

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016495.D
 Acq On : 21 Aug 2018 22:06
 Operator : SJ/JU
 Sample : J4277-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 21 23:24:22 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	133169	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	424743	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	298272	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	952301	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1220463	20.00	ng	0.00
86) Perylene-d12	23.83	264	1421794	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	884886	130.21	ng	0.00
7) Phenol-d6	7.20	99	953106	105.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	1047839	112.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1550765	185.99	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3452682	111.27	ng	0.00
78) Terphenyl-d14	19.99	244	8730872	151.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	115	0.031	ng	# 100
4) n-Nitrosodimethylamine	3.72	42	1252	0.360	ng	# 1
9) Benzaldehyde	7.20	77	4860	0.779	ng	# 2
15) Benzyl Alcohol	8.33	79	22794	2.729	ng	# 22
16) 2,2'-oxybis(1-Chloropropan	8.57	45	280	0.061	ng	# 66
22) Acetophenone	8.85	105	122	0.012	ng	# 52
24) Nitrobenzene	9.25	77	333	0.036	ng	# 42
25) Isophorone	9.74	82	154	0.012	ng	# 62
31) Naphthalene	10.89	128	41783	2.065	ng	# 96
33) 4-Chloroaniline	10.94	127	336	0.039	ng	# 51
37) 2-Methylnaphthalene	12.52	142	4678	0.295	ng	# 59
45) 1,1'-Biophenyl	13.51	154	2579	0.099	ng	# 42
50) 2,6-Dinitrotoluene	14.32	165	131	0.023	ng	# 24
51) Acenaphthene	14.74	154	2740	0.149	ng	# 79
54) Dibenzofuran	15.11	168	2947	0.084	ng	# 94
57) Fluorene	15.73	166	3951	0.148	ng	# 67
59) Diethylphthalate	15.47	149	2138	0.072	ng	# 58
62) Azobenzene	15.95	77	146	0.005	ng	# 50
70) Phenanthrene	17.45	178	17006	0.346	ng	# 90
71) Anthracene	17.57	178	2850	0.058	ng	# 61
72) Carbazole	17.87	167	4338	0.099	ng	# 77
73) Di-n-butylphthalate	18.34	149	6033	0.113	ng	# 85
74) Fluoranthene	19.47	202	9849	0.136	ng	# 88
76) Benzdine	19.67	184	9645	0.411	ng	# 94
77) Pyrene	19.82	202	10663	0.161	ng	# 89
79) Butylbenzylphthalate	20.67	149	1908	0.083	ng	# 35
80) Benzo(a)anthracene	21.58	228	3450	0.048	ng	# 98
81) 3,3'-Dichlorobenzidine	21.45	252	998	0.031	ng	# 26
82) Chrysene	21.58	228	6293	0.092	ng	# 95
83) Bis(2-ethylhexyl)phthalate	21.42	149	2586	0.076	ng	# 75
84) Di-n-octyl phthalate	22.32	149	2366	0.042	ng	# 32
85) Indeno(1,2,3-cd)pyrene	26.15	276	107	0.001	ng	# 1
87) Benzo(b)fluoranthene	23.14	252	621	0.008	ng	# 1
88) Benzo(k)fluoranthene	23.18	252	4006	0.048	ng	# 27

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016495.D
Acq On : 21 Aug 2018 22:06
Operator : SJ/JU
Sample : J4277-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 21 23:24:22 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

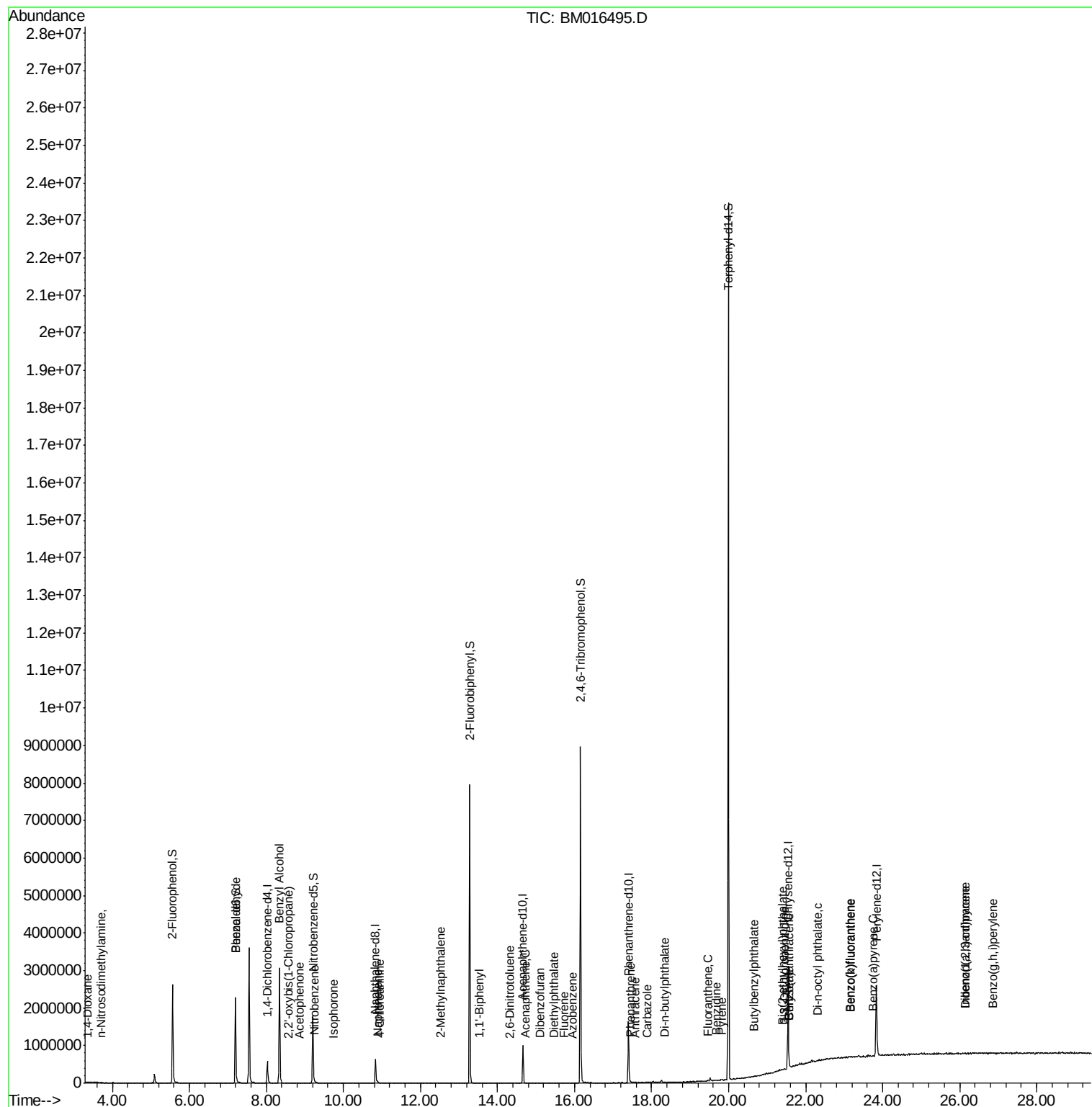
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	23.75	252	5574	0.070	ng	# 32
90) Dibenzo(a,h)anthracene	26.15	278	280	0.003	ng	# 1
91) Benzo(g,h,i)perylene	26.86	276	322	0.004	ng	# 52

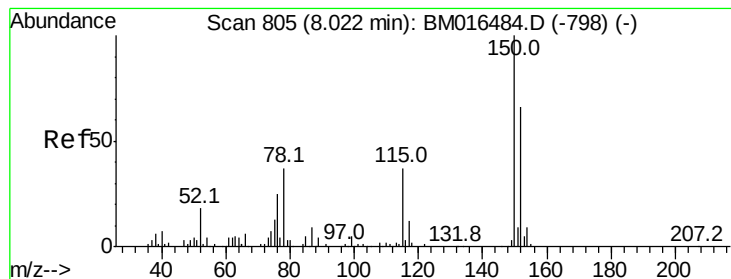
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016495.D
Acq On : 21 Aug 2018 22:06
Operator : SJ/JU
Sample : J4277-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 21 23:24:22 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: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

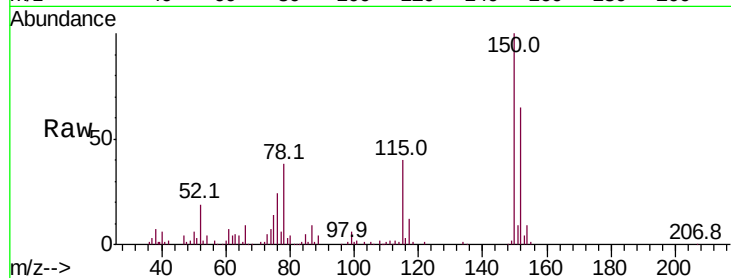
Tot Ion:152 Resp: 133169

Ion Ratio Lower Upper

152 100

150 153.4 119.5 179.3

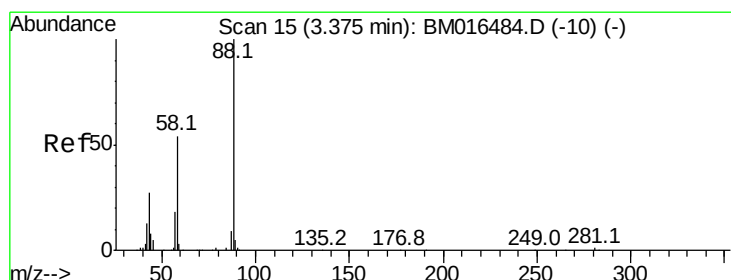
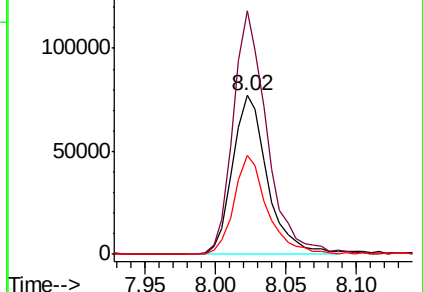
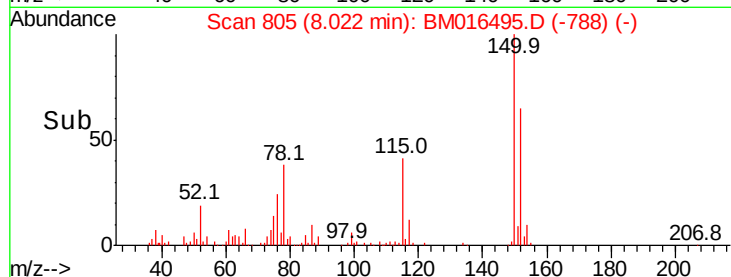
115 62.1 43.0 64.4



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: 0.031 ng

RT: 3.37 min Scan# 14

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

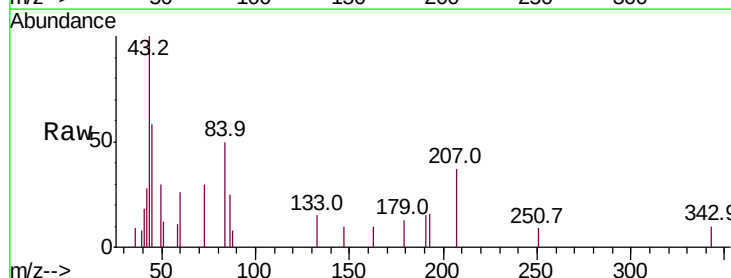
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

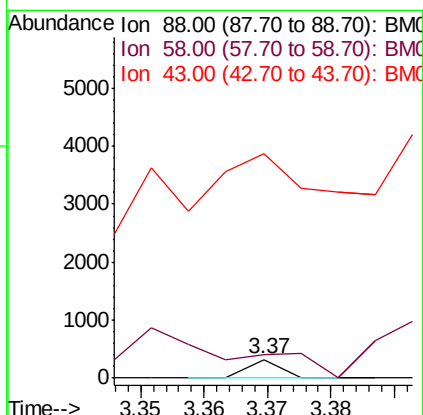
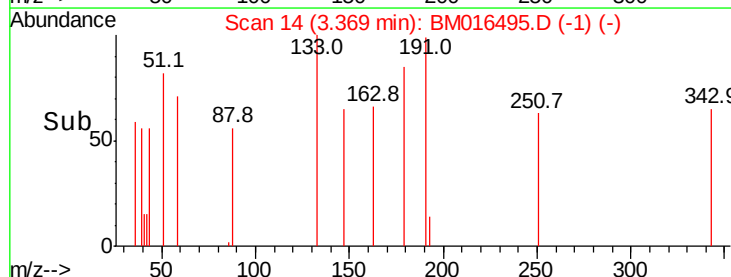
43 1932.2 0.0 0.0#

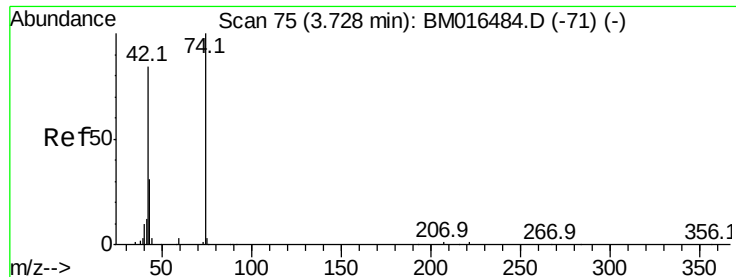


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.360 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM016495.D

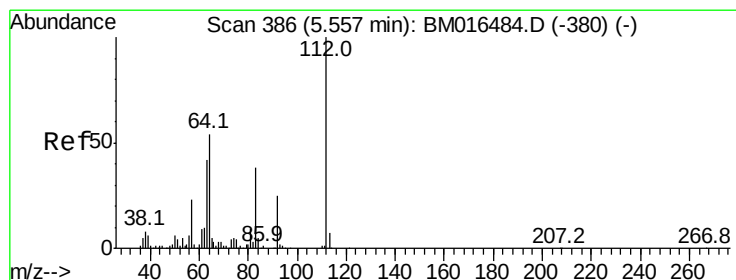
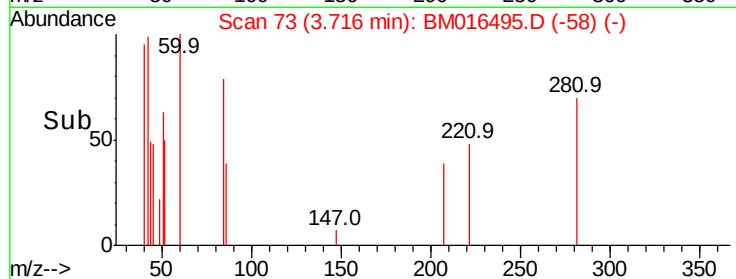
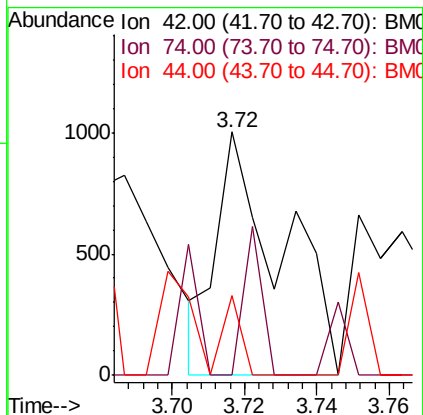
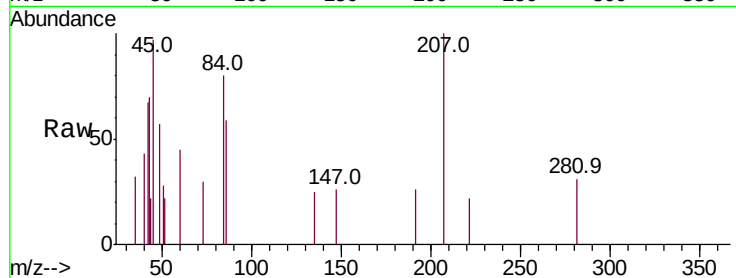
Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	42	Resp:	1252
Ion Ratio	Lower	Upper	
42	100		
74	0.0	119.3	178.9#
44	32.9	5.4	8.2#



#5

2-Fluorophenol

Concen: 0.360 ng

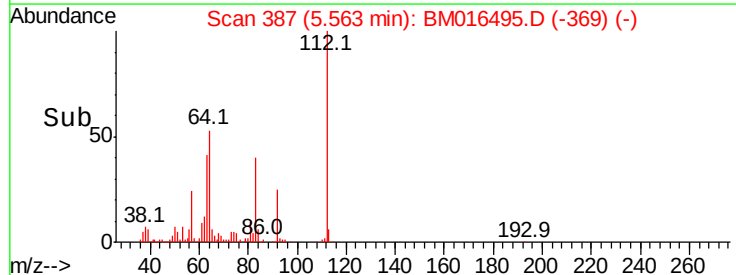
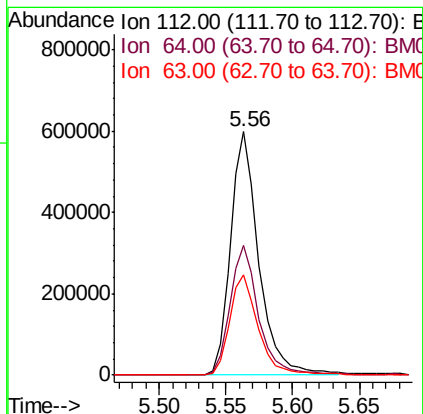
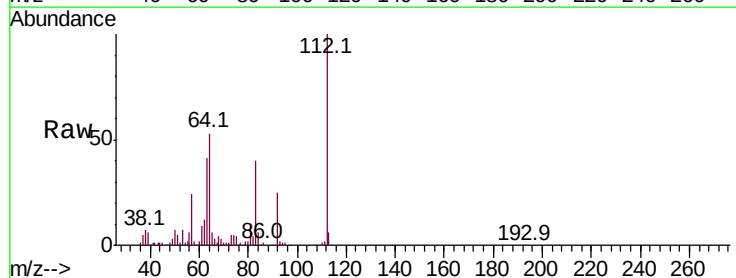
RT: 5.56 min Scan# 387

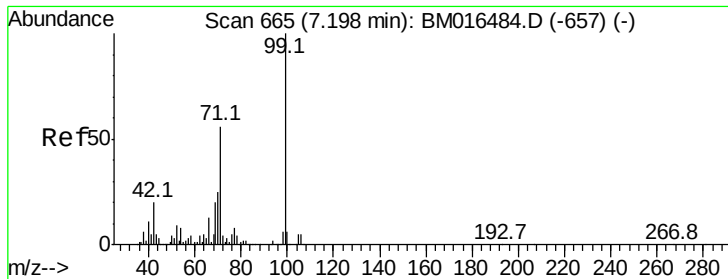
Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Tgt Ion:	112	Resp:	884886
Ion Ratio	Lower	Upper	
112	100		
64	53.2	38.6	57.8
63	41.3	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

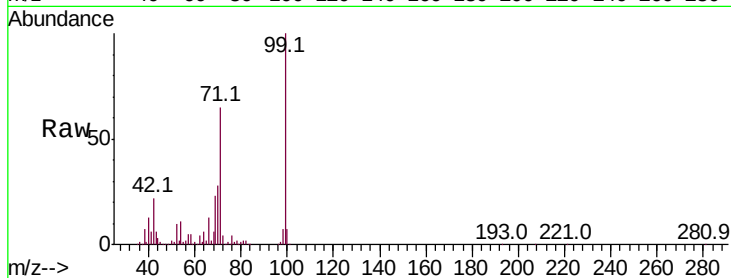
Tot Ion: 99 Resp: 953106

Ion Ratio Lower Upper

99 100

42 21.9 11.0 16.4#

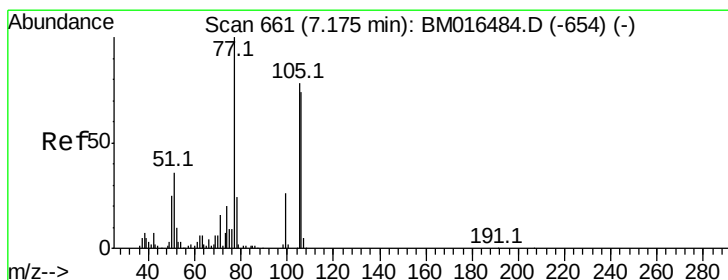
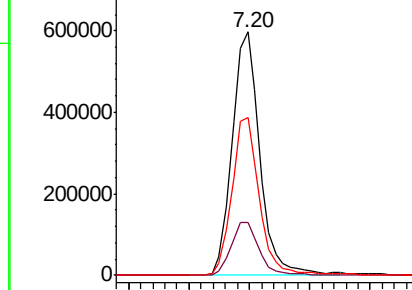
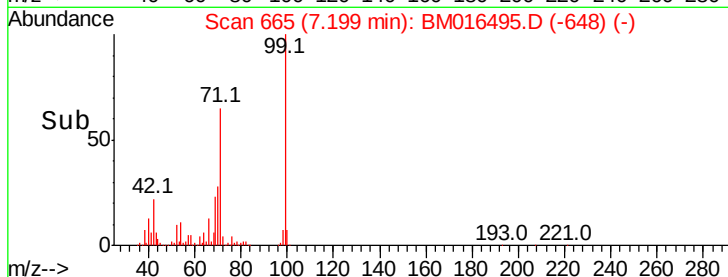
71 64.7 23.4 35.2#



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) (-)



#9

Benzaldehyde

Concen: 0.779 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.02 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

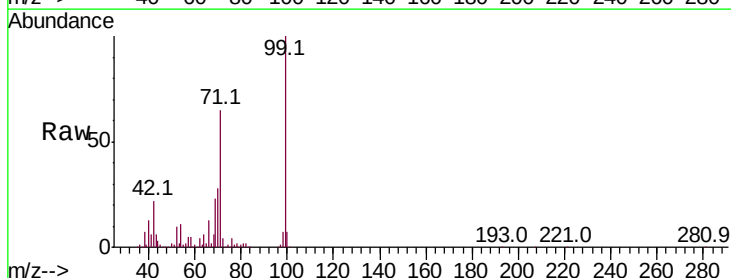
Tgt Ion: 77 Resp: 4860

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

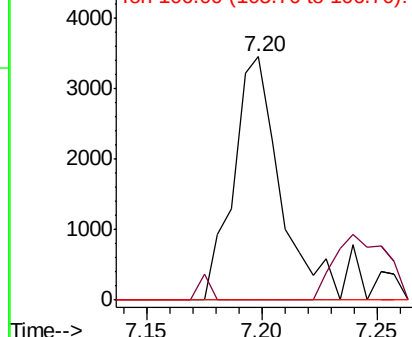
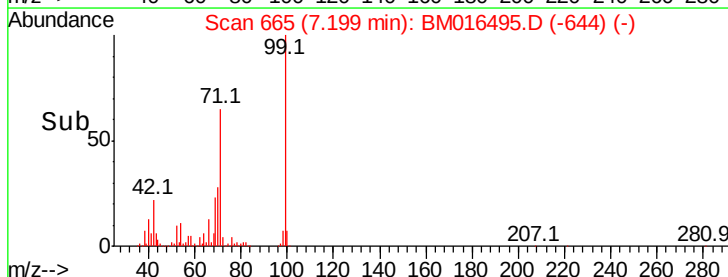
106 0.0 73.7 113.7#

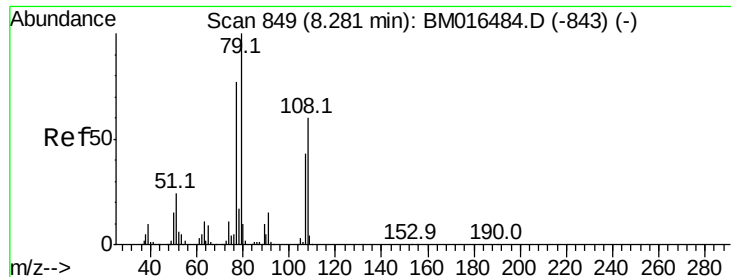


Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016484.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016484.D (-654) (-)





#15

Benzyl Alcohol

Concen: 2.729 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampled :

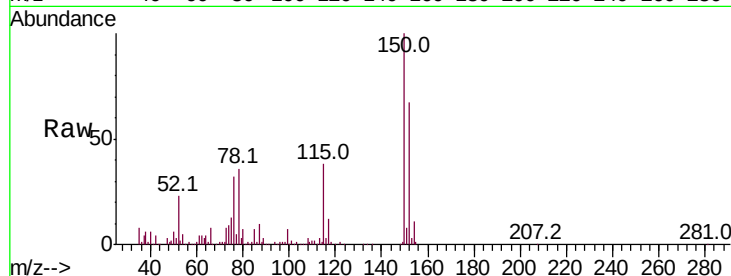
Tot Ion: 79 Resp: 22794

Ion Ratio Lower Upper

79 100

108 92.0 65.0 97.4

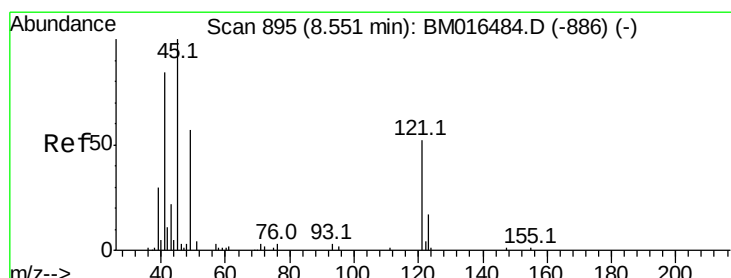
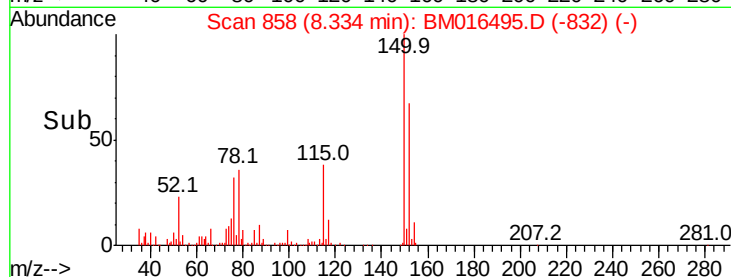
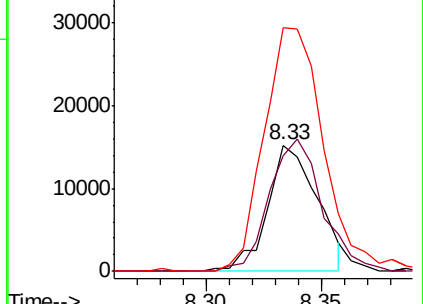
77 193.4 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.061 ng

RT: 8.57 min Scan# 899

Delta R.T. 0.02 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

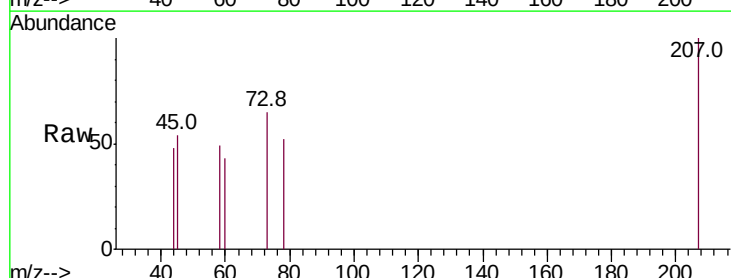
Tgt Ion: 45 Resp: 280

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

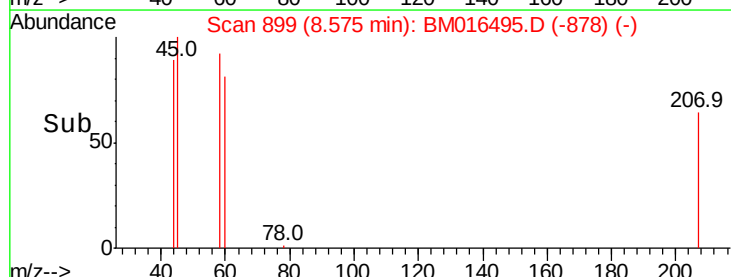
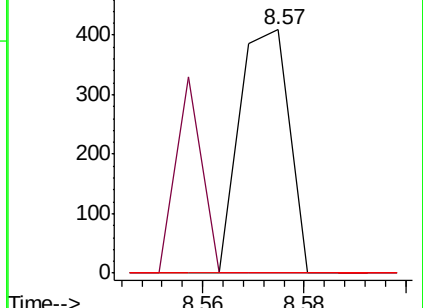
79 0.0 0.0 32.0

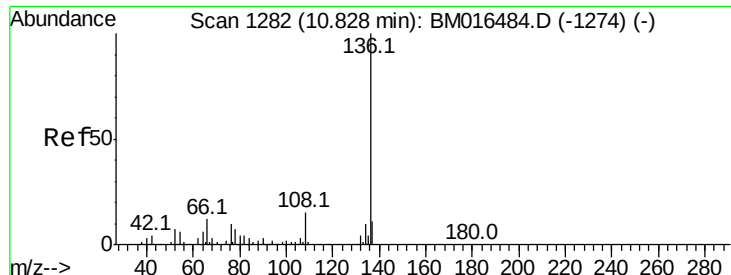


Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-886) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-886) (-)

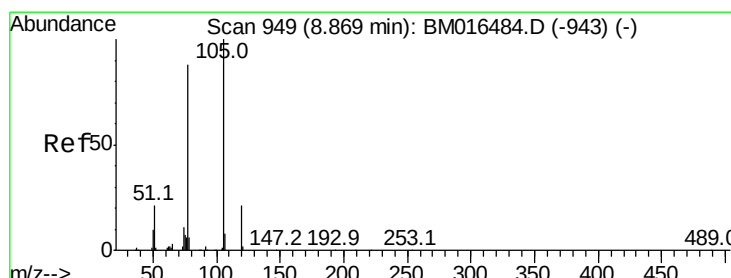
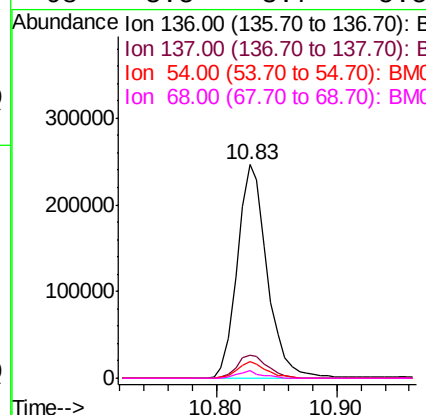
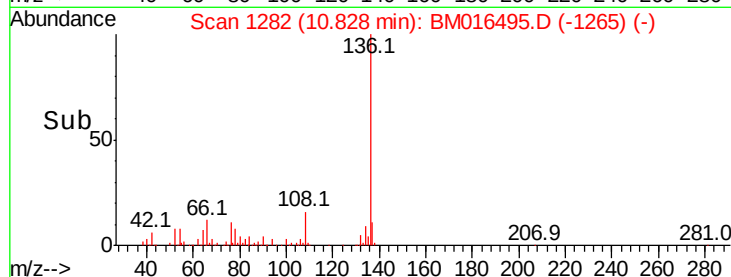
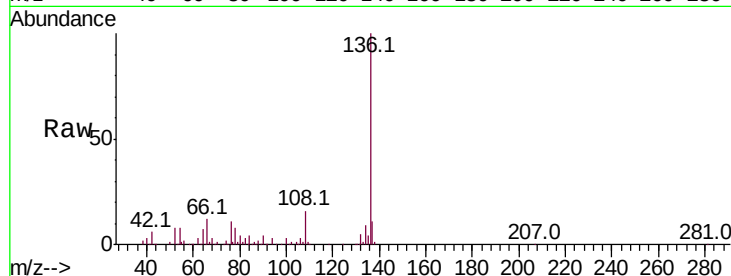




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

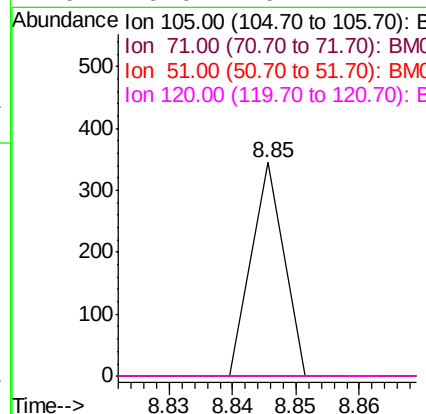
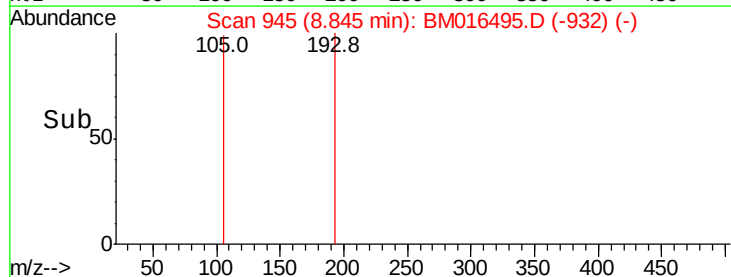
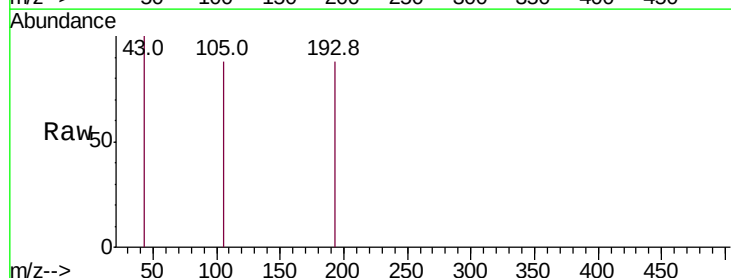
Instrument :
BNA_M
ClientSampleId :

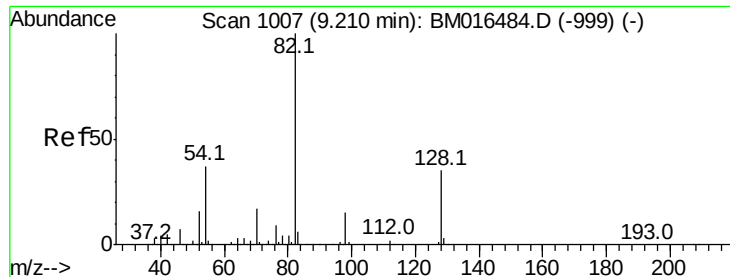
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.7	4.6	6.8#
68	3.5	3.7	5.5#



#22
Acetophenone
Concen: 0.012 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

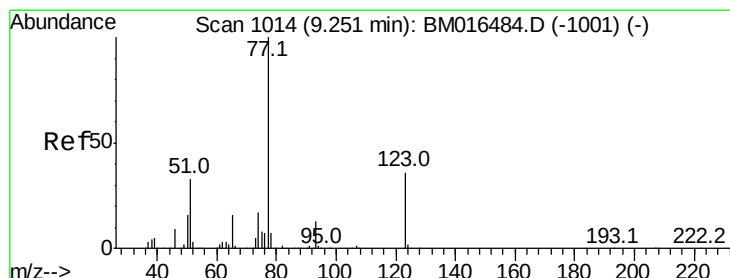
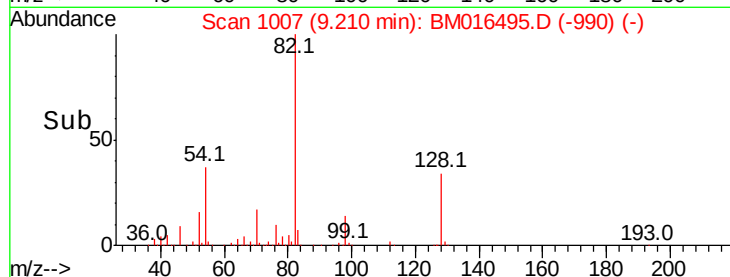
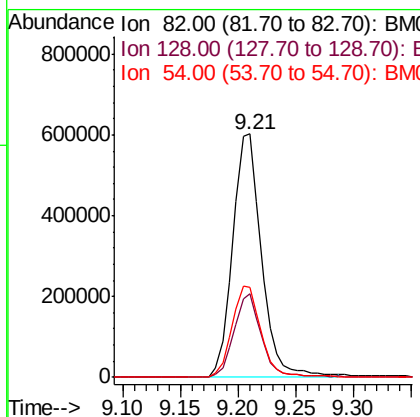
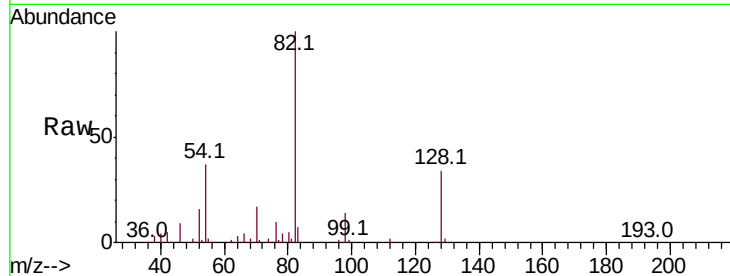




#23
 Nitrobenzene-d5
 Concen: 0.012 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

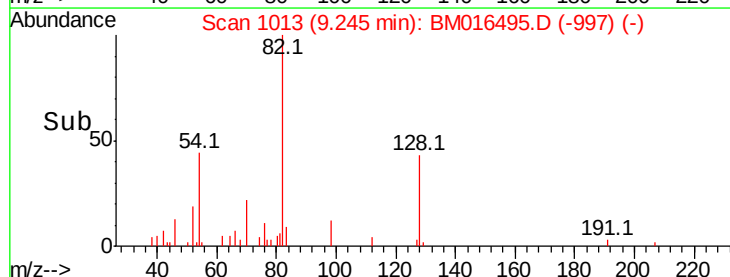
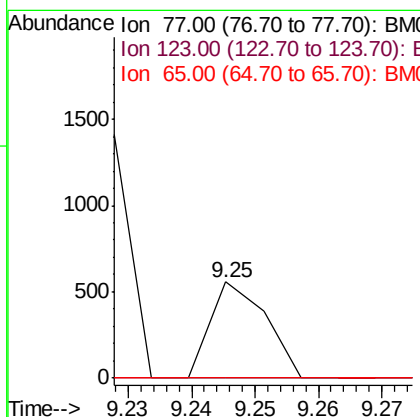
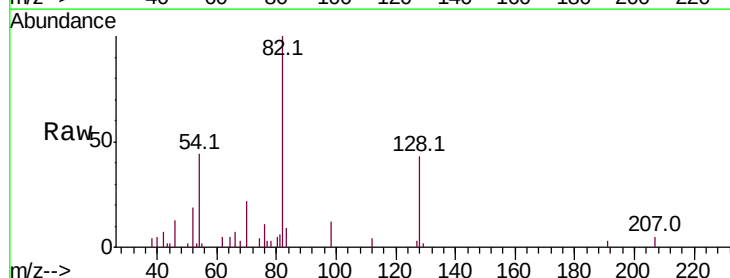
Instrument :
 BNA_M
 ClientSampleId :

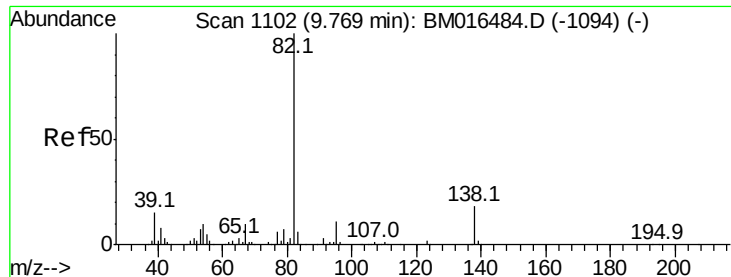
Tot Ion: 82 Resp: 1047839
 Ion Ratio Lower Upper
 82 100
 128 34.2 32.8 49.2
 54 36.9 40.6 60.8#



#24
 Nitrobenzene
 Concen: 0.036 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion: 77 Resp: 333
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 10.9 16.3#





#25

Isophorone

Concen: 0.012 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.03 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

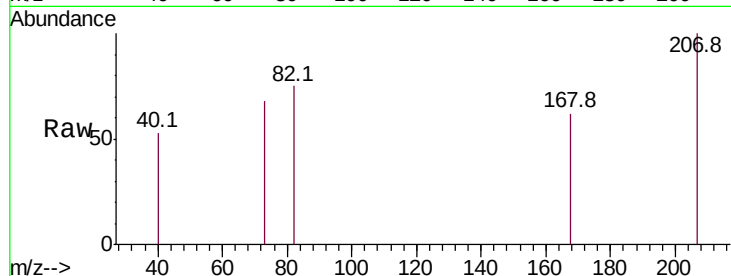
Tot Ion: 82 Resp: 154

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



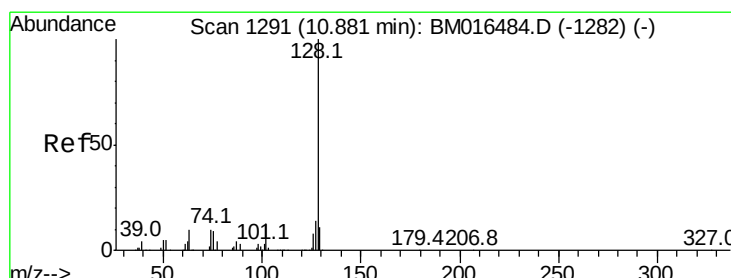
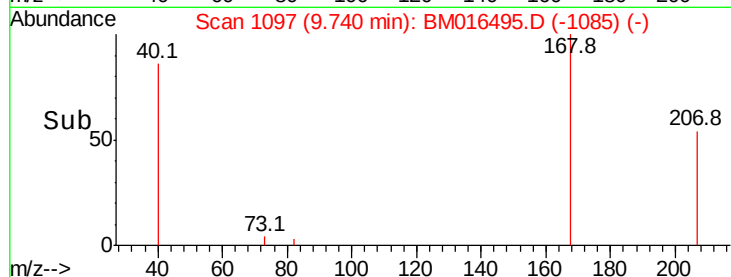
Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

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

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

Time-->

9.72 9.73 9.74 9.75



#31

Naphthalene

Concen: 2.065 ng

RT: 10.89 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

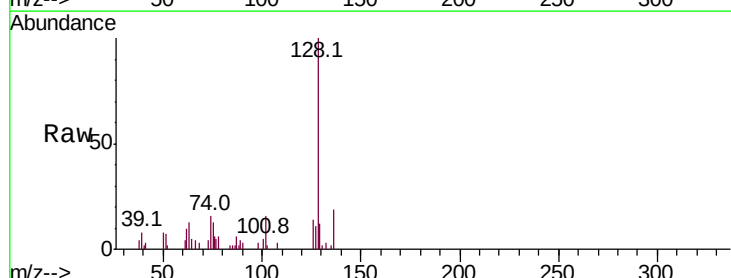
Tgt Ion: 128 Resp: 41783

Ion Ratio Lower Upper

128 100

129 12.5 8.9 13.3

127 11.1 10.4 15.6



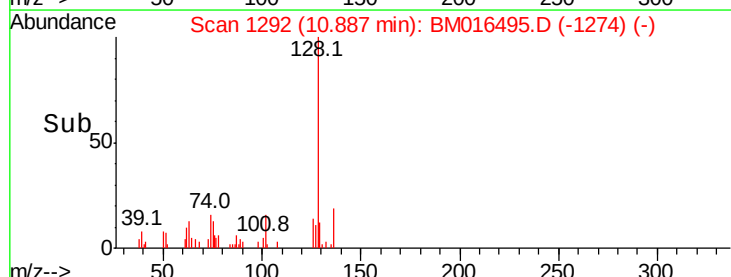
Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-1282) (-)

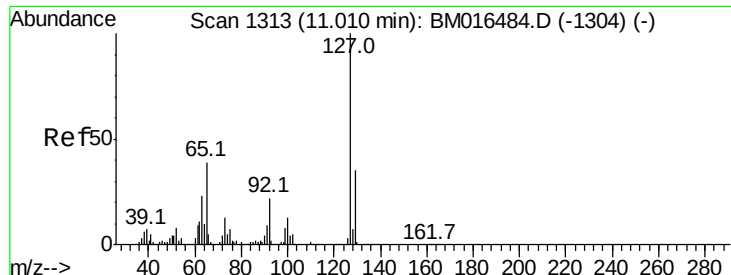
Ion 129.00 (128.70 to 129.70): BM016484.D (-1282) (-)

Ion 127.00 (126.70 to 127.70): BM016484.D (-1282) (-)

Time-->

10.80 10.89 10.90

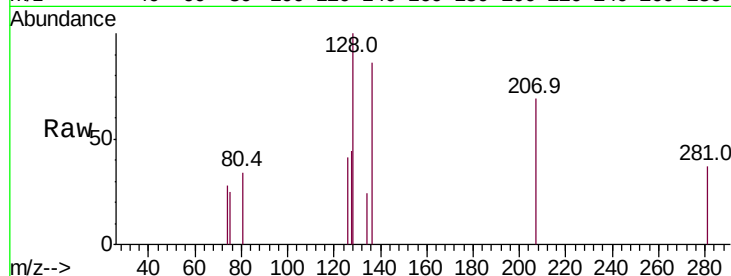




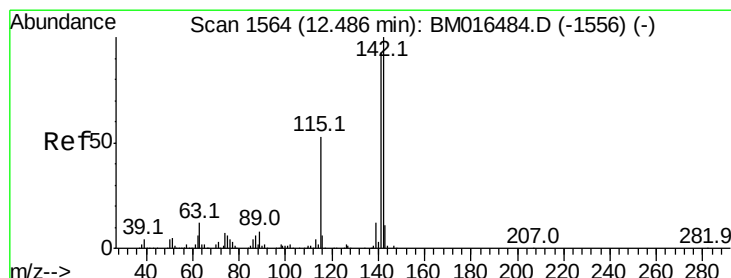
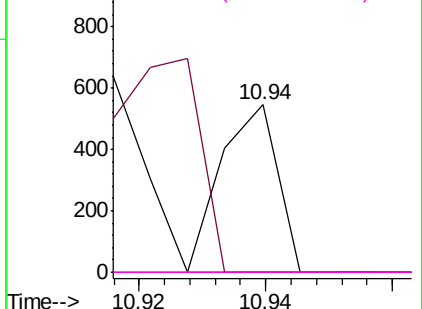
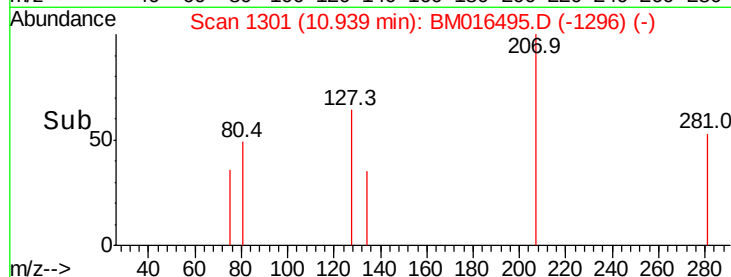
#33
4-Chloroaniline
Concen: 0.039 ng
RT: 10.94 min Scan# 1301
Delta R.T. -0.07 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	336
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.3	37.9#
65	0.0	17.6	26.4#
92	0.0	13.1	19.7#

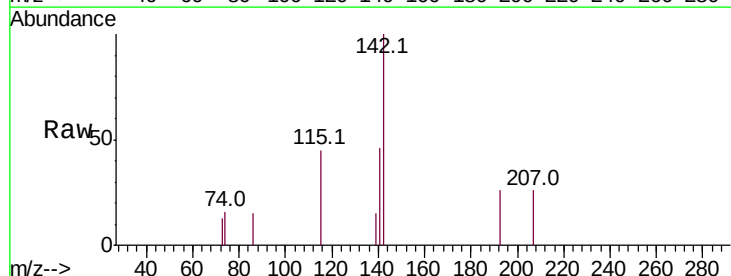


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

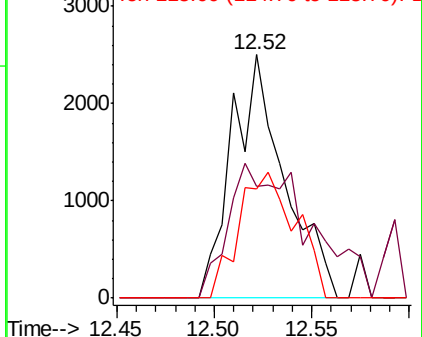
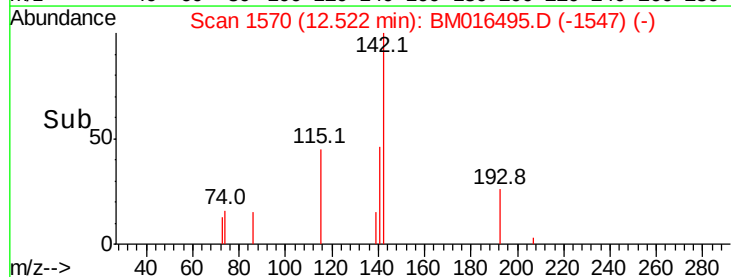


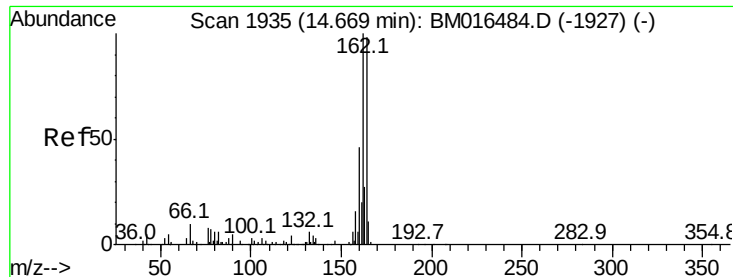
#37
2-Methylnaphthalene
Concen: 0.295 ng
RT: 12.52 min Scan# 1570
Delta R.T. 0.04 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:	142	Resp:	4678
Ion	Ratio	Lower	Upper
142	100		
141	46.1	71.9	107.9#
115	45.1	25.4	38.0#



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

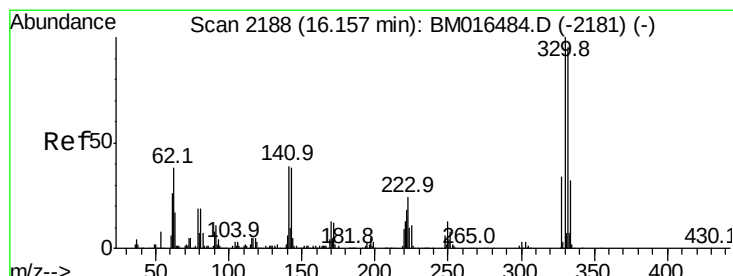
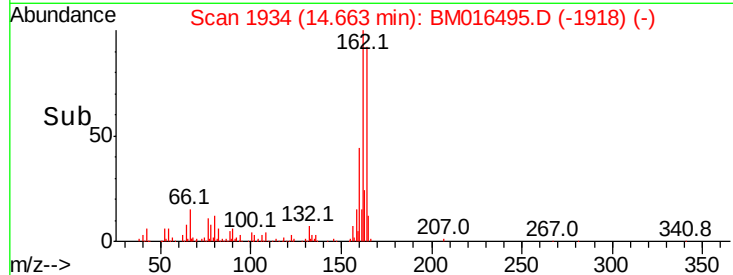
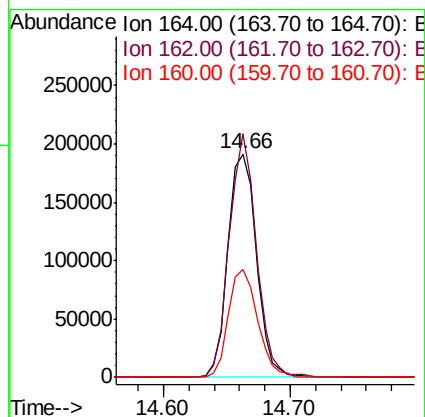
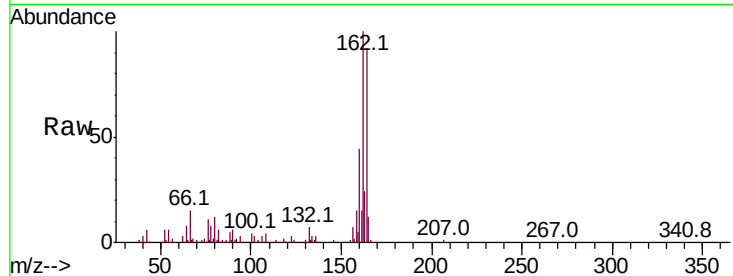




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

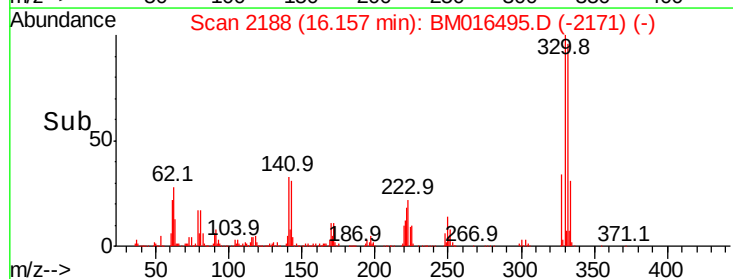
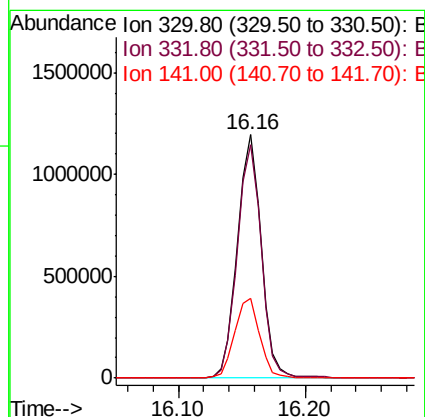
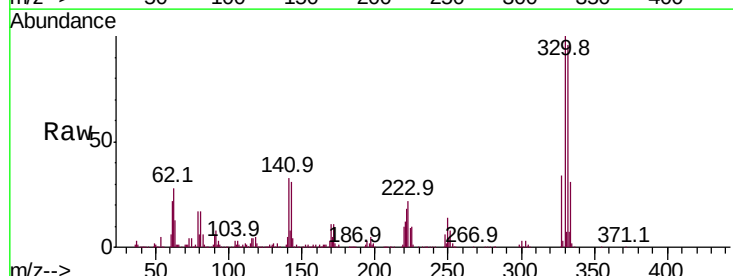
Instrument :
BNA_M
ClientSampled :

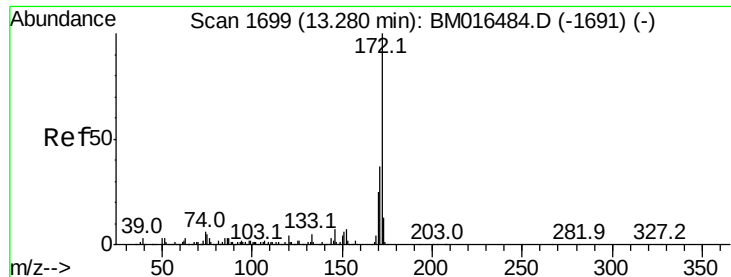
Tot Ion:164 Resp: 298272
Ion Ratio Lower Upper
164 100
162 108.8 82.4 123.6
160 48.4 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:330 Resp: 1550765
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 34.6 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: N.D. ng

RT: 13.28 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

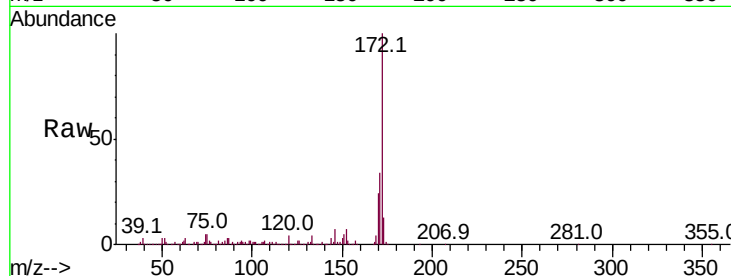
Instrument :

BNA_M

ClientSampleId :

Tot Ion:172 Resp: 3452682

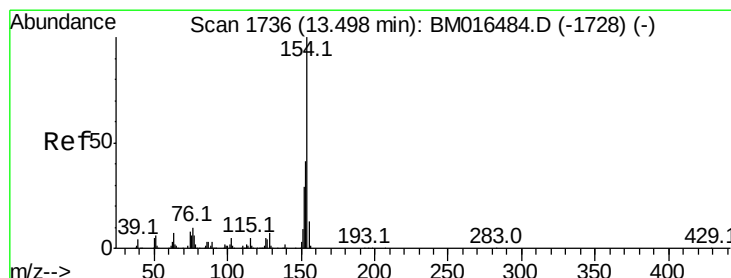
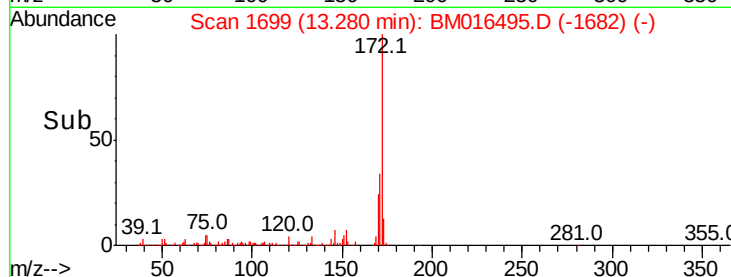
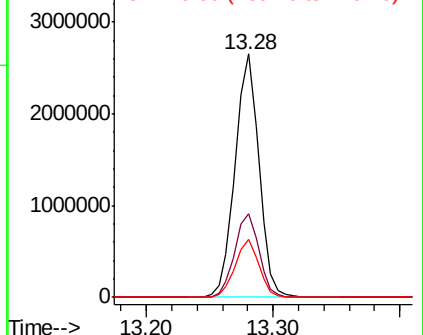
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	24.0	18.8	28.2



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: 0.099 ng

RT: 13.51 min Scan# 1738

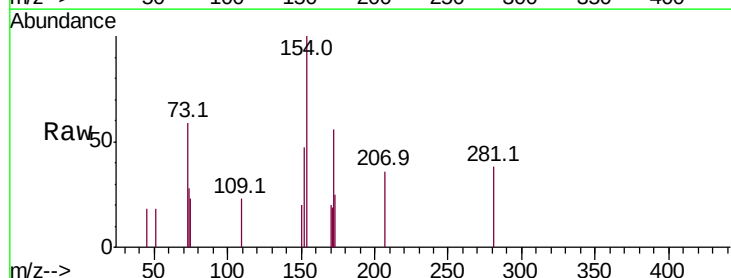
Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Tgt Ion:154 Resp: 2579

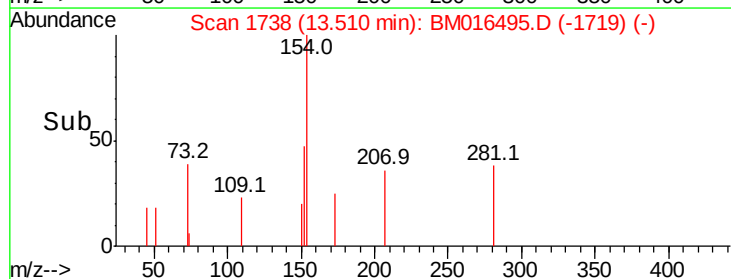
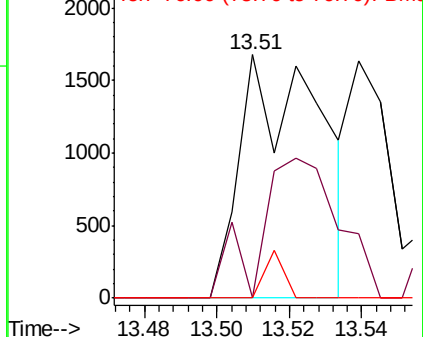
Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.7	60.7#
76	0.0	0.0	30.9

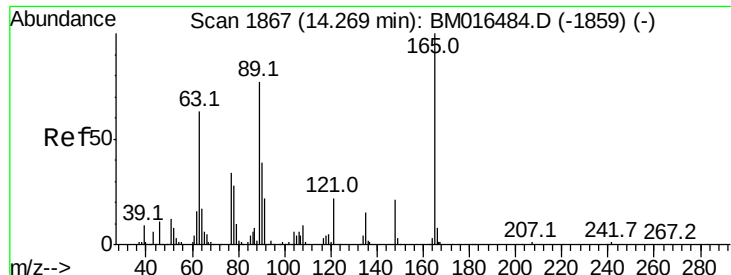


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

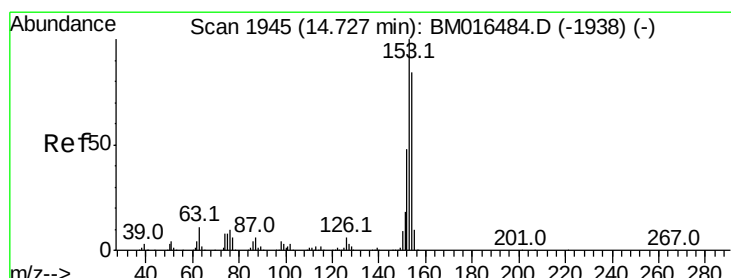
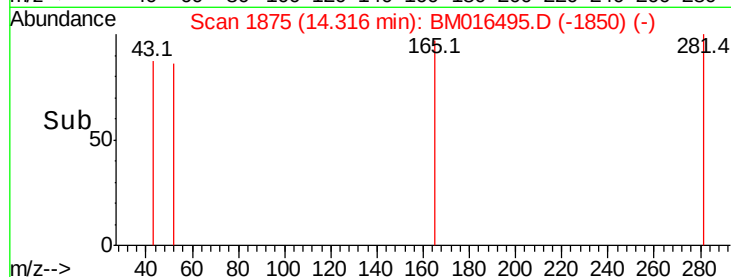
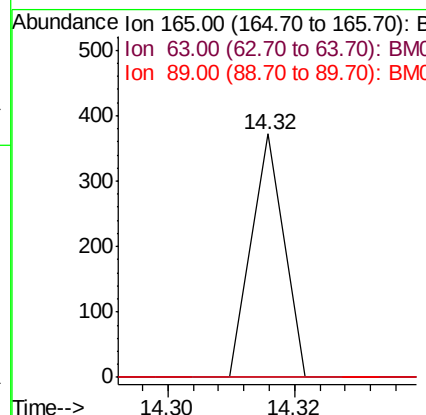
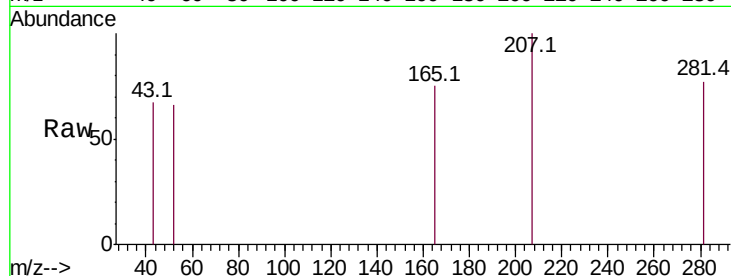




#50
 2,6-Dinitrotoluene
 Concen: 0.023 ng
 RT: 14.32 min Scan# 1875
 Delta R.T. 0.05 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

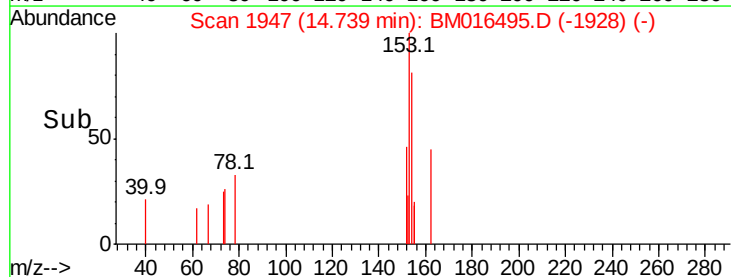
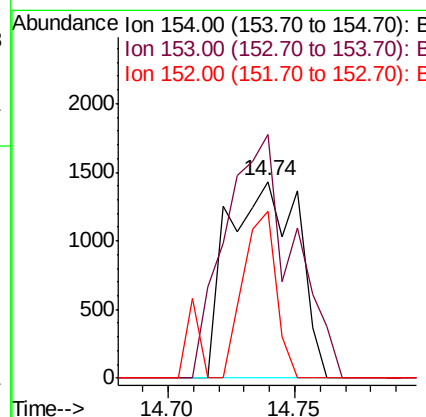
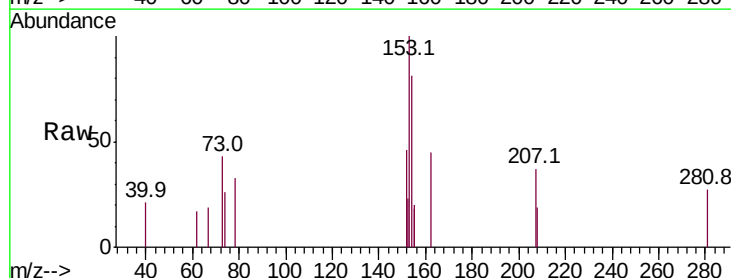
Instrument :
 BNA_M
 ClientSampled :

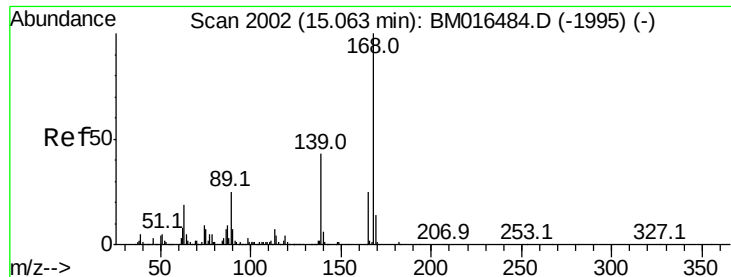
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#51
 Acenaphthene
 Concen: 0.149 ng
 RT: 14.74 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	123.8	90.0	135.0
152	84.9	42.6	63.8#





#54

Dibenzofuran

Concen: 0.084 ng

RT: 15.11 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampled :

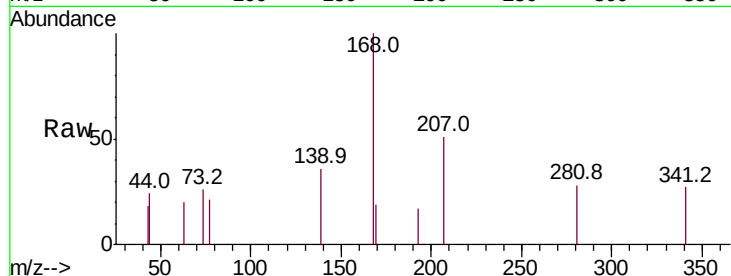
Tot Ion:168 Resp: 2947

Ion Ratio Lower Upper

168 100

139 36.2 27.3 40.9

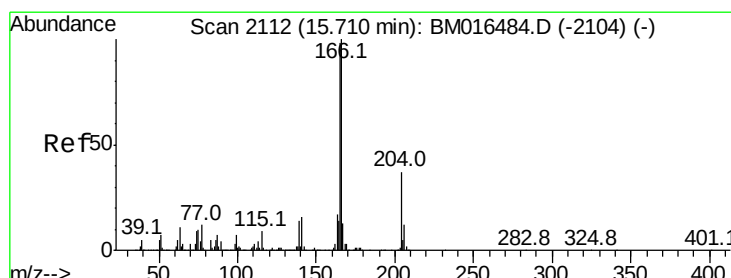
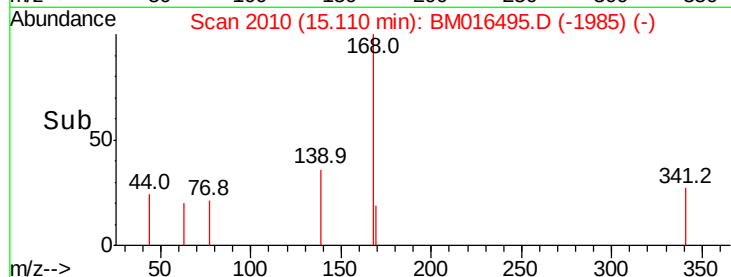
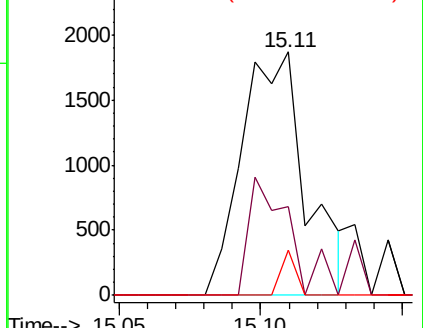
169 18.5 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 0.148 ng

RT: 15.73 min Scan# 2115

Delta R.T. 0.02 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

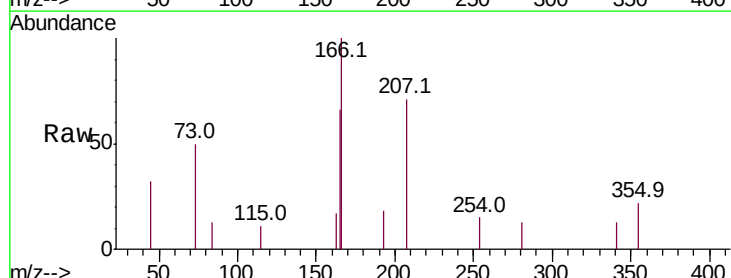
Tgt Ion:166 Resp: 3951

Ion Ratio Lower Upper

166 100

165 66.2 79.0 118.4#

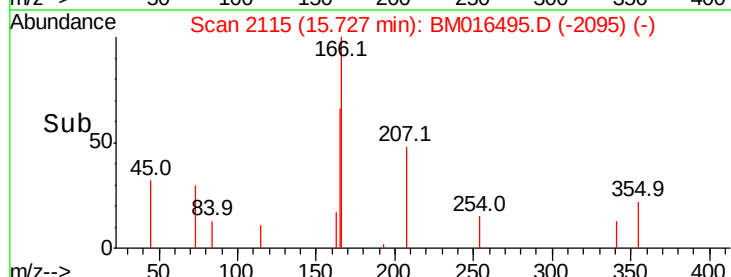
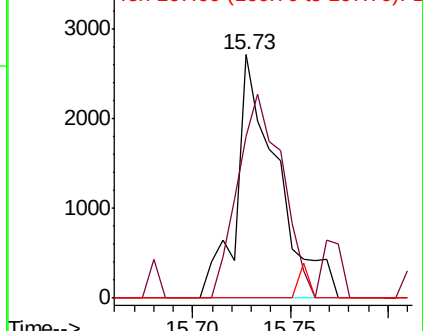
167 0.0 10.3 15.5#

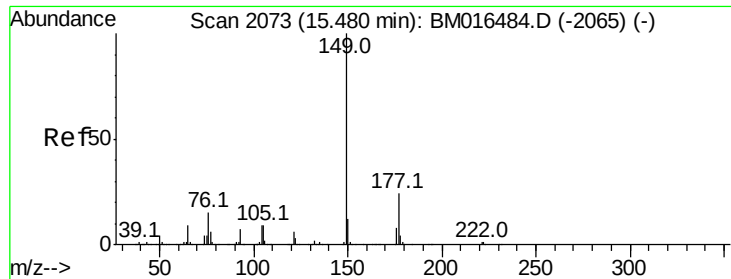


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

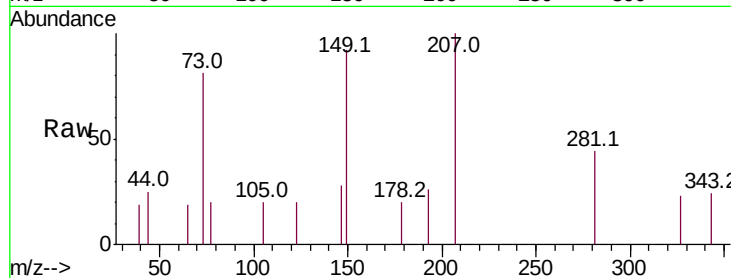




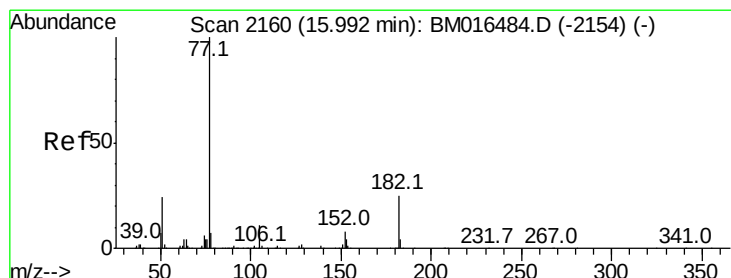
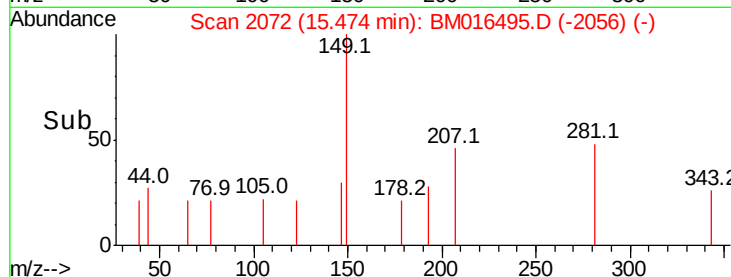
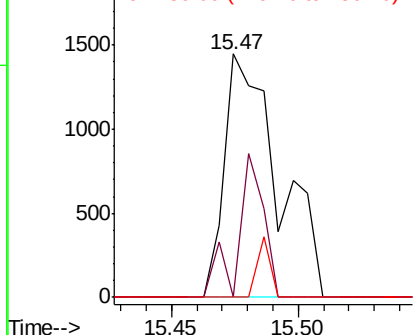
#59
Diethylphthalate
Concen: 0.072 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 2138
Ion Ratio Lower Upper
149 100
177 0.0 18.3 27.5#
150 0.0 9.8 14.8#

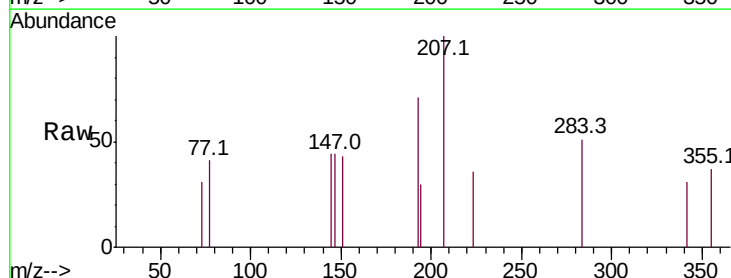


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

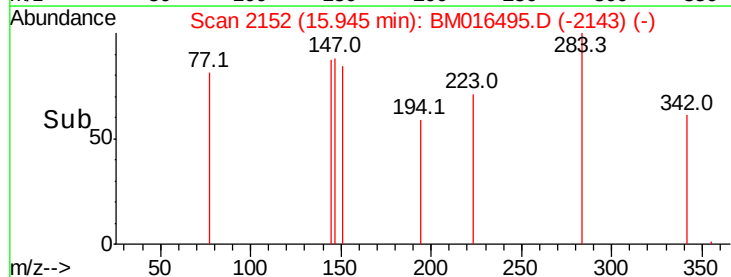
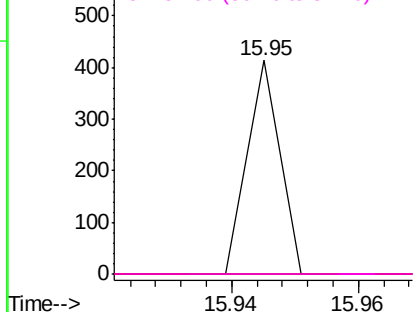


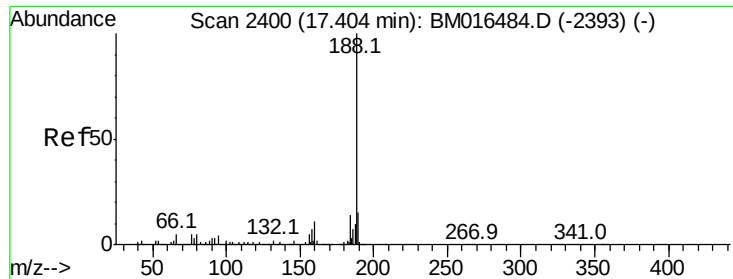
#62
Azobenzene
Concen: 0.005 ng
RT: 15.95 min Scan# 2152
Delta R.T. -0.05 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion: 77 Resp: 146
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

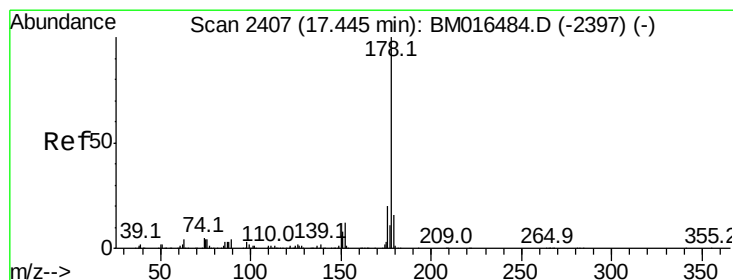
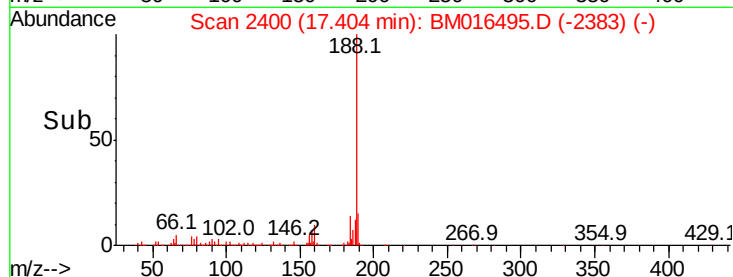
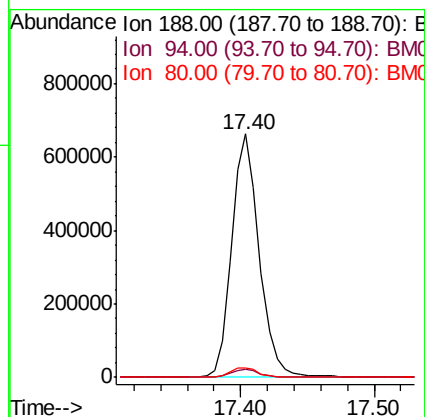
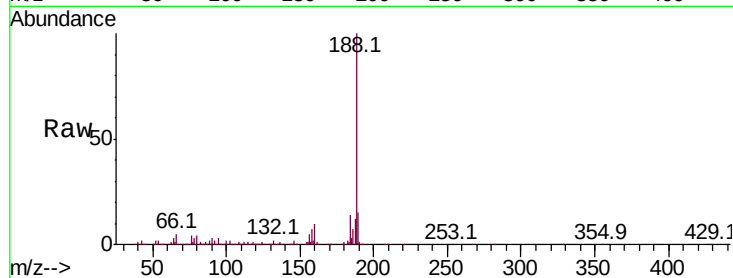




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

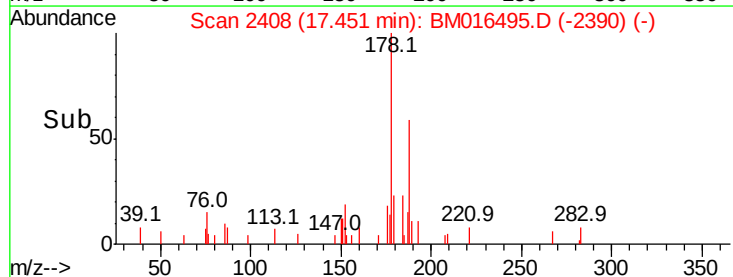
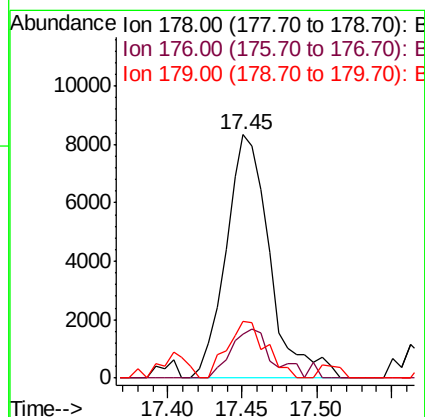
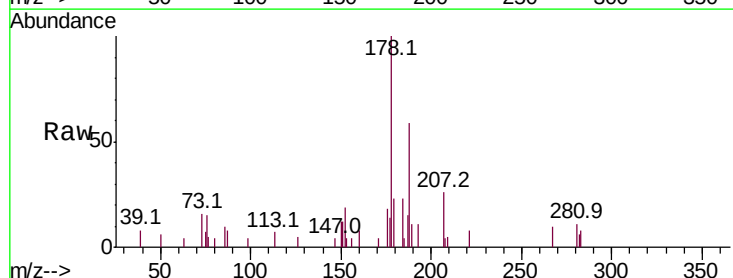
Instrument :
BNA_M
ClientSampleId :

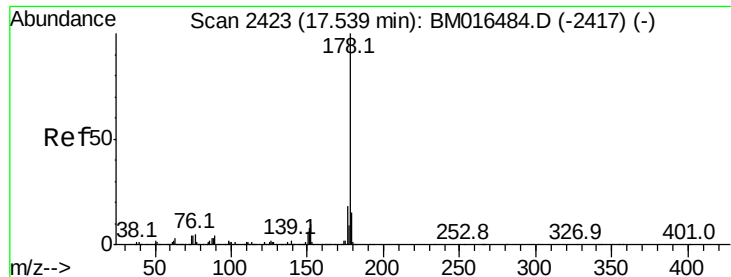
Tot Ion:188 Resp: 952301
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 4.0 9.3 13.9#



#70
Phenanthrene
Concen: 0.346 ng
RT: 17.45 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:178 Resp: 17006
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 23.1 12.1 18.1#

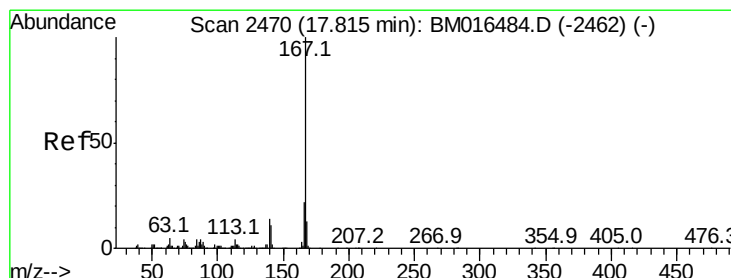
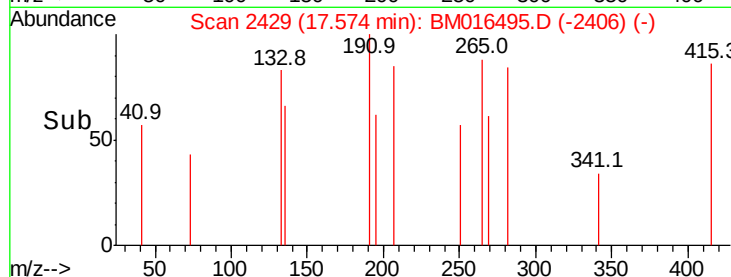
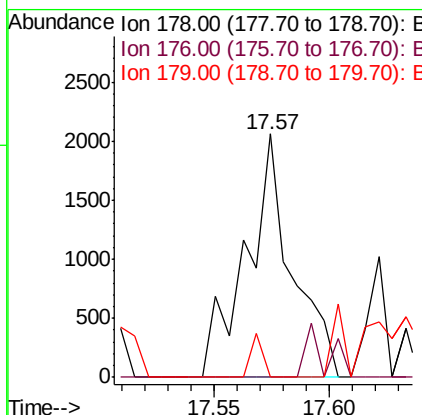
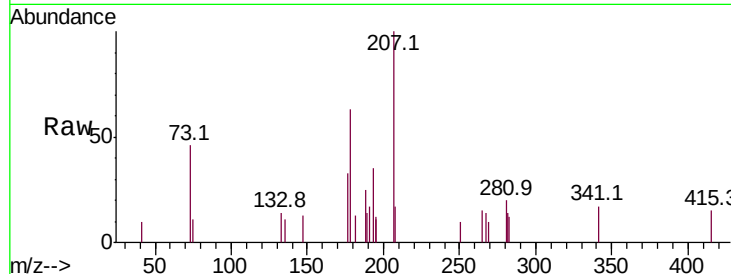




#71
 Anthracene
 Concen: 0.058 ng
 RT: 17.57 min Scan# 2429
 Delta R.T. 0.04 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

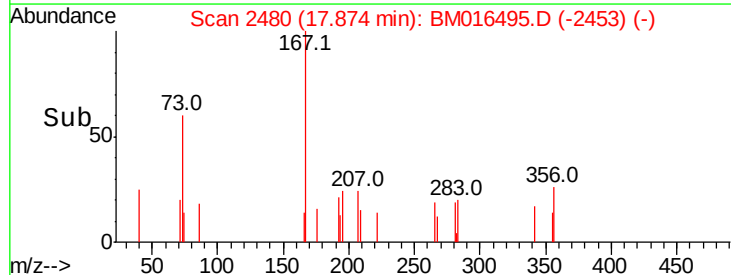
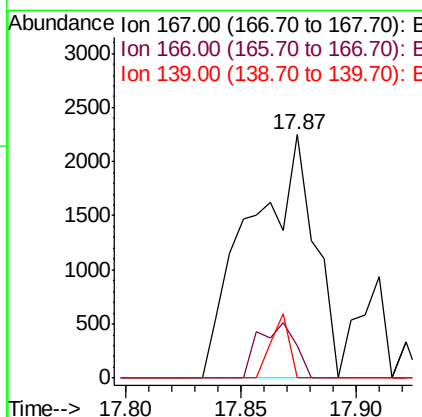
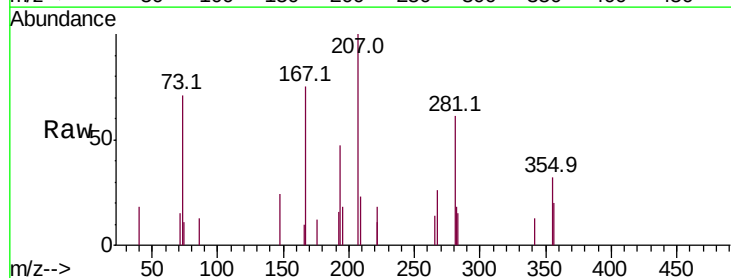
Instrument :
 BNA_M
 ClientSampleId :

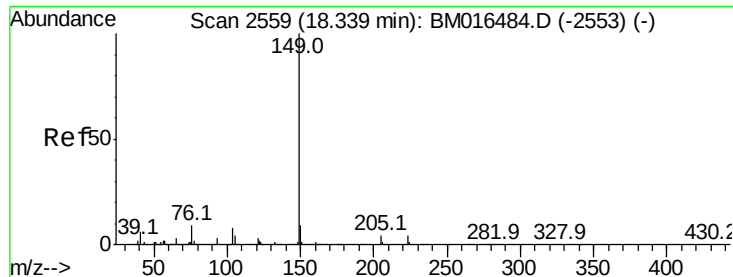
Tot Ion:178 Resp: 2850
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.6 22.0#
 179 0.0 12.6 19.0#



#72
 Carbazole
 Concen: 0.099 ng
 RT: 17.87 min Scan# 2480
 Delta R.T. 0.06 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion:167 Resp: 4338
 Ion Ratio Lower Upper
 167 100
 166 13.6 17.2 25.8#
 139 0.0 10.8 16.2#

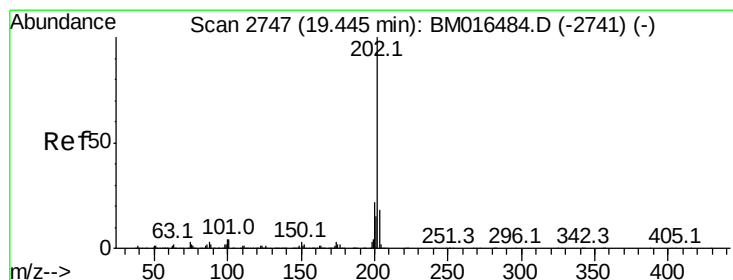
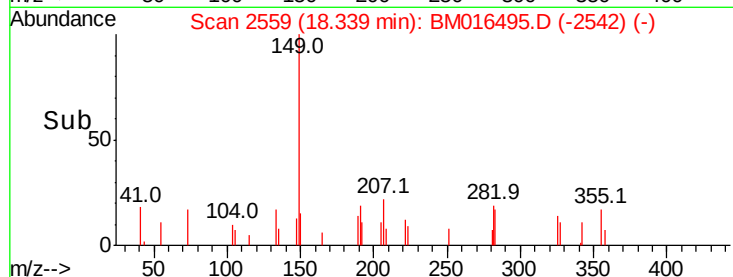
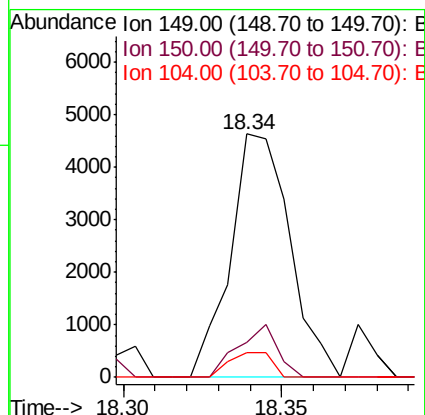
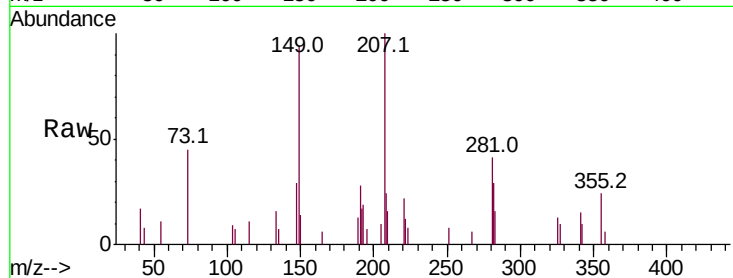




#73
Di-n-butylphthalate
Concen: 0.113 ng
RT: 18.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

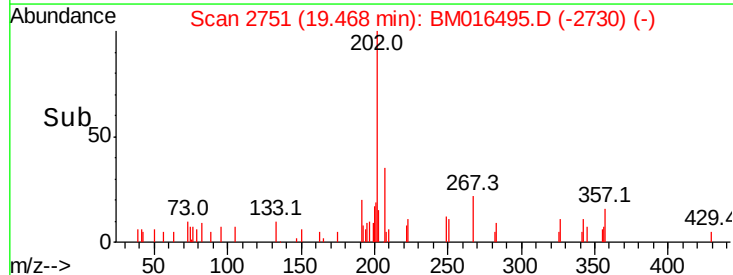
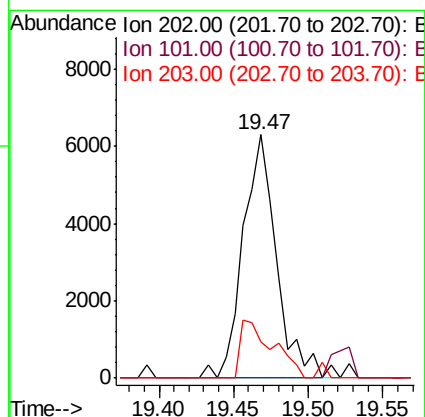
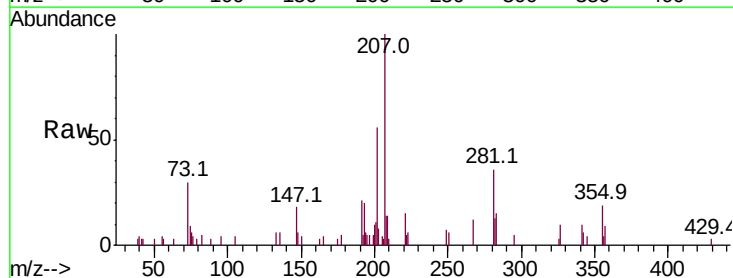
Instrument :
BNA_M
ClientSampleId :

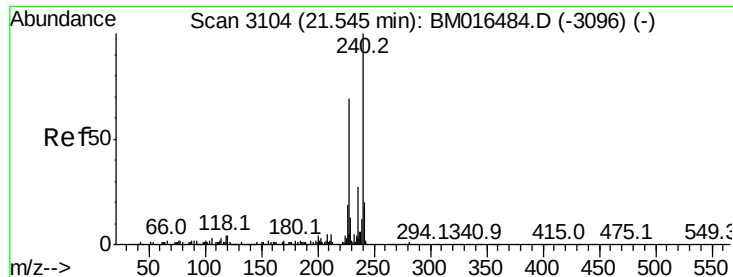
Tot Ion:149 Resp: 6033
Ion Ratio Lower Upper
149 100
150 14.6 7.5 11.3#
104 9.9 3.7 5.5#



#74
Fluoranthene
Concen: 0.136 ng
RT: 19.47 min Scan# 2751
Delta R.T. 0.02 min
Lab File: BM016495.D
Acq: 21 Aug 2018 22:06

Tgt Ion:202 Resp: 9849
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 14.9 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: BM016495.D

Acq: 21 Aug 2018 22:06

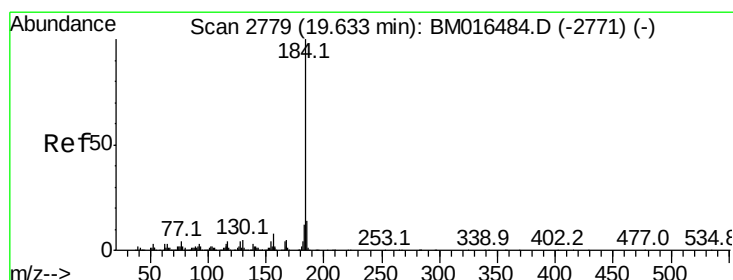
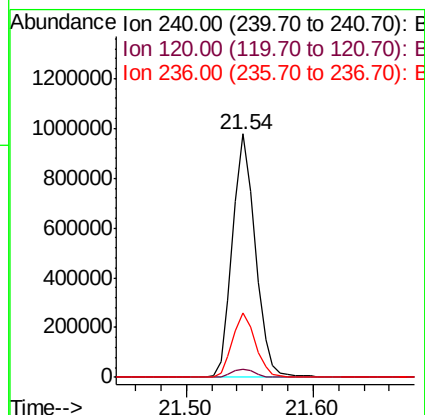
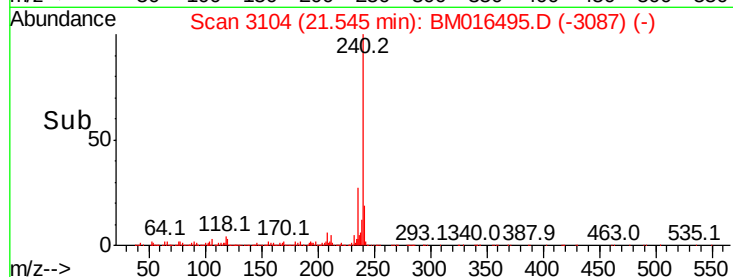
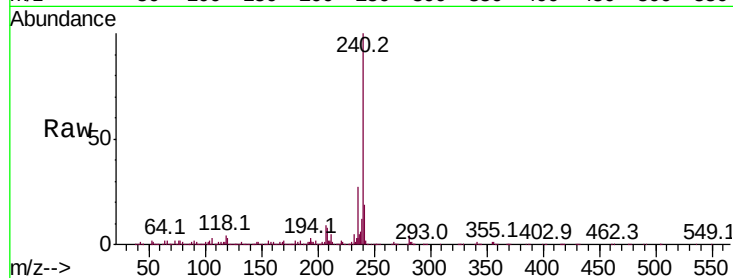
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1220463

Ion	Ratio	Lower	Upper
240	100		
120	3.3	8.2	12.2#
236	26.5	20.0	30.0



#76

Benzidine

Concen: 0.411 ng

RT: 19.67 min Scan# 2786

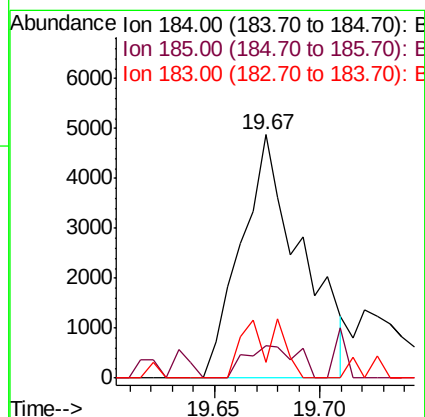
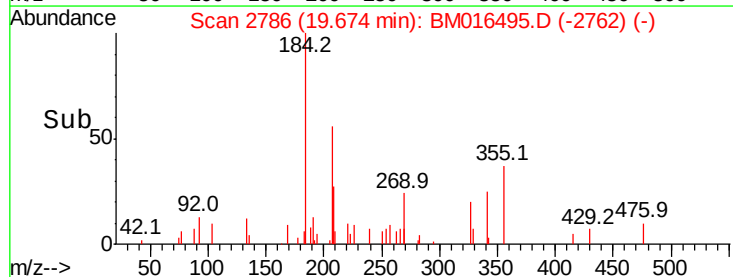
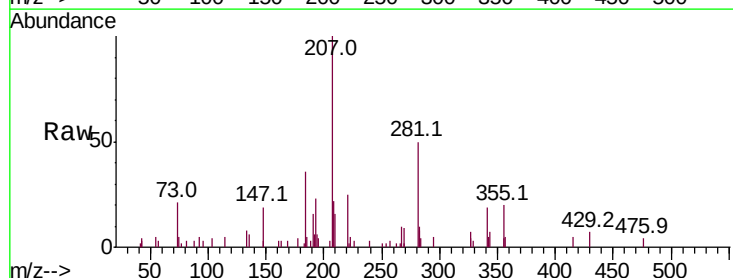
Delta R.T. 0.04 min

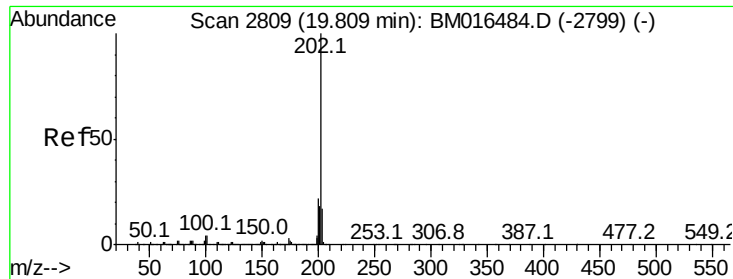
Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Tgt Ion:184 Resp: 9645

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	6.3	8.9	13.3#





#77

Pvrene

Concen: 0.161 ng

RT: 19.82 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

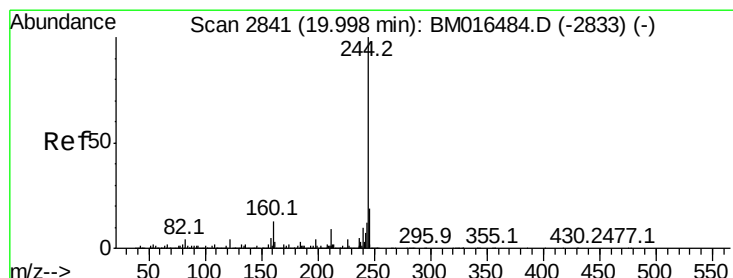
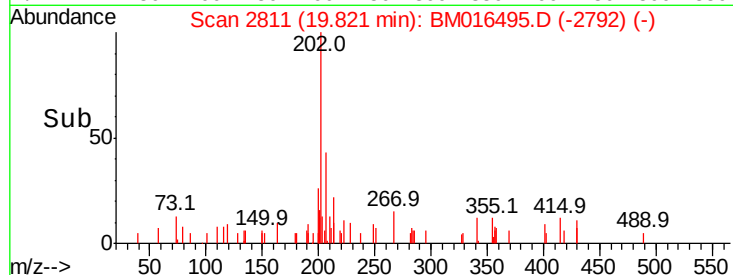
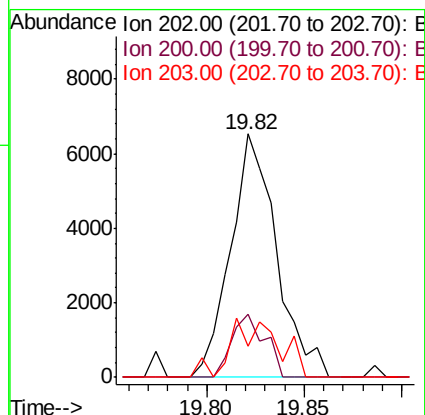
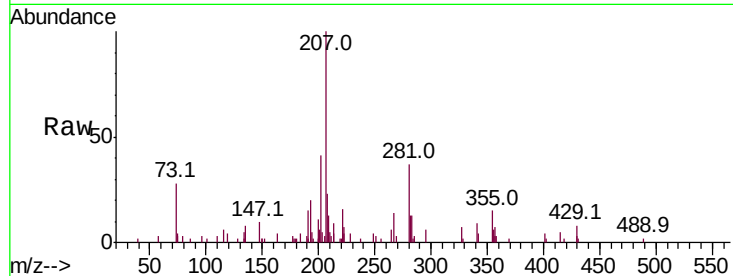
Tot Ion:202 Resp: 10663

Ion Ratio Lower Upper

202 100

200 26.0 16.9 25.3#

203 12.8 14.1 21.1#



#78

Terphenyl-d14

Concen: 0.161 ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

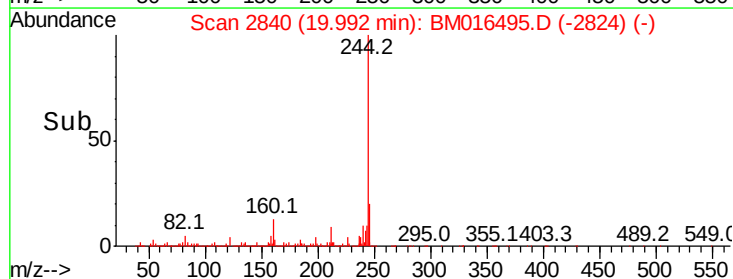
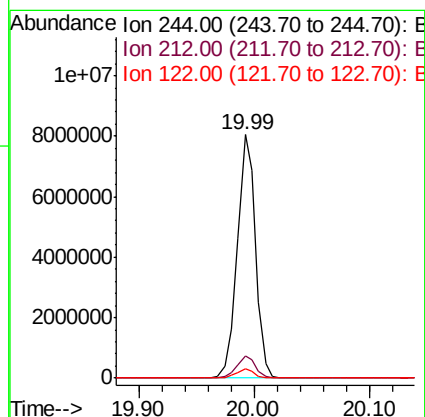
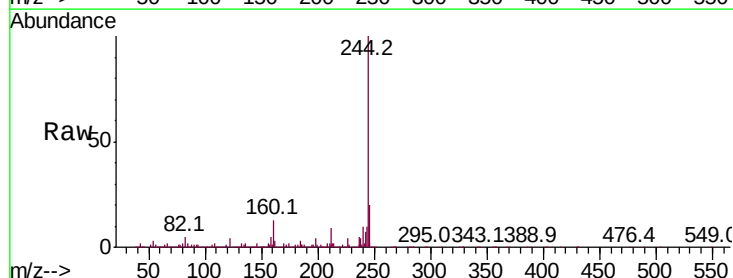
Tgt Ion:244 Resp: 8730872

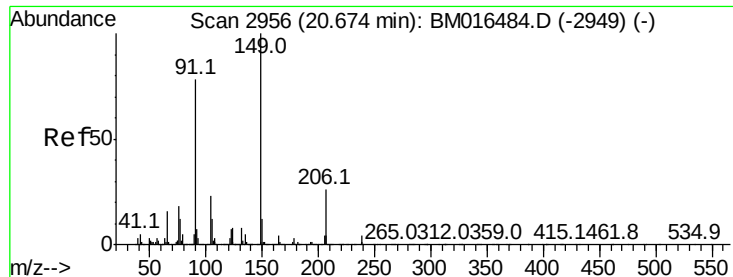
Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

122 3.7 6.2 9.4#

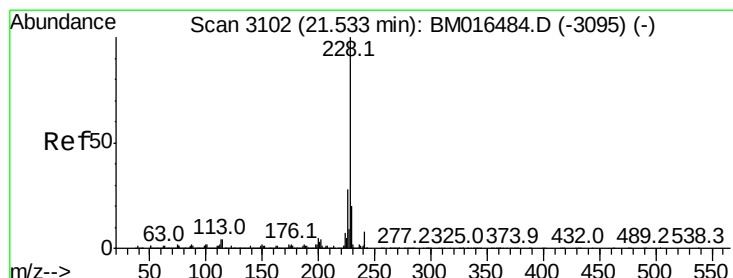
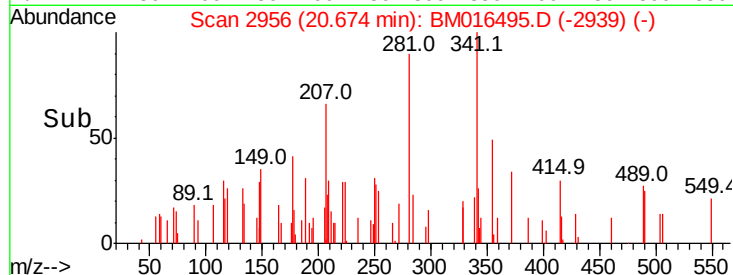
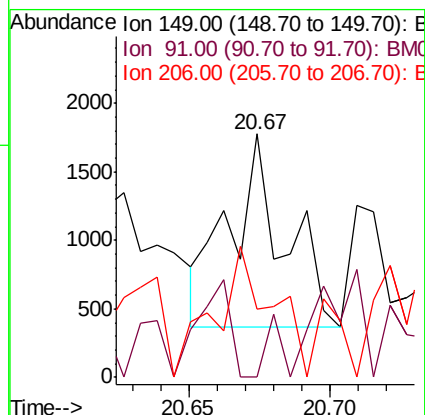
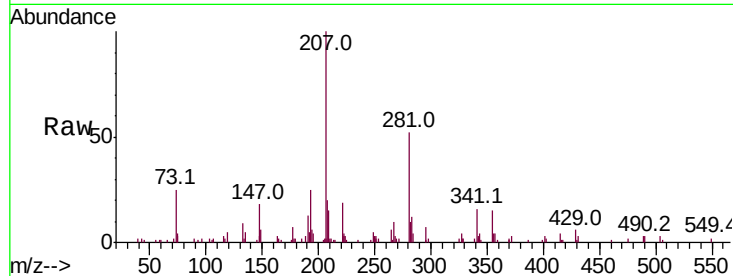




#79
 Butylbenzylphthalate
 Concen: 0.083 ng
 RT: 20.67 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

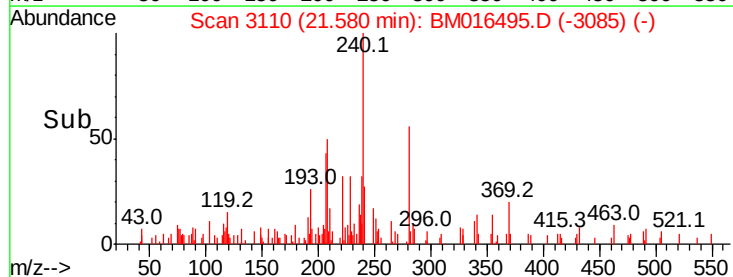
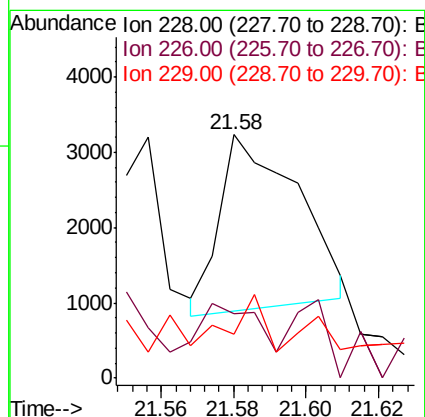
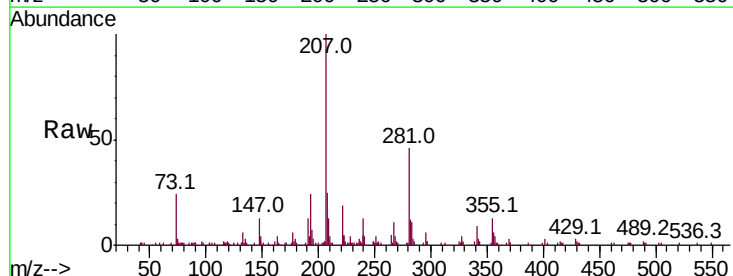
Instrument :
 BNA_M
 ClientSampled :

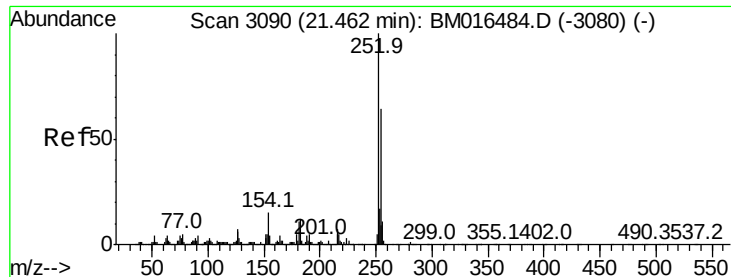
Tot Ion	Ratio	Lower	Upper
149	100		
91	0.0	50.1	75.1#
206	28.1	16.2	24.2#



#80
 Benzo(a)anthracene
 Concen: 0.048 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. 0.05 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	18.3	16.0	24.0

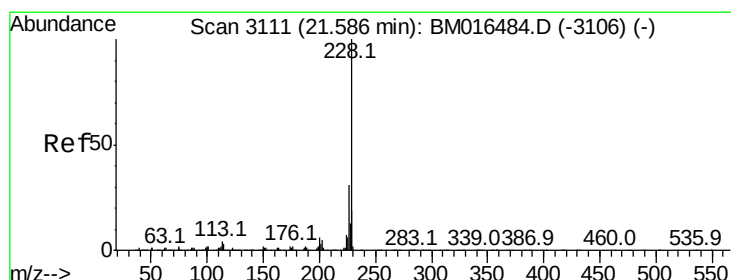
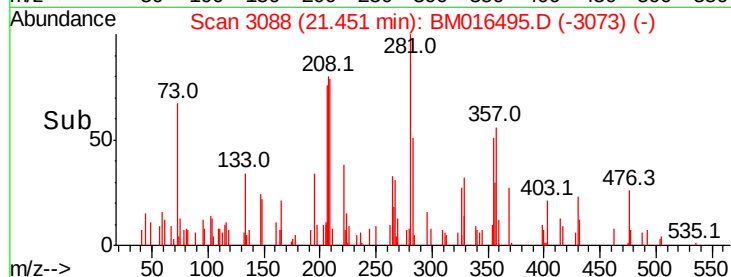
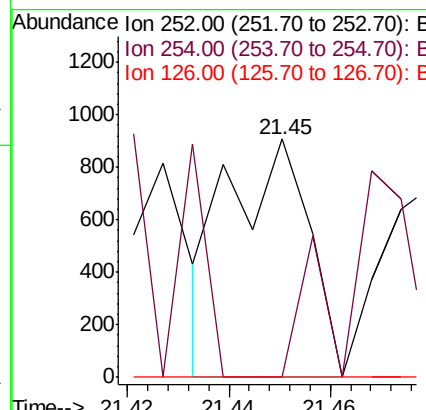
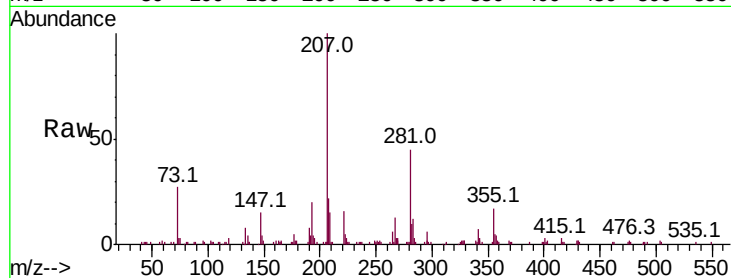




#81
 3,3'-Dichlorobenzidine
 Concen: 0.031 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

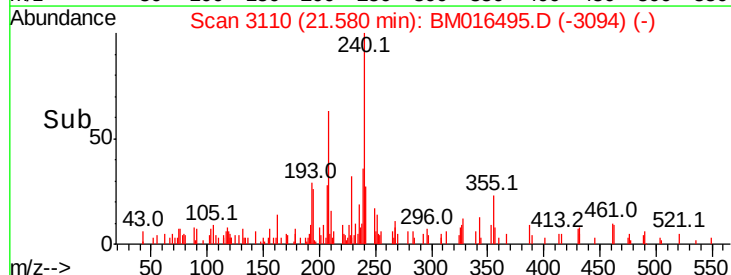
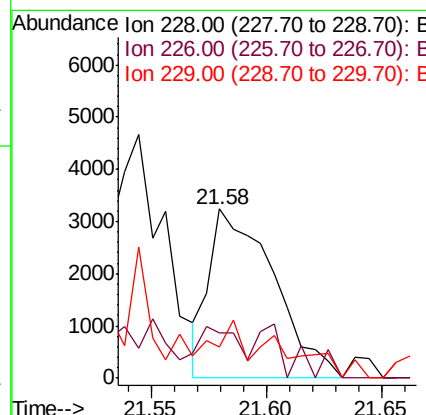
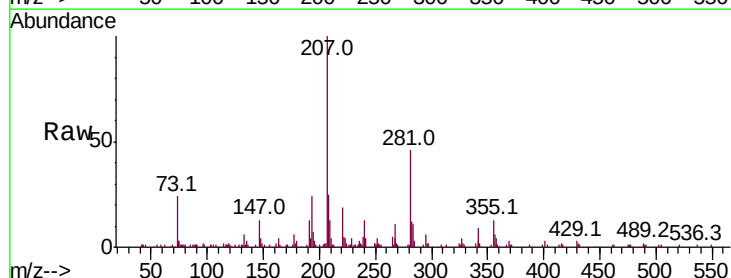
Instrument :
 BNA_M
 ClientSampleId :

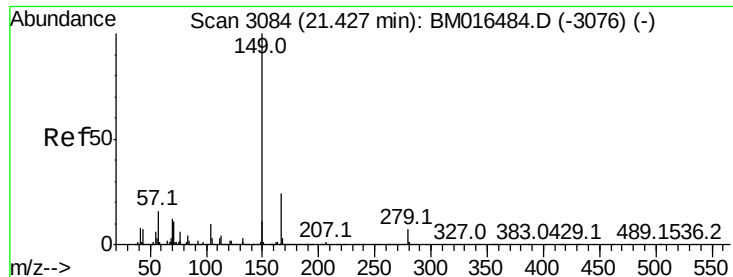
Tot Ion:252 Resp: 998
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.092 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion:228 Resp: 6293
 Ion Ratio Lower Upper
 228 100
 226 26.6 24.1 36.1
 229 18.3 15.5 23.3

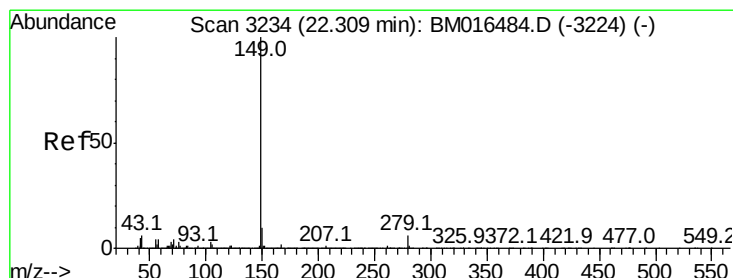
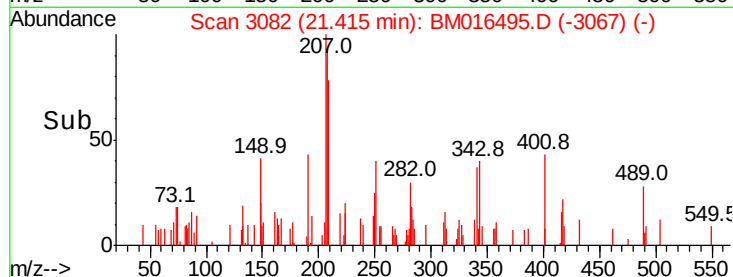
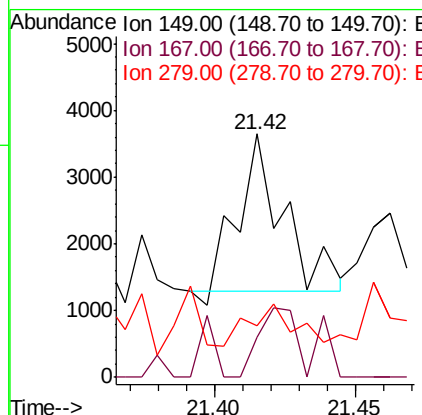
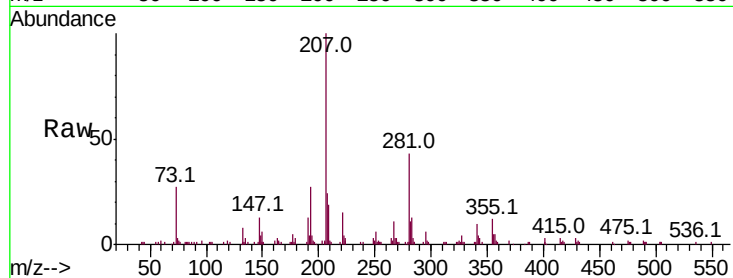




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.42 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

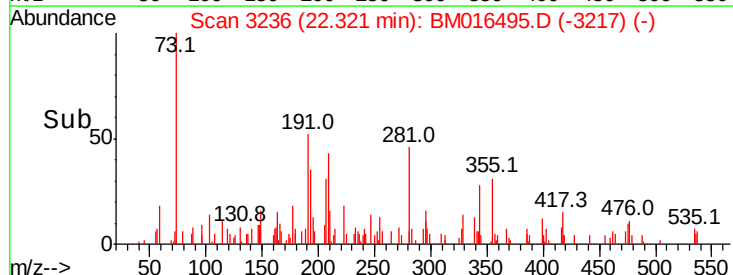
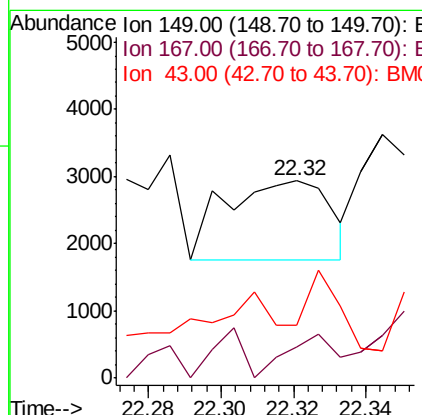
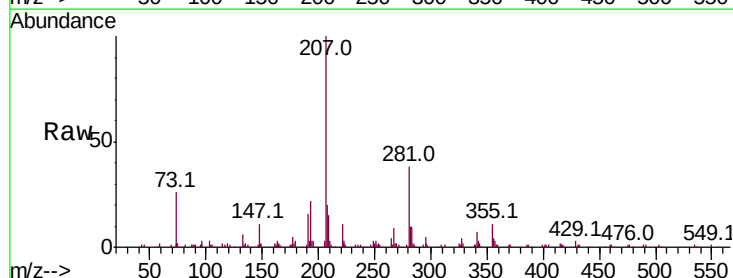
Instrument :
 BNA_M
 ClientSampled :

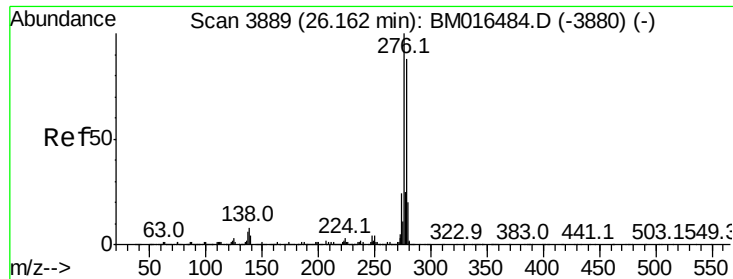
Tot Ion:149 Resp: 2586
 Ion Ratio Lower Upper
 149 100
 167 16.7 22.4 33.6#
 279 21.1 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.042 ng
 RT: 22.32 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BM016495.D
 Acq: 21 Aug 2018 22:06

Tgt Ion:149 Resp: 2366
 Ion Ratio Lower Upper
 149 100
 167 26.0 1.2 1.8#
 43 33.9 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

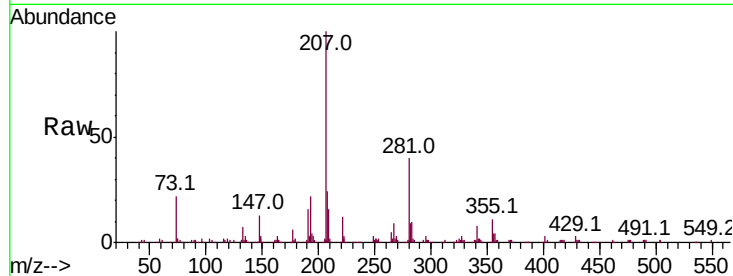
Tot Ion:276 Resp: 107

Ion Ratio Lower Upper

276 100

138 0.0 12.0 18.0#

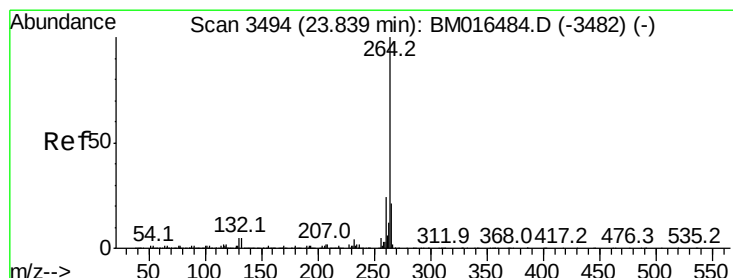
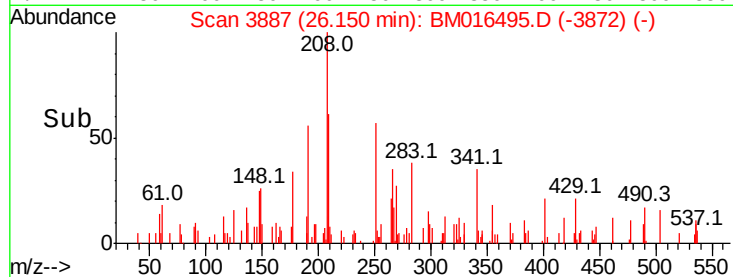
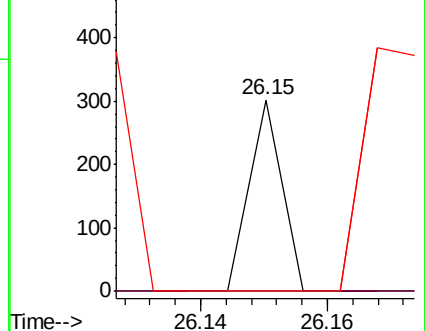
277 249.5 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.83 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

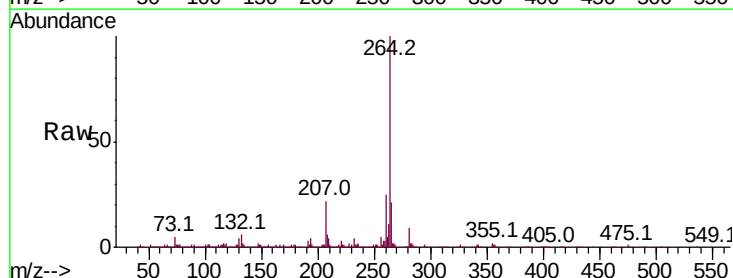
Tgt Ion:264 Resp: 1421794

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

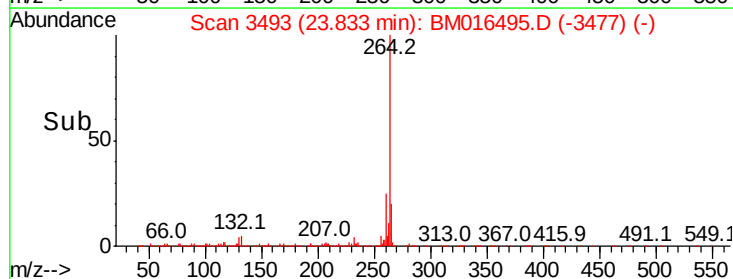
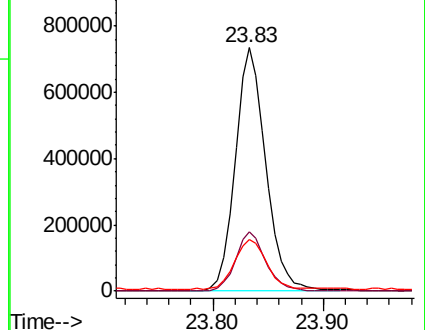
265 21.4 17.3 25.9

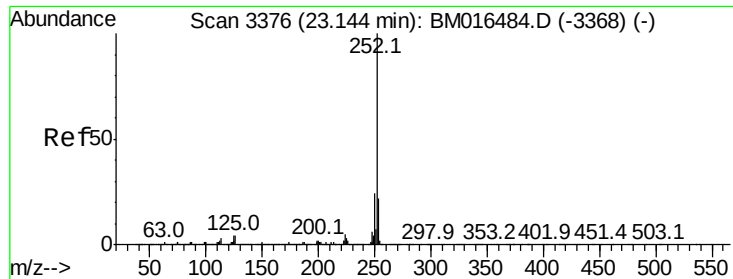


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.14 min Scan# 3376

Delta R.T. 0.00 min

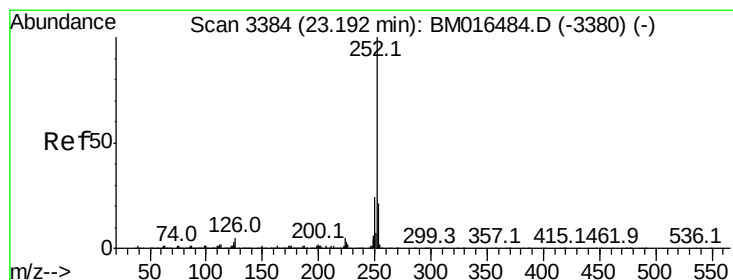
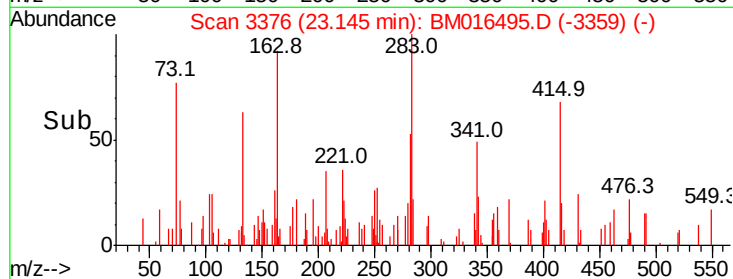
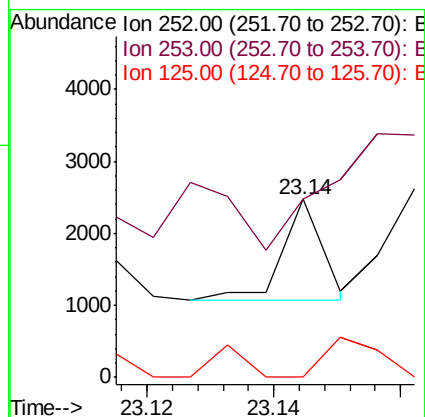
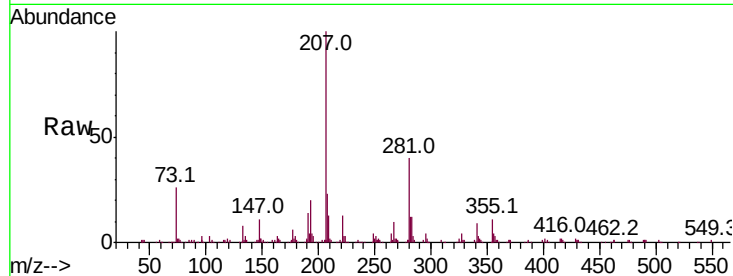
Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 621

Ion	Ratio	Lower	Upper
252	100		
253	100.0	18.0	27.0#
125	0.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 0.048 ng

RT: 23.18 min Scan# 3382

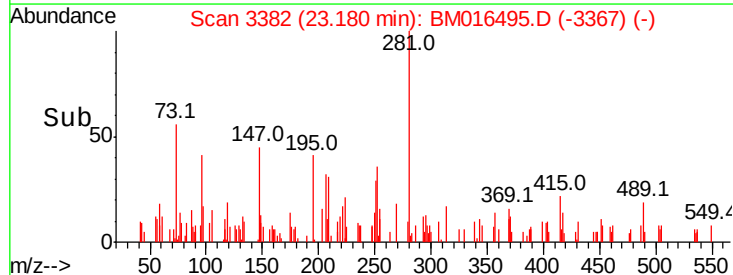
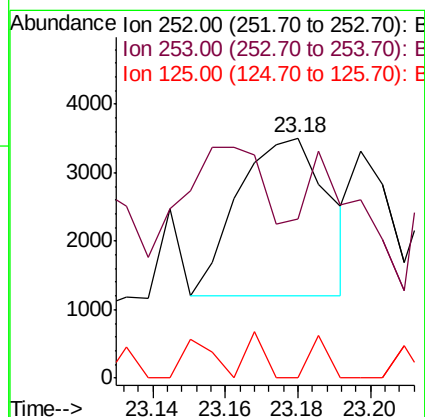
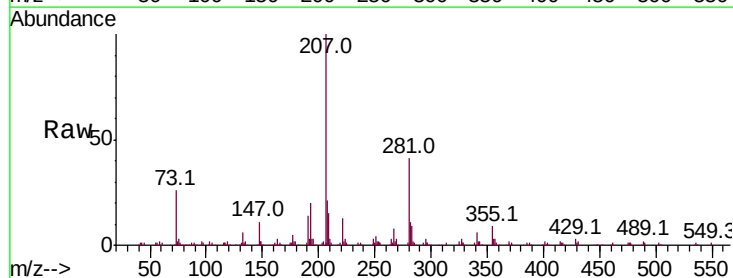
Delta R.T. -0.01 min

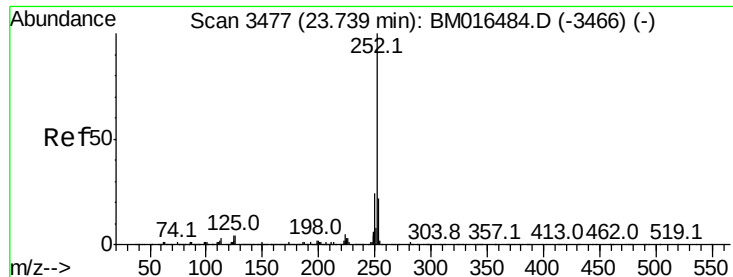
Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Tgt Ion:252 Resp: 4006

Ion	Ratio	Lower	Upper
252	100		
253	66.3	17.2	25.8#
125	0.0	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.070 ng

RT: 23.75 min Scan# 3479

Delta R.T. 0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampled :

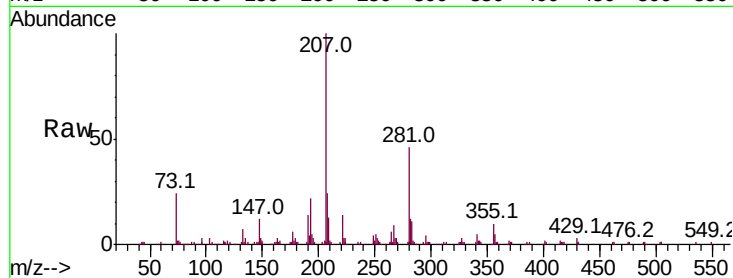
Tot Ion:252 Resp: 5574

Ion Ratio Lower Upper

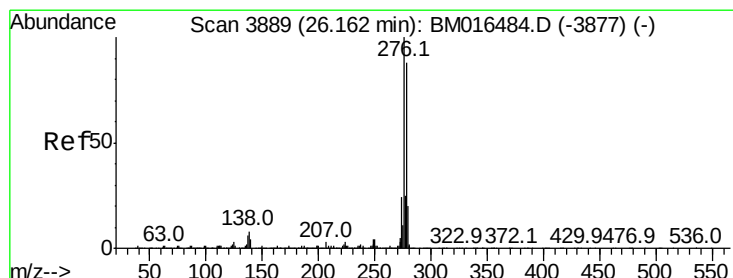
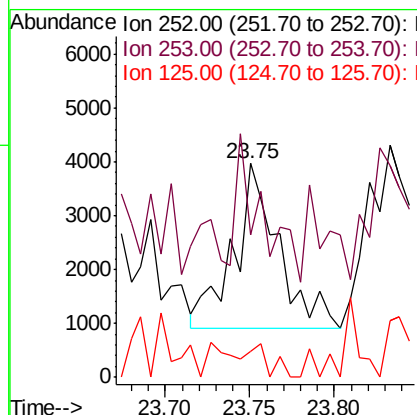
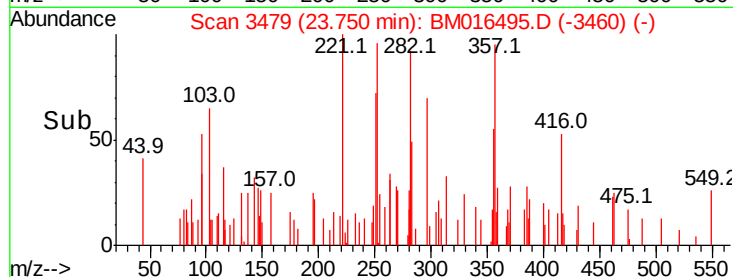
252 100

253 66.7 17.6 26.4#

125 11.9 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: 0.003 ng

RT: 26.15 min Scan# 3887

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

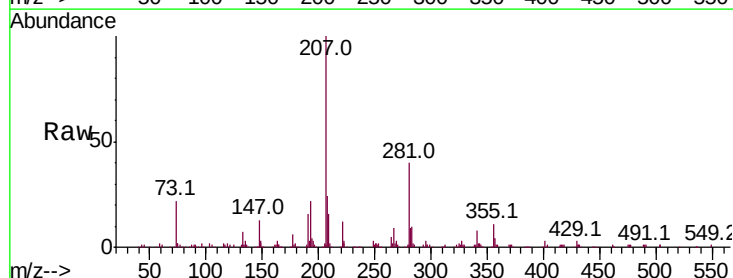
Tgt Ion:278 Resp: 280

Ion Ratio Lower Upper

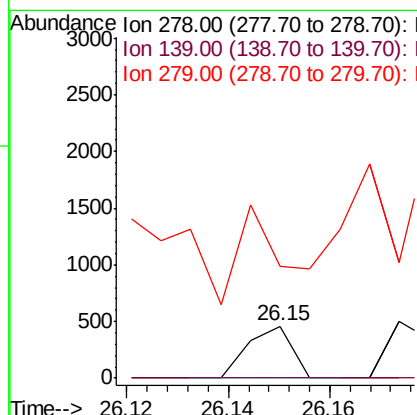
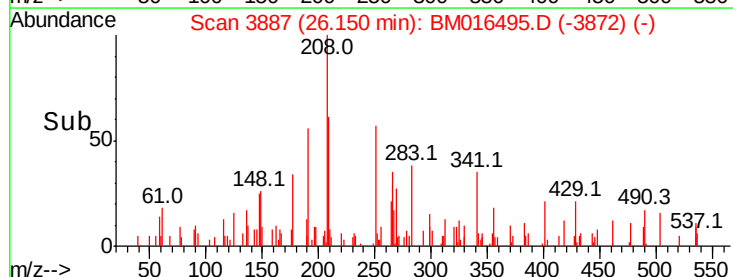
278 100

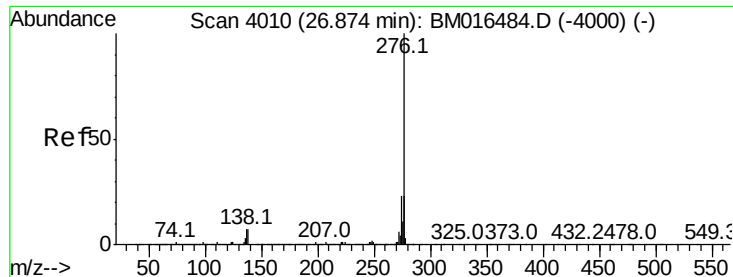
139 0.0 13.4 20.0#

279 216.1 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: 0.004 ng

RT: 26.86 min Scan# 4008

Delta R.T. -0.01 min

Lab File: BM016495.D

Acq: 21 Aug 2018 22:06

Instrument :

BNA_M

ClientSampleId :

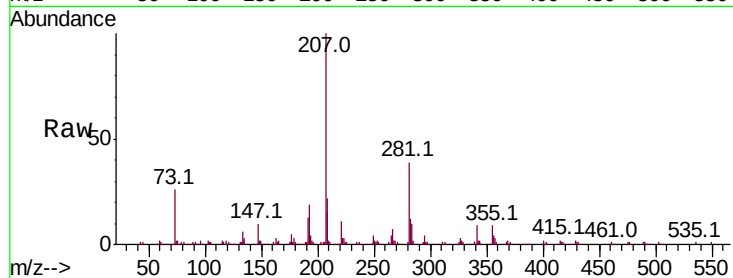
Tot Ion: 276 Resp: 322

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

800 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

