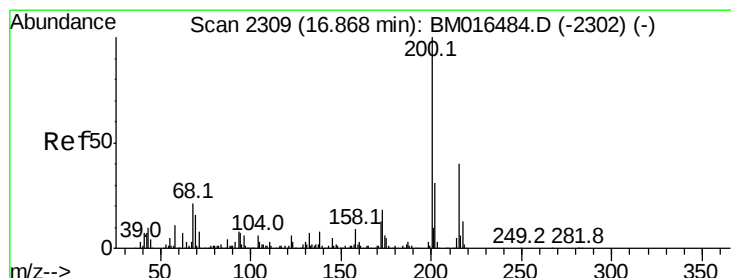
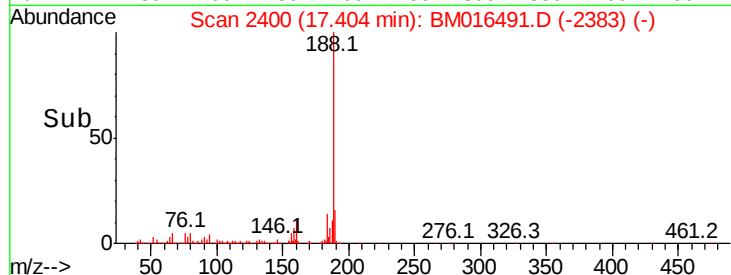
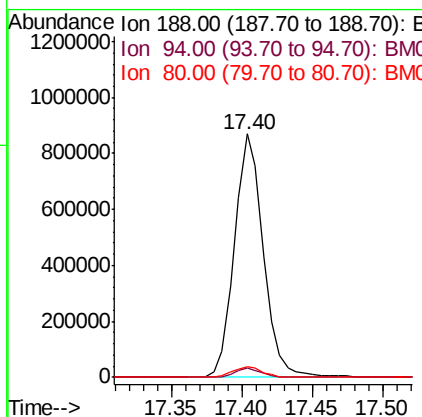
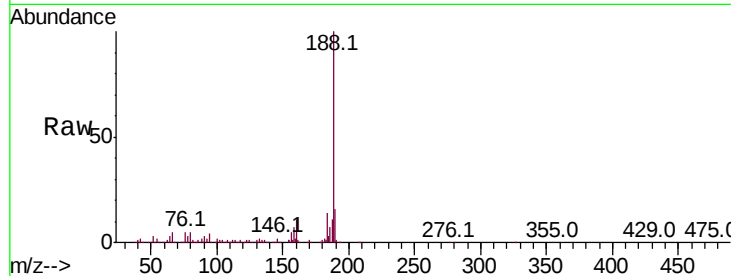




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

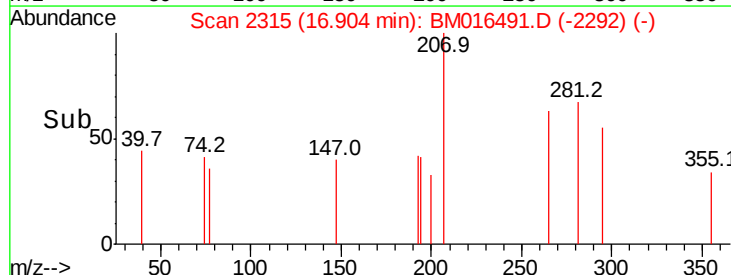
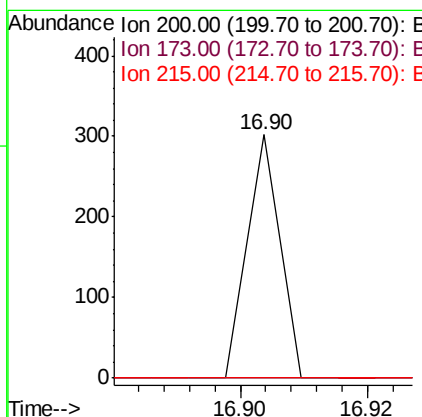
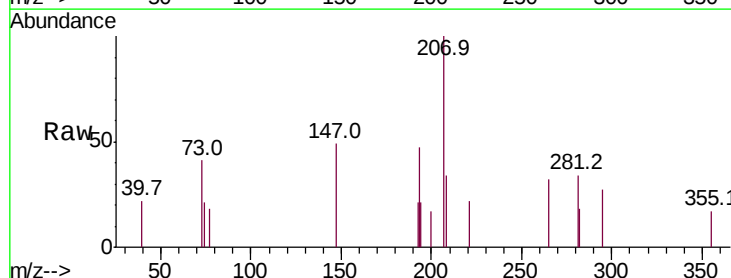
Instrument :
BNA_M
ClientSampleId :

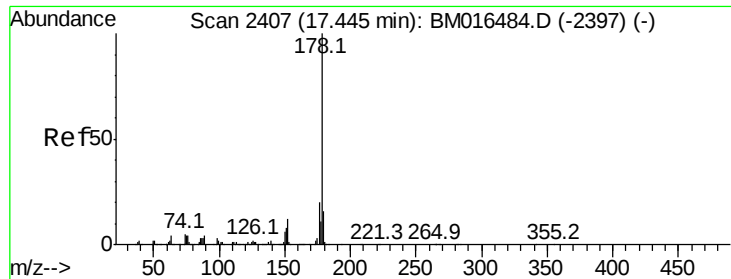
Tot Ion:188 Resp: 1236060
Ion Ratio Lower Upper
188 100
94 3.7 8.7 13.1#
80 4.6 9.3 13.9#



#68
Atrazine
Concen: 0.007 ng
RT: 16.90 min Scan# 2315
Delta R.T. 0.04 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion:200 Resp: 107
Ion Ratio Lower Upper
200 100
173 0.0 4.8 44.8#
215 0.0 26.9 66.9#

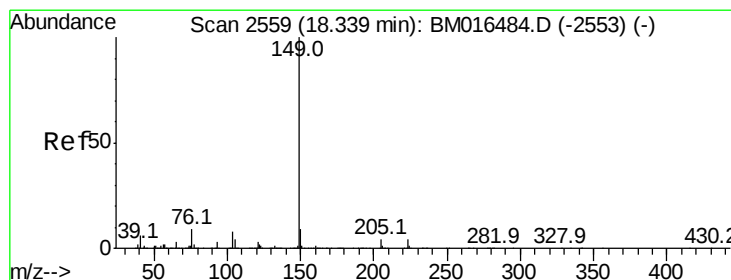
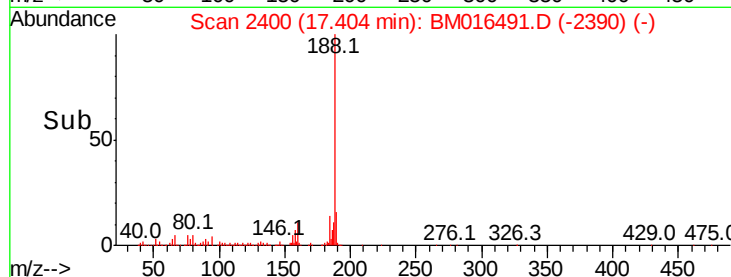
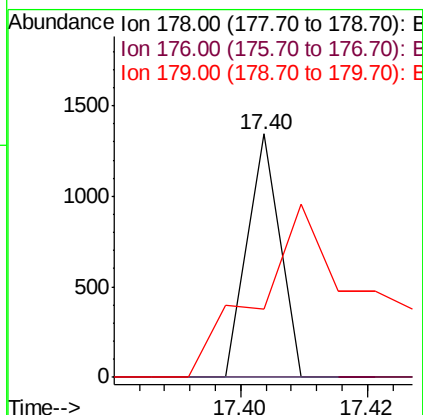
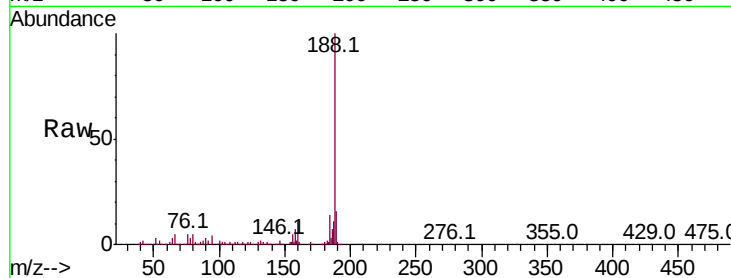




#70
Phenanthrene
Concen: 0.007 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.04 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

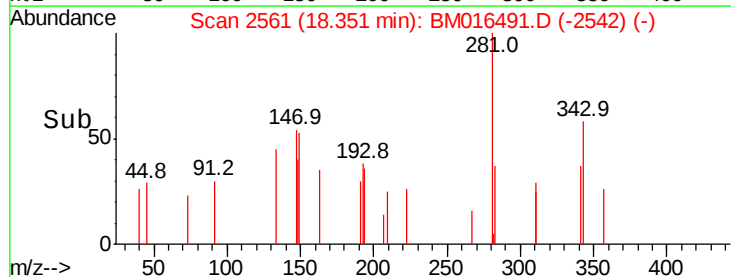
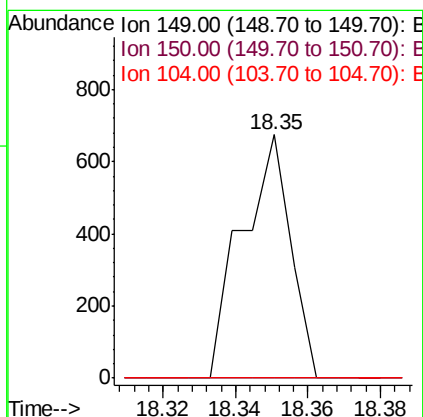
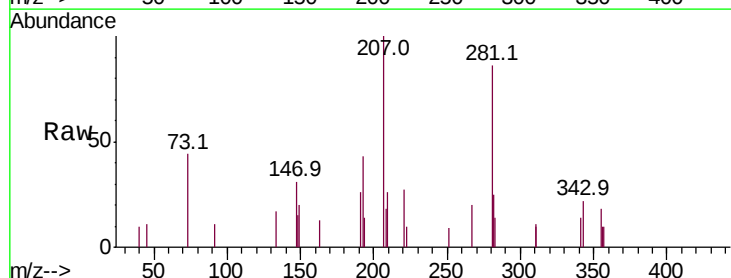
Instrument :
BNA_M
ClientSampleId :

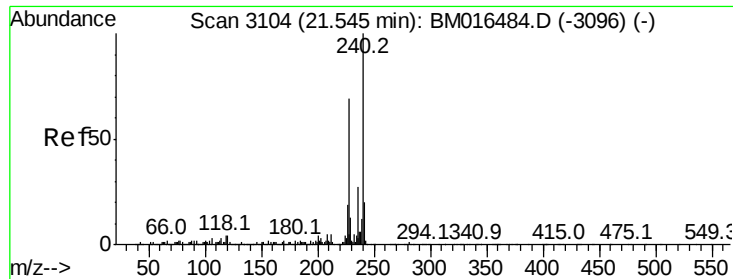
Tot Ion:178 Resp: 474
Ion Ratio Lower Upper
178 100
176 0.0 15.2 22.8#
179 28.1 12.1 18.1#



#73
Di-n-butylphthalate
Concen: 0.009 ng
RT: 18.35 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion:149 Resp: 636
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

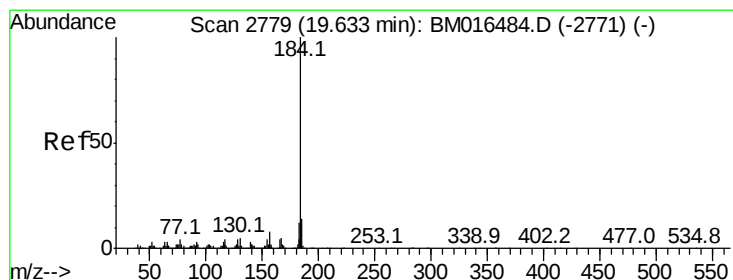
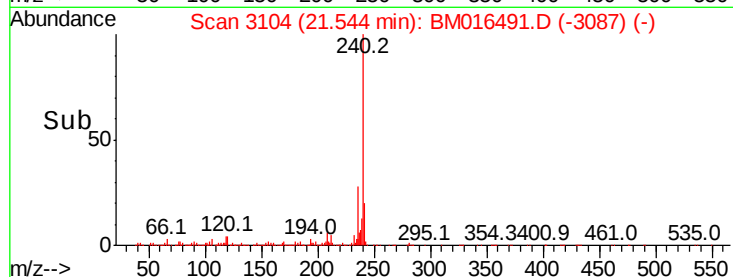
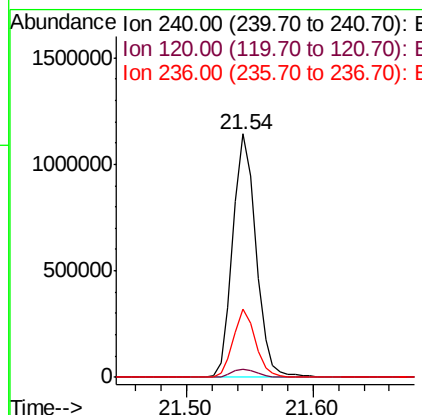
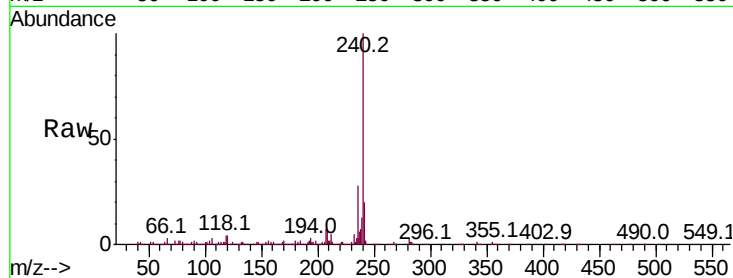




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

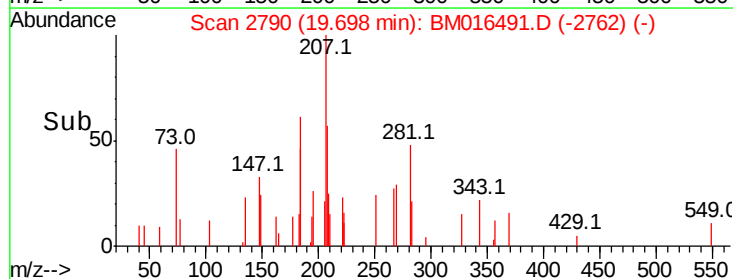
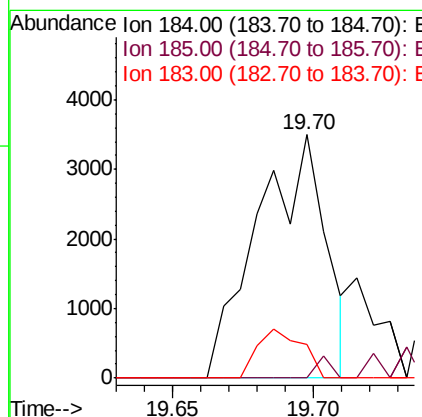
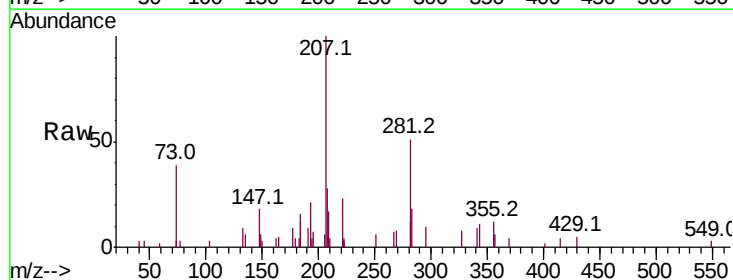
Instrument :
BNA_M
ClientSampleId :

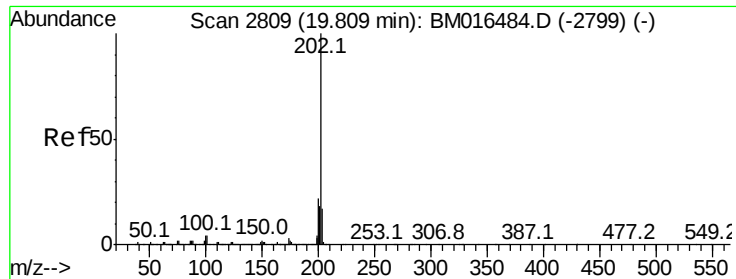
Tot Ion:240 Resp: 1441231
Ion Ratio Lower Upper
240 100
120 3.6 8.2 12.2#
236 27.9 20.0 30.0



#76
Benzidine
Concen: 0.212 ng
RT: 19.70 min Scan# 2790
Delta R.T. 0.06 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion:184 Resp: 5881
Ion Ratio Lower Upper
184 100
185 0.0 11.3 16.9#
183 13.8 8.9 13.3#

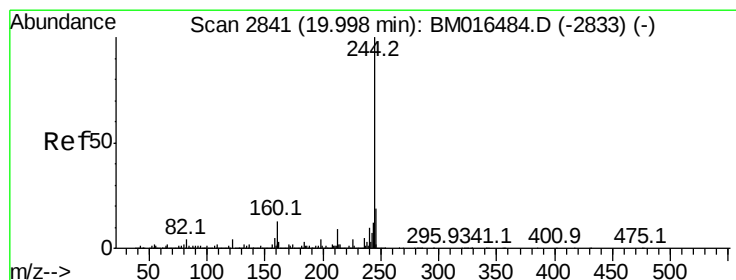
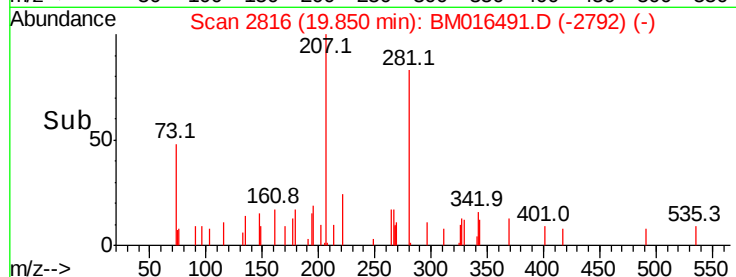
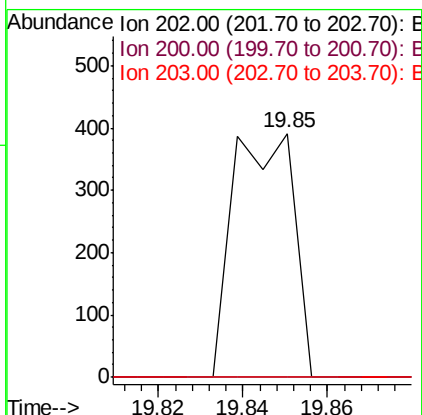
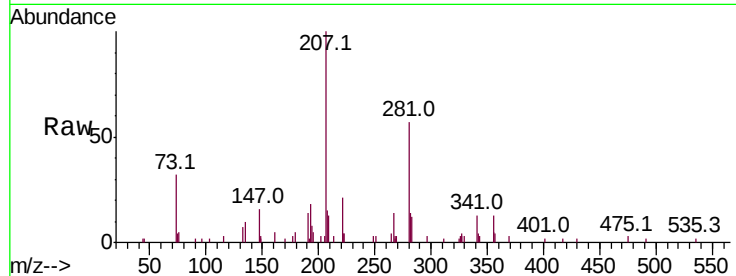




#77
Pvrene
Concen: 0.005 ng
RT: 19.85 min Scan# 2816
Delta R.T. 0.04 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

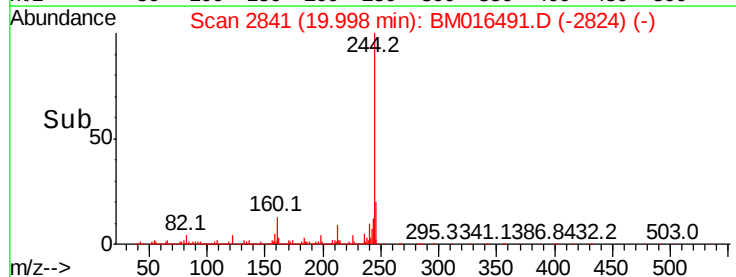
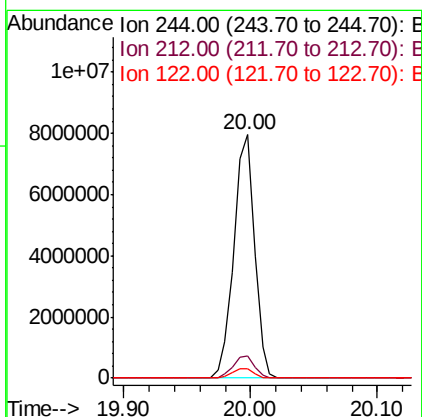
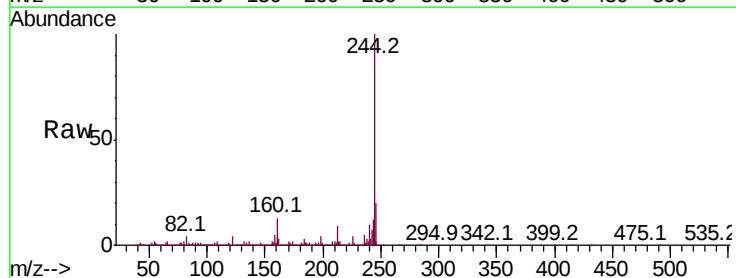
Instrument :
BNA_M
ClientSampled :

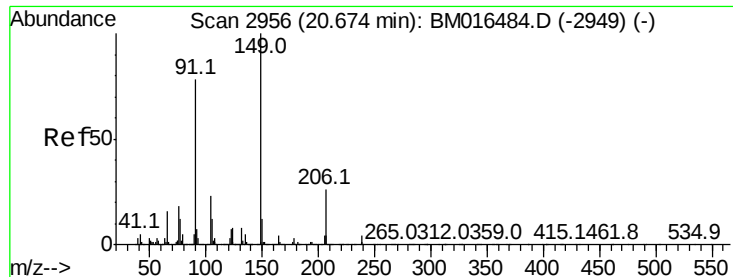
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



#78
Terphenyl-d14
Concen: 0.005 ng
RT: 20.00 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	3.8	6.2	9.4#

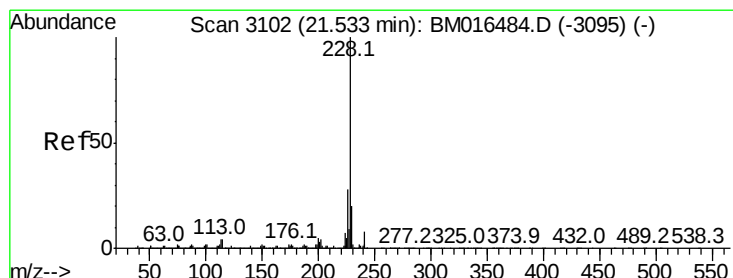
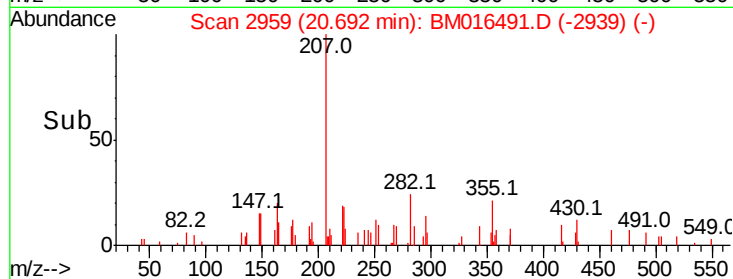
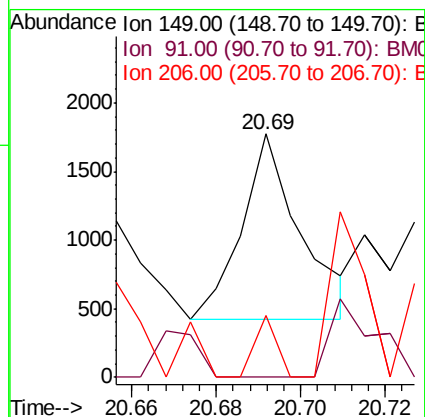
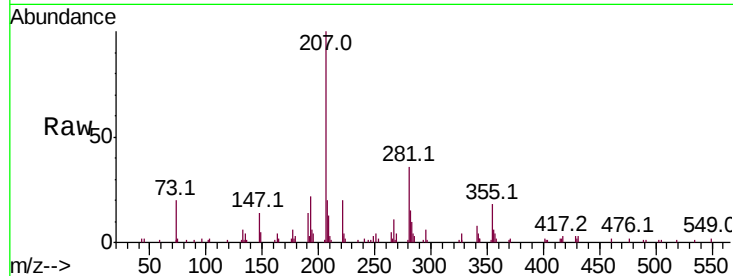




#79
 Butylbenzylphthalate
 Concen: 0.048 ng
 RT: 20.69 min Scan# 2959
 Delta R.T. 0.02 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

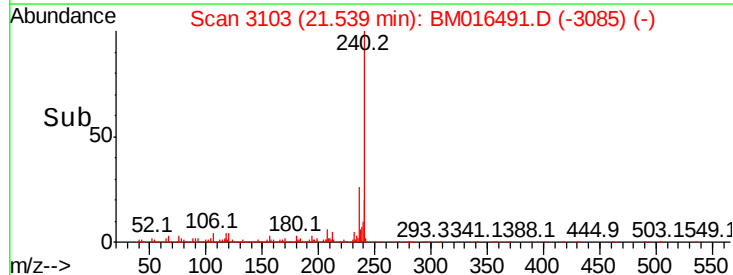
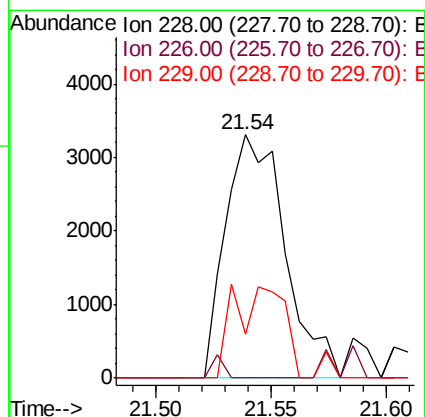
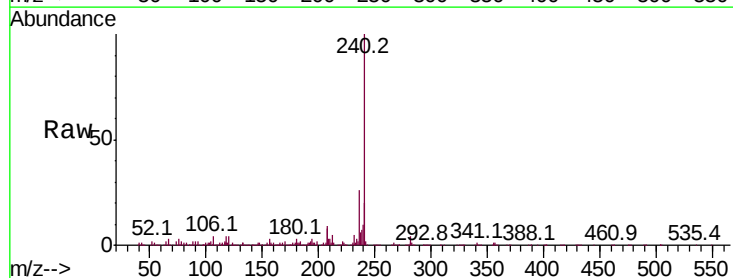
Instrument :
 BNA_M
 ClientSampled :

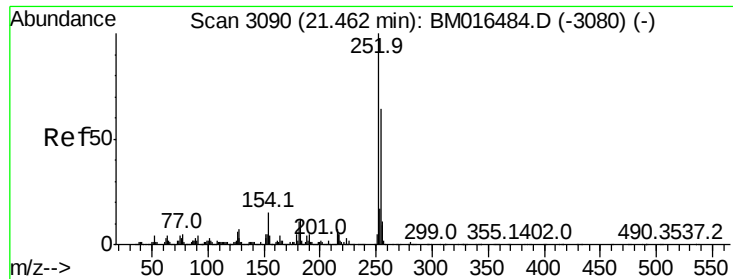
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.1	75.1#
206	25.3	16.2	24.2#



#80
 Benzo(a)anthracene
 Concen: 0.070 ng
 RT: 21.54 min Scan# 3103
 Delta R.T. 0.01 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.7	32.5#
229	18.1	16.0	24.0

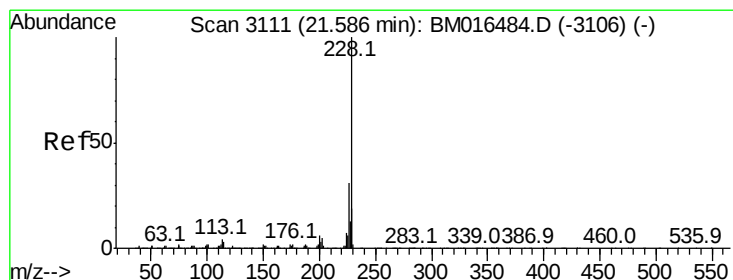
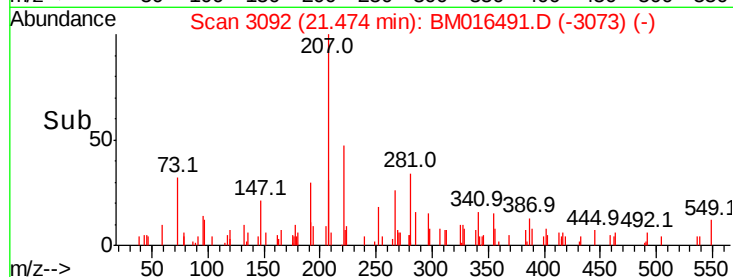
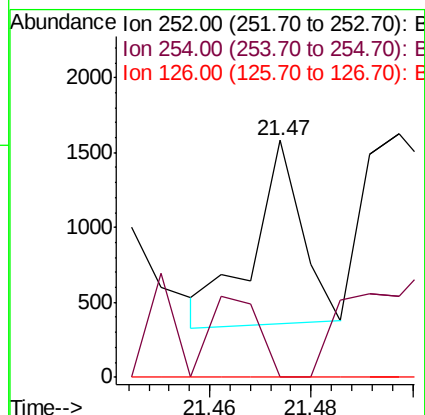
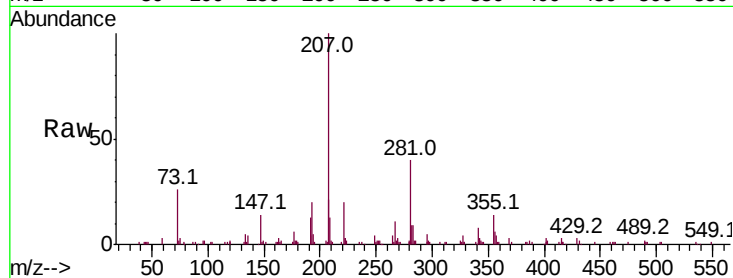




#81
 3,3'-Dichlorobenzidine
 Concen: 0.021 ng
 RT: 21.47 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

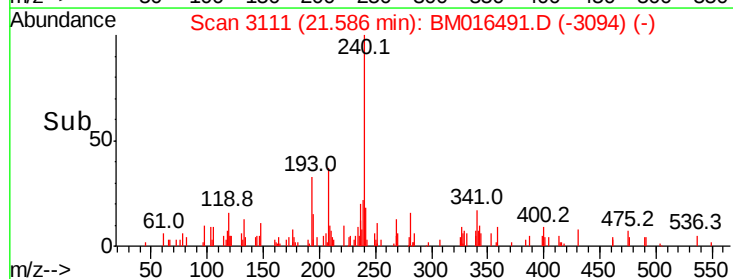
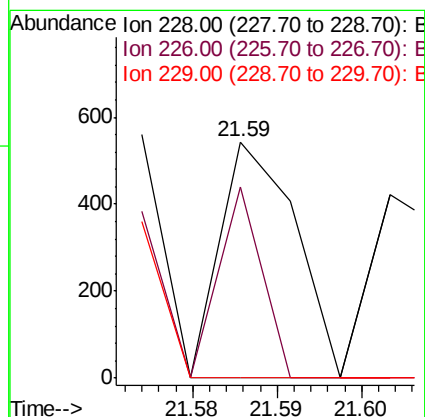
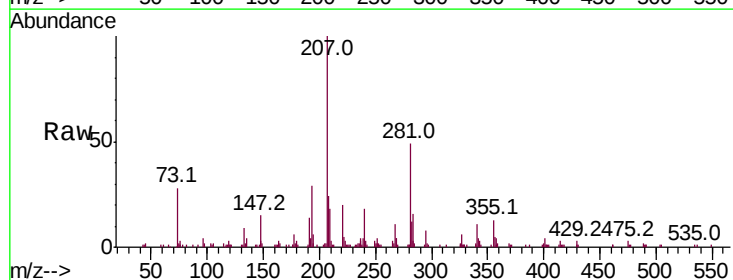
Instrument :
 BNA_M
 ClientSampled :

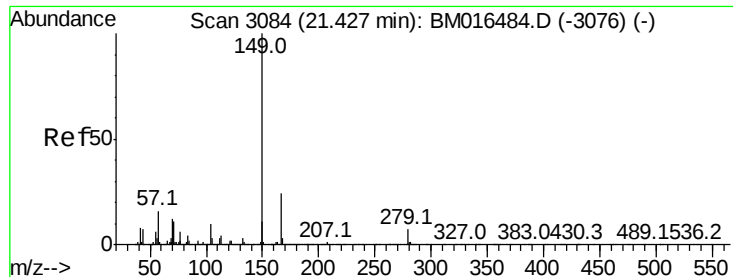
Tot Ion:252 Resp: 807
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.004 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

Tgt Ion:228 Resp: 336
 Ion Ratio Lower Upper
 228 100
 226 80.7 24.1 36.1#
 229 0.0 15.5 23.3#

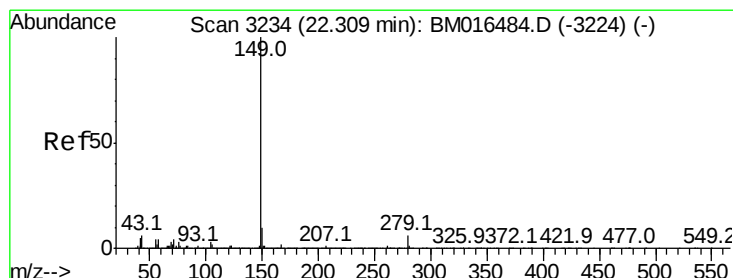
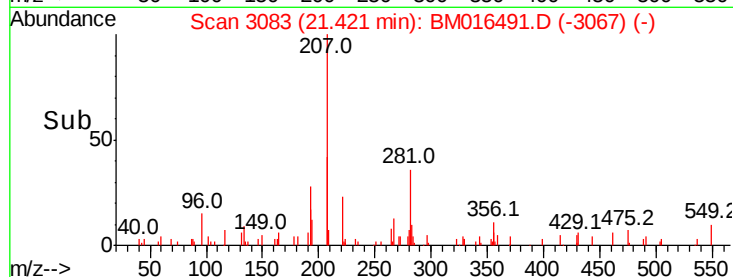
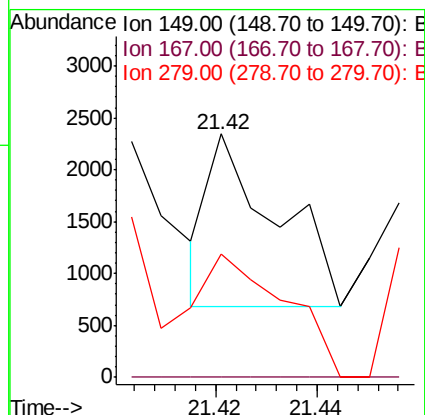
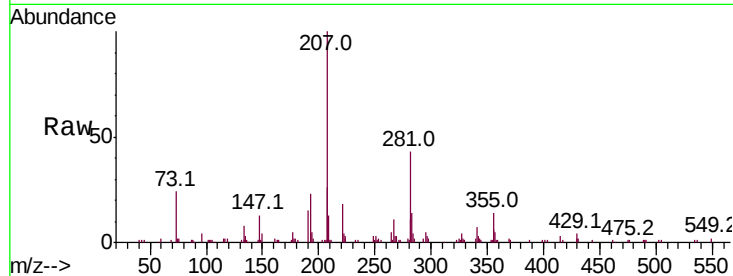




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

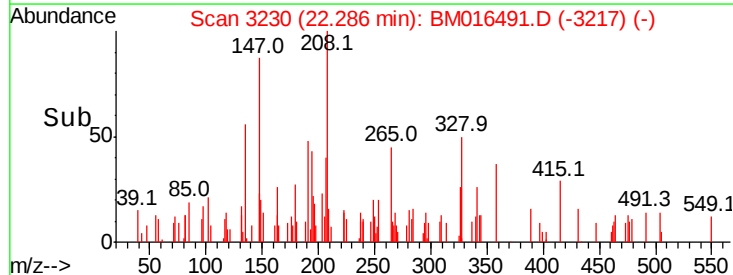
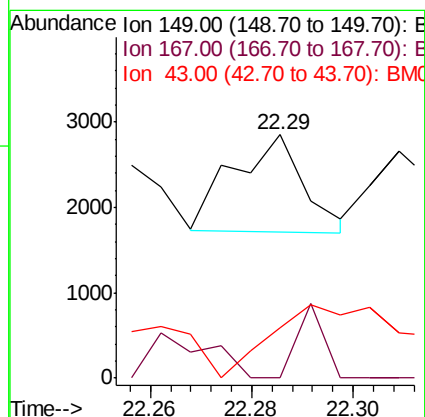
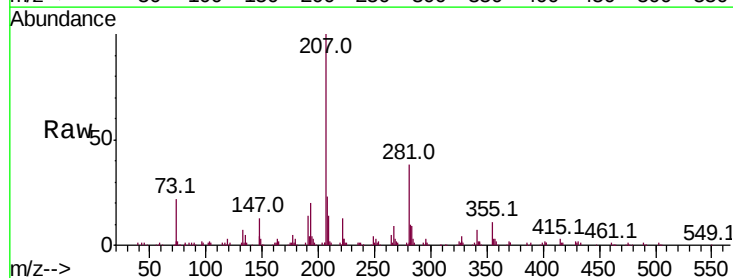
Instrument :
 BNA_M
 ClientSampleId :

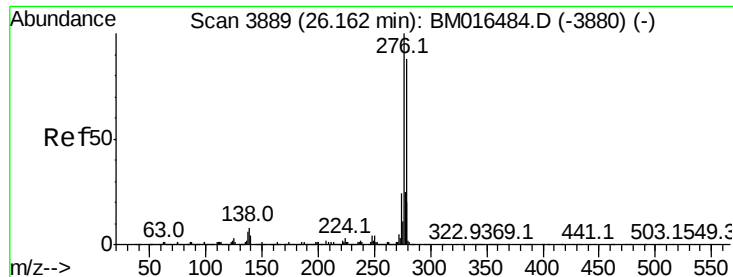
Tot Ion:149 Resp: 1548
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.4 33.6#
 279 50.5 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.016 ng
 RT: 22.29 min Scan# 3230
 Delta R.T. -0.02 min
 Lab File: BM016491.D
 Acq: 21 Aug 2018 19:41

Tgt Ion:149 Resp: 1101
 Ion Ratio Lower Upper
 149 100
 167 27.8 1.2 1.8#
 43 151.3 7.3 10.9#

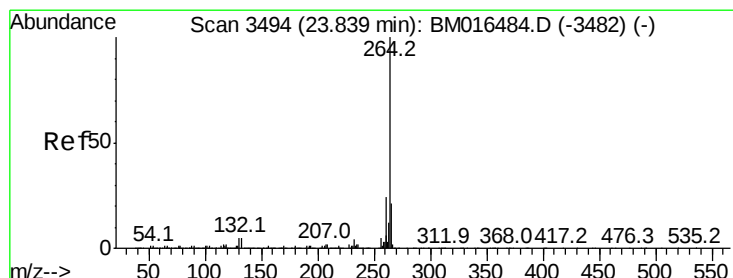
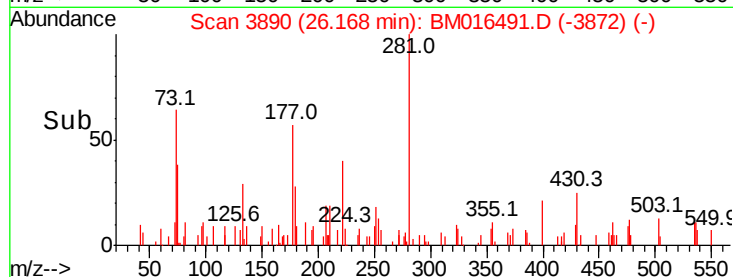
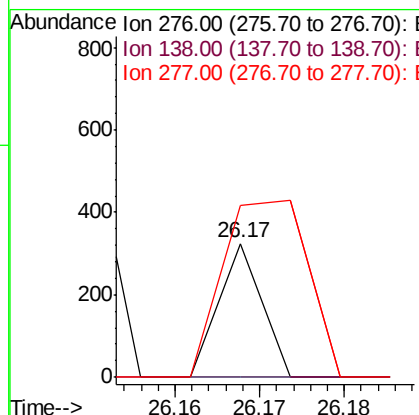
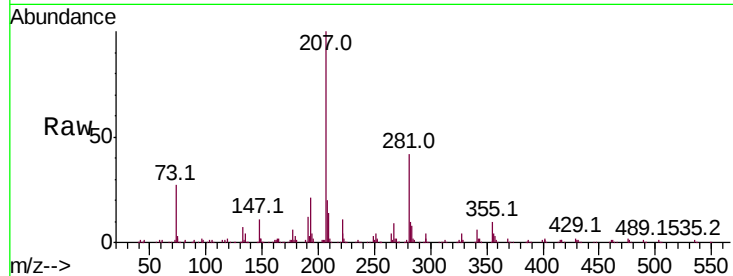




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.17 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

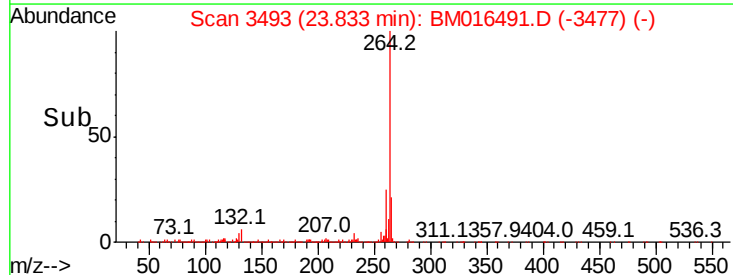
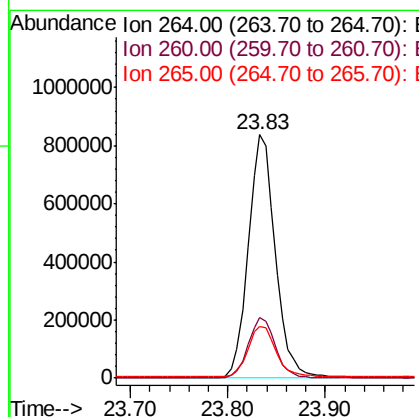
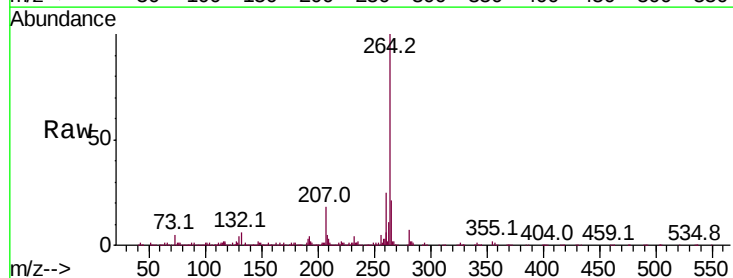
Instrument :
BNA_M
ClientSampleId :

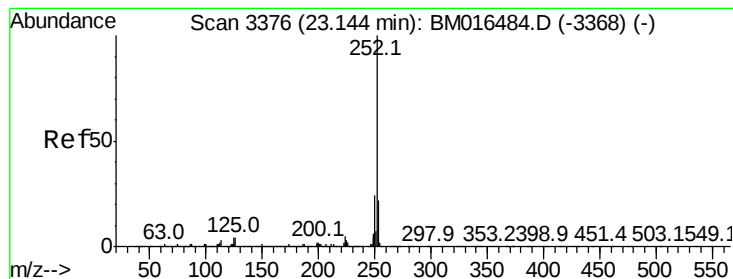
Tot Ion:276 Resp: 115
Ion Ratio Lower Upper
276 100
138 0.0 12.0 18.0#
277 259.1 20.0 30.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016491.D
Acq: 21 Aug 2018 19:41

Tgt Ion:264 Resp: 1616414
Ion Ratio Lower Upper
264 100
260 24.7 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.13 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM016491.D

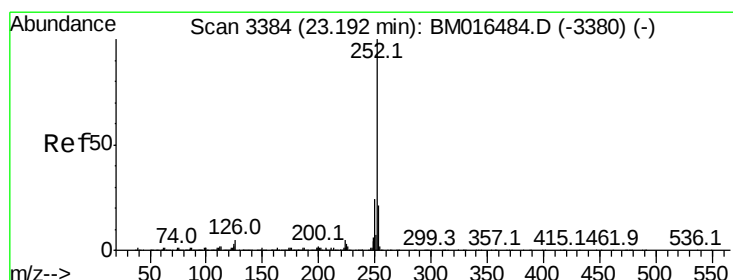
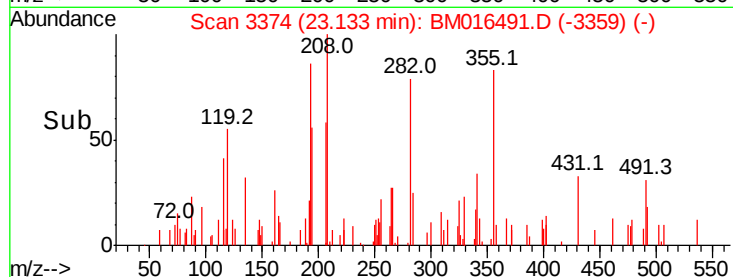
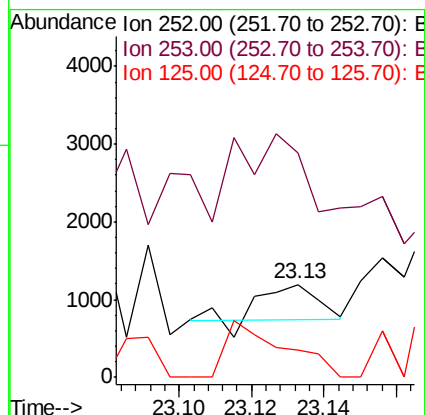
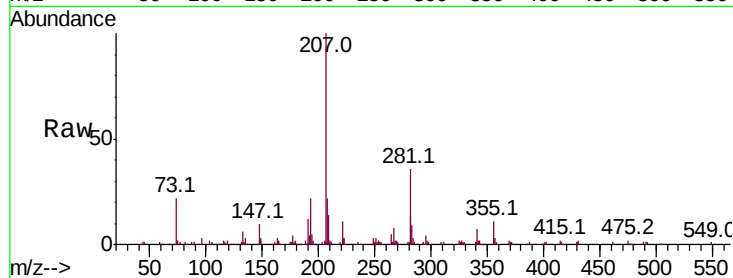
Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	456
Ion	Ratio	Lower	Upper
252	100		
253	242.1	18.0	27.0#
125	29.2	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 0.030 ng

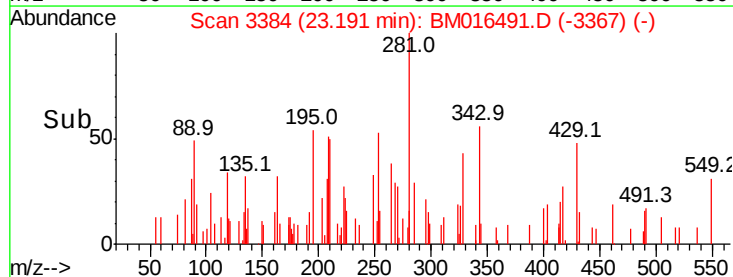
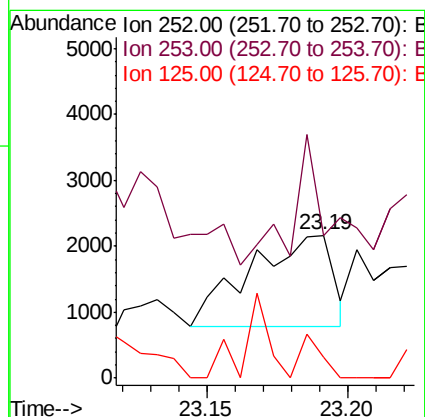
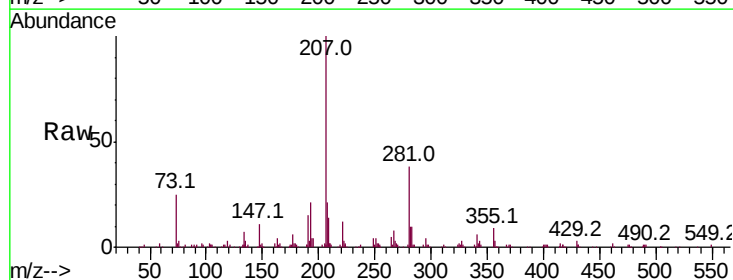
RT: 23.19 min Scan# 3384

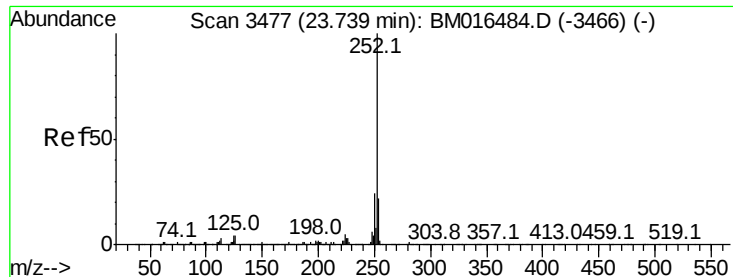
Delta R.T. -0.00 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Tgt Ion:	252	Resp:	2823
Ion	Ratio	Lower	Upper
252	100		
253	99.6	17.2	25.8#
125	14.3	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.035 ng

RT: 23.76 min Scan# 3480

Delta R.T. 0.02 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

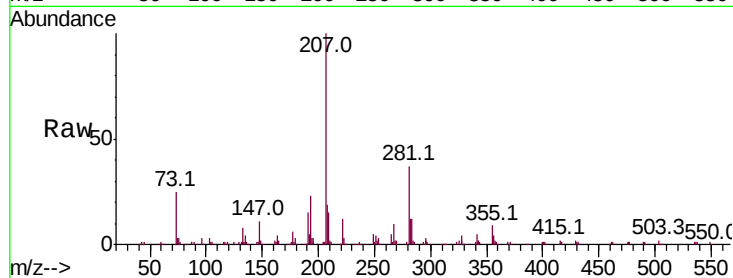
Tot Ion:252 Resp: 3190

Ion Ratio Lower Upper

252 100

253 134.7 17.6 26.4#

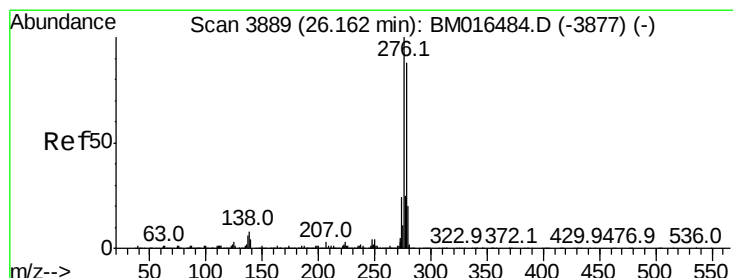
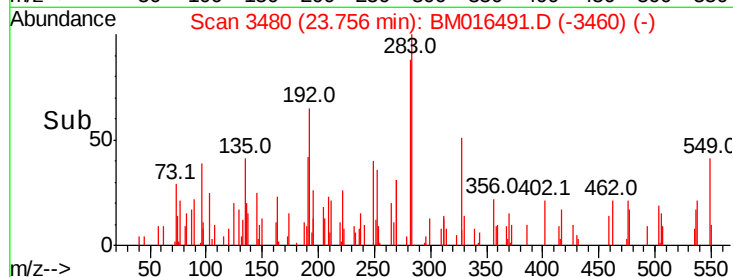
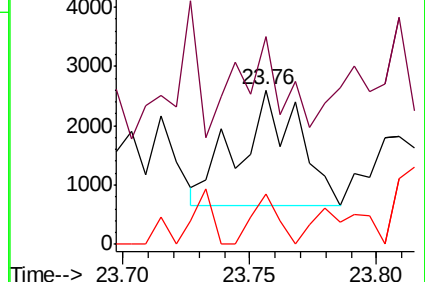
125 32.4 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.11 min Scan# 3880

Delta R.T. -0.05 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

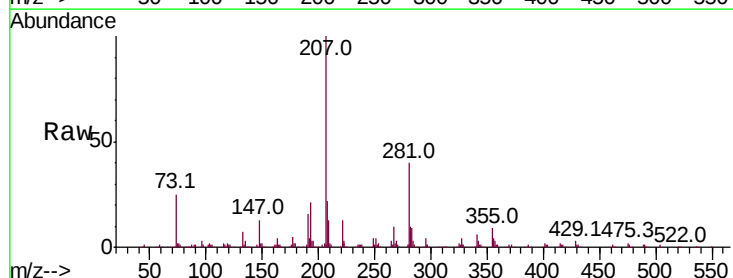
Tgt Ion:278 Resp: 143

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

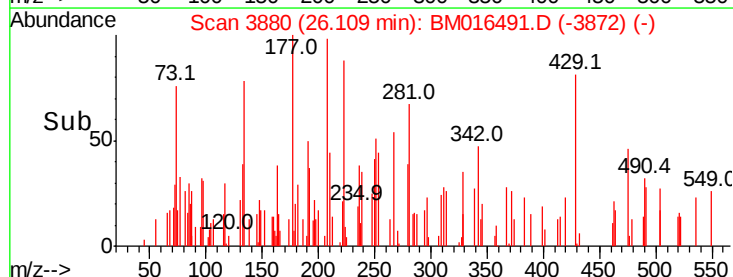
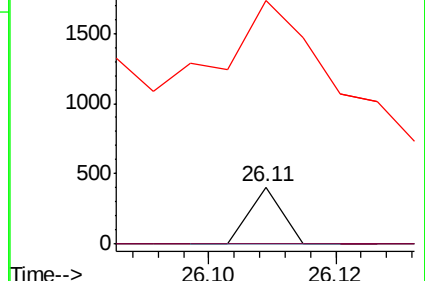
279 426.6 19.0 28.4#

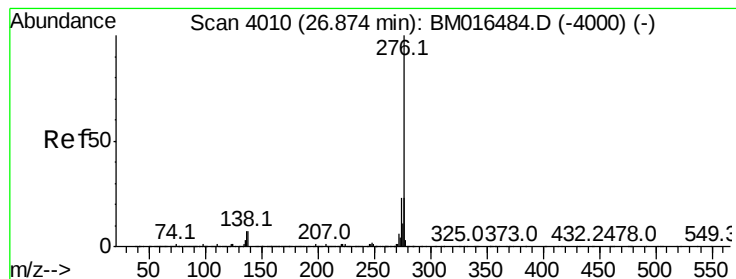


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.002 ng

RT: 26.87 min Scan# 4009

Delta R.T. -0.01 min

Lab File: BM016491.D

Acq: 21 Aug 2018 19:41

Instrument :

BNA_M

ClientSampleId :

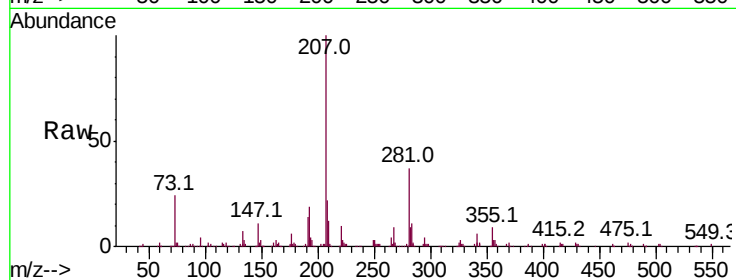
Tot Ion: 276 Resp: 148

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

