

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016493.D
 Acq On : 21 Aug 2018 20:53
 Operator : SJ/JU
 Sample : J4523-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 21 23:23:46 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	166829	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	549343	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	370047	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1173793	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1457380	20.00	ng	0.00
86) Perylene-d12	23.83	264	904075	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1293126	151.89	ng	0.00
7) Phenol-d6	7.20	99	1479401	131.32	ng	0.00
23) Nitrobenzene-d5	9.21	82	1429780	118.84	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2280791	220.49	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4758684	123.61	ng	0.00
78) Terphenyl-d14	20.00	244	9208373	133.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	206	0.044	ng	# 100
3) Pyridine	3.77	79	308	0.031	ng	# 26
4) n-Nitrosodimethylamine	3.72	42	171	0.039	ng	# 1
6) Aniline	7.37	93	119	0.009	ng	# 25
8) 2-Chlorophenol	7.55	128	349	0.034	ng	# 1
9) Benzaldehyde	7.20	77	7206	0.922	ng	# 7
10) Phenol	7.23	94	238	0.021	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	113	0.014	ng	# 23
14) 1,2-Dichlorobenzene	8.33	146	236	0.017	ng	# 1
15) Benzyl Alcohol	8.33	79	31206	2.983	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.47	45	116	0.020	ng	# 66
17) 2-Methylphenol	8.40	107	108	0.013	ng	# 1
18) Hexachloroethane	9.11	117	336	0.053	ng	# 2
24) Nitrobenzene	9.26	77	641	0.053	ng	# 42
25) Isophorone	9.76	82	184	0.011	ng	# 62
31) Naphthalene	10.90	128	216	0.008	ng	# 69
35) Caprolactam	11.85	113	544	0.226	ng	# 10
36) 4-Chloro-3-methylphenol	12.18	107	397	0.041	ng	# 14
45) 1,1'-Biophenyl	13.52	154	4837	0.149	ng	# 81
47) 2-Nitroaniline	13.80	65	121	0.017	ng	# 1
51) Acenaphthene	14.67	154	2279	0.100	ng	# 5
59) Diethylphthalate	15.48	149	4682	0.126	ng	# 67
61) 4-Nitroaniline	15.74	138	138	0.022	ng	# 28
62) Azobenzene	16.00	77	760	0.019	ng	# 49
65) n-Nitrosodiphenylamine	15.96	169	108	0.003	ng	# 1
70) Phenanthrene	17.45	178	1164	0.019	ng	# 60
72) Carbazole	17.87	167	329	0.006	ng	# 59
73) Di-n-butylphthalate	18.34	149	3913	0.059	ng	# 87
74) Fluoranthene	19.47	202	238	0.003	ng	# 66
77) Pyrene	19.83	202	285	0.004	ng	# 57
79) Butylbenzylphthalate	20.67	149	3006	0.110	ng	# 53
80) Benzo(a)anthracene	21.54	228	5630	0.066	ng	# 80
81) 3,3'-Dichlorobenzidine	21.47	252	1456	0.038	ng	# 59
82) Chrysene	21.59	228	590	0.007	ng	# 50

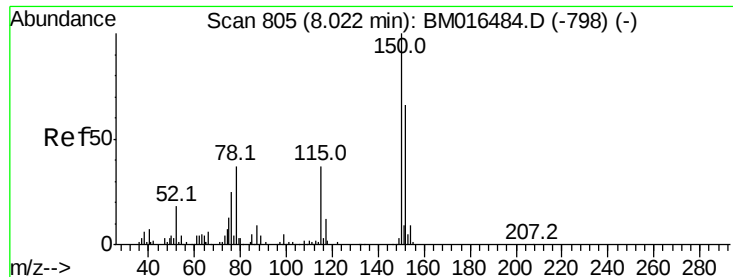
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016493.D
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 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	21.42	149	1442	0.035	nq	# 68
84) Di-n-octyl phthalate	22.29	149	1075	0.016	nq	# 8
87) Benzo(b)fluoranthene	23.16	252	1171	0.022	nq	# 1
88) Benzo(k)fluoranthene	23.20	252	1285	0.024	nq	# 1
89) Benzo(a)pyrene	23.74	252	1587	0.031	nq	# 1
90) Dibenzo(a,h)anthracene	26.13	278	132	0.002	nq	# 1
91) Benzo(q,h,i)perylene	26.90	276	211	0.004	nq	# 52

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

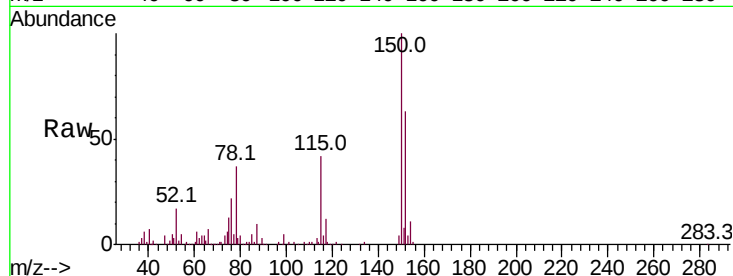


#1

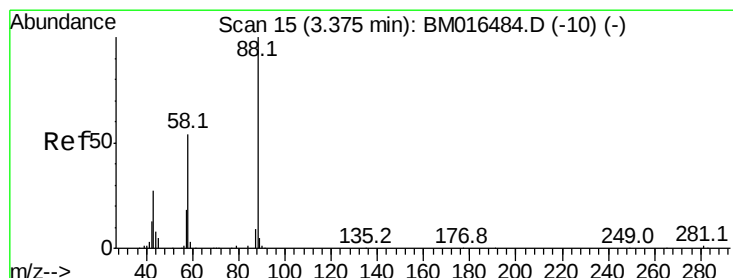
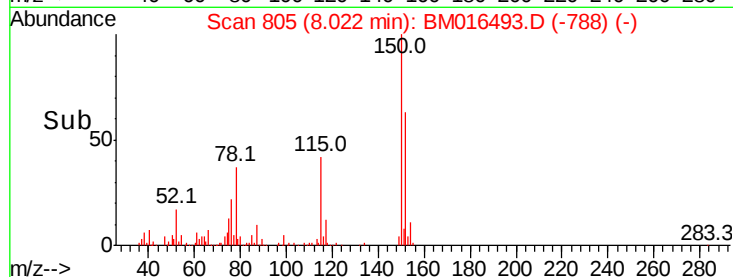
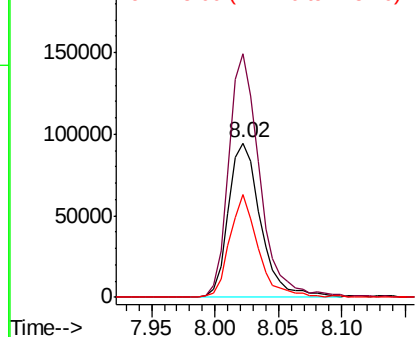
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 166829
Ion Ratio Lower Upper
152 100
150 158.0 119.5 179.3
115 66.6 43.0 64.4#



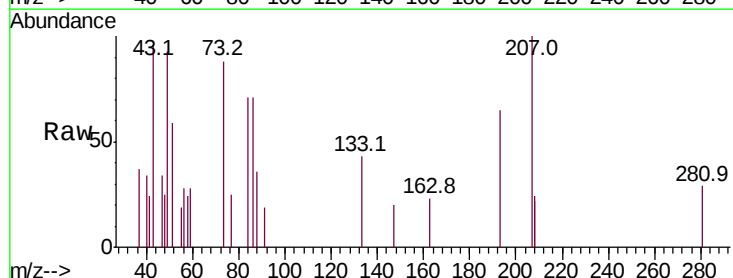
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



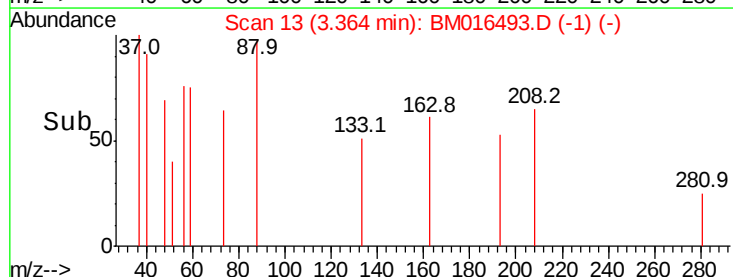
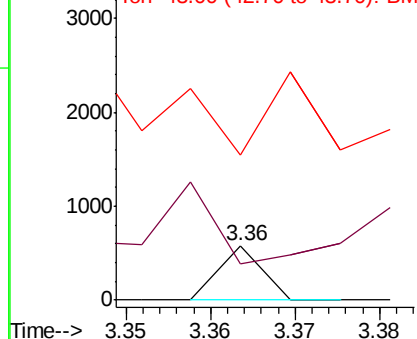
#2

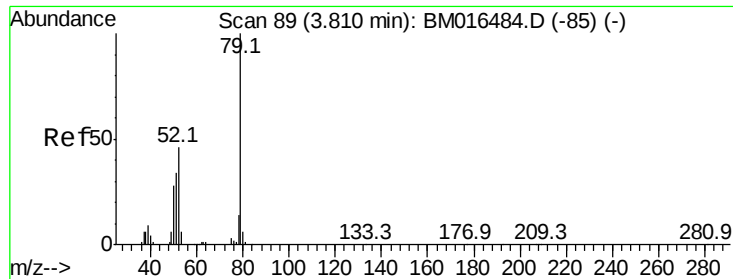
1,4-Dioxane
Concen: 0.044 ng
RT: 3.36 min Scan# 13
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
58 233.5 0.0 0.0#
43 0.0 0.0 0.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.031 ng

RT: 3.77 min Scan# 82

Delta R.T. -0.04 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

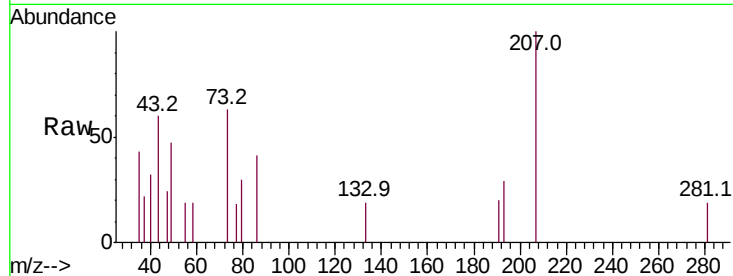
Tot Ion: 79 Resp: 308

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

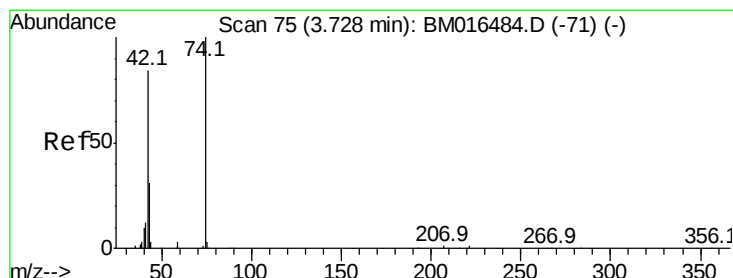
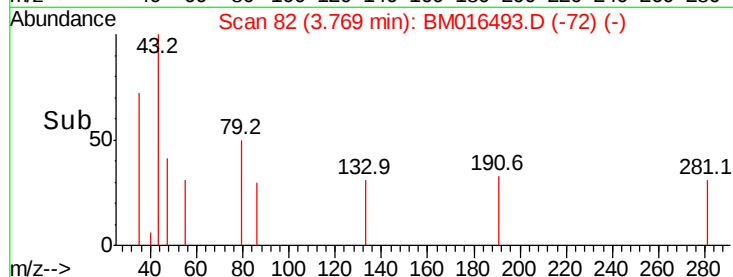
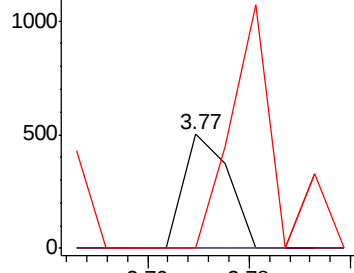
51 0.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

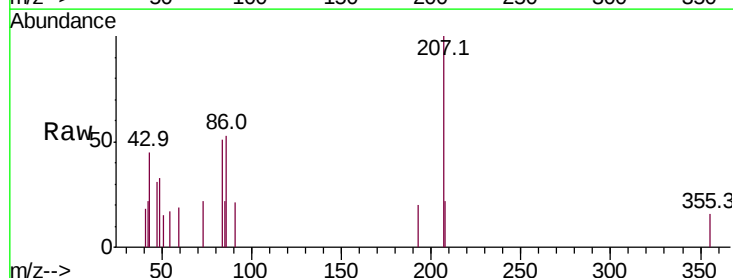
Tgt Ion: 42 Resp: 171

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

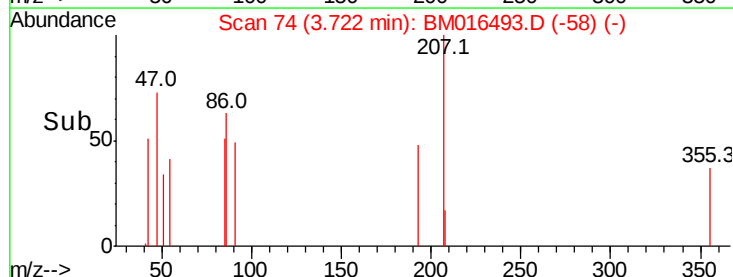
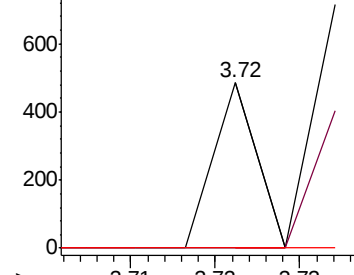
44 0.0 5.4 8.2#

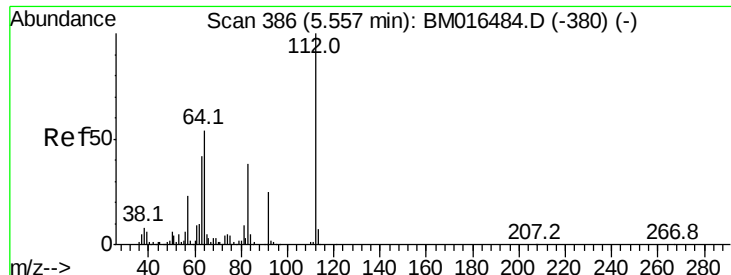


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 0.039 ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

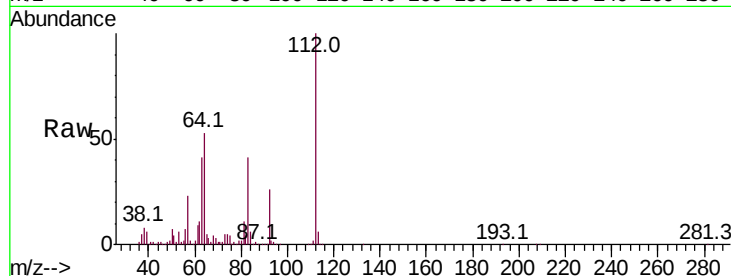
Tot Ion:112 Resp: 1293126

Ion Ratio Lower Upper

112 100

64 53.0 38.6 57.8

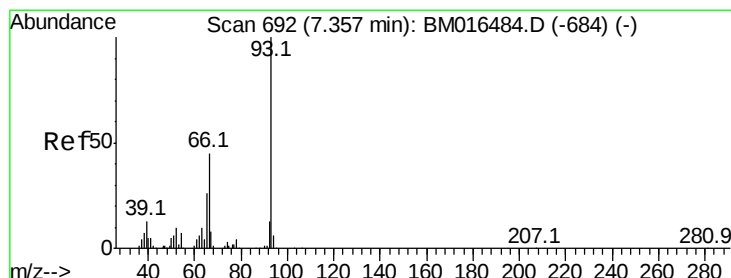
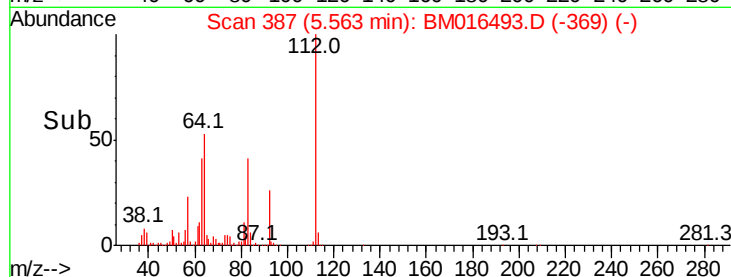
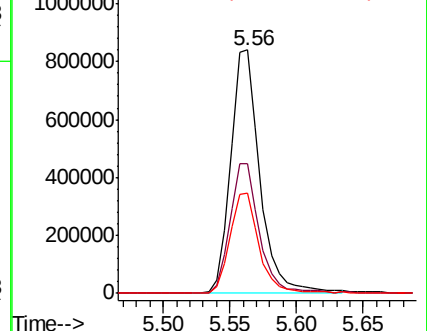
63 41.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.009 ng

RT: 7.37 min Scan# 694

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

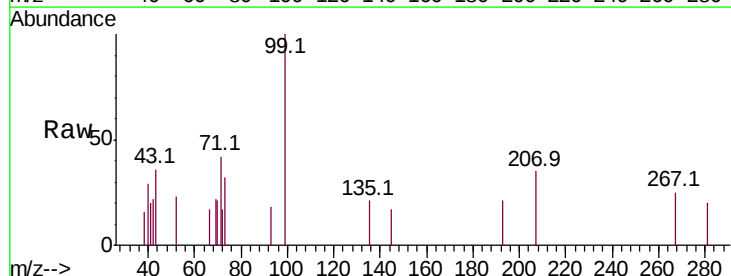
Tgt Ion: 93 Resp: 119

Ion Ratio Lower Upper

93 100

66 94.4 30.8 46.2#

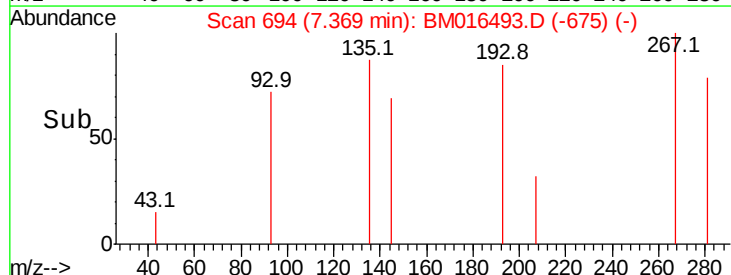
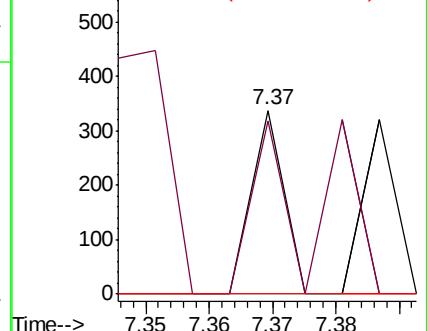
65 0.0 16.0 24.0#

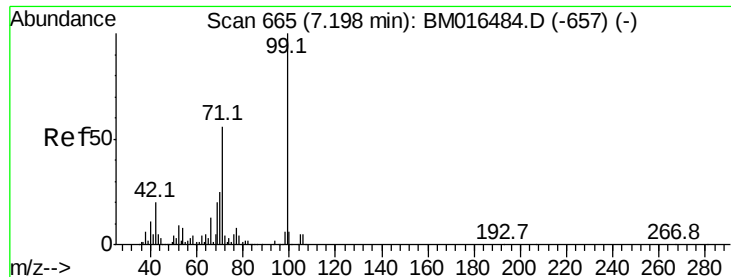


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 0.009 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

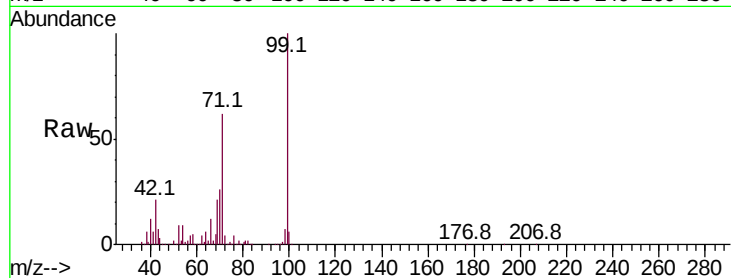
Tot Ion: 99 Resp: 1479401

Ion Ratio Lower Upper

99 100

42 20.7 11.0 16.4#

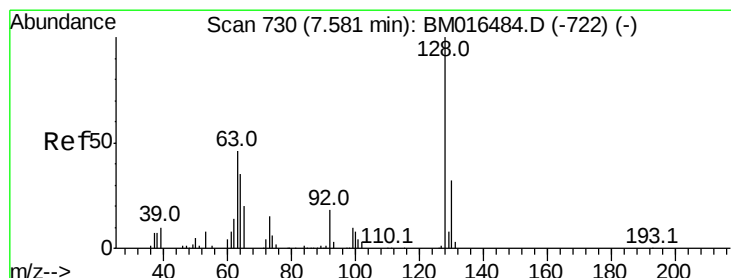
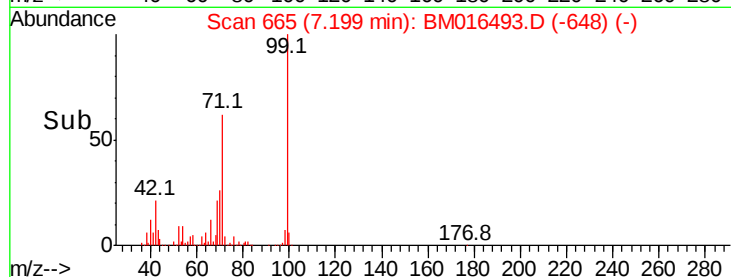
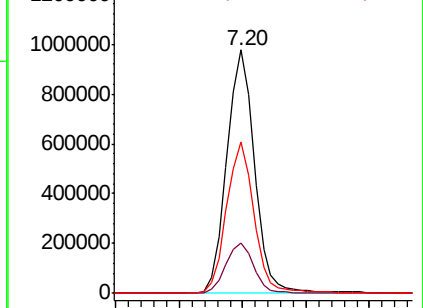
71 62.1 23.4 35.2#



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: 0.034 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.03 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

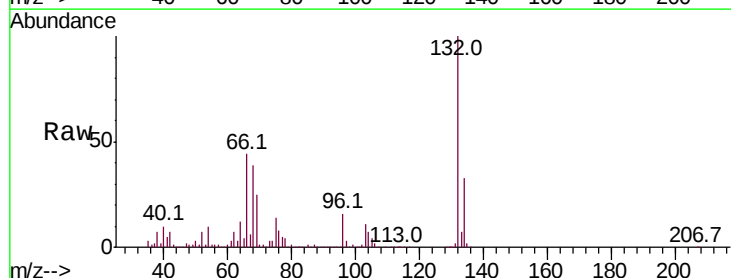
Tgt Ion: 128 Resp: 349

Ion Ratio Lower Upper

128 100

130 298.8 12.0 52.0#

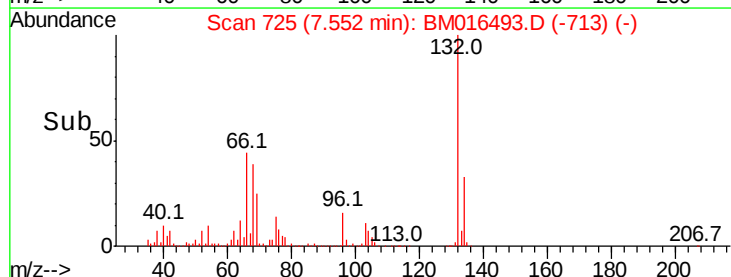
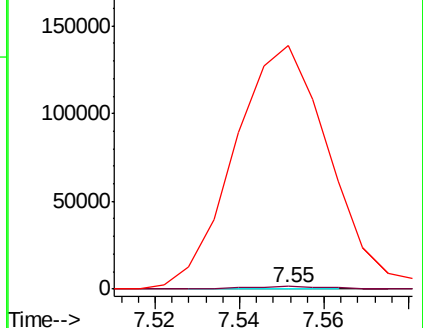
64 26942.1 24.9 64.9#

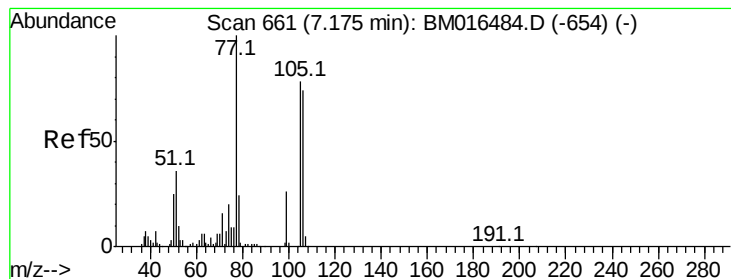


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

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

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





#9

Benzaldehyde

Concen: 0.922 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.03 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

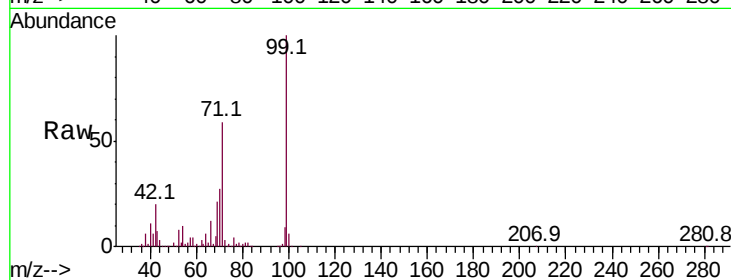
Tot Ion: 77 Resp: 7206

Ion Ratio Lower Upper

77 100

105 9.6 78.8 118.8#

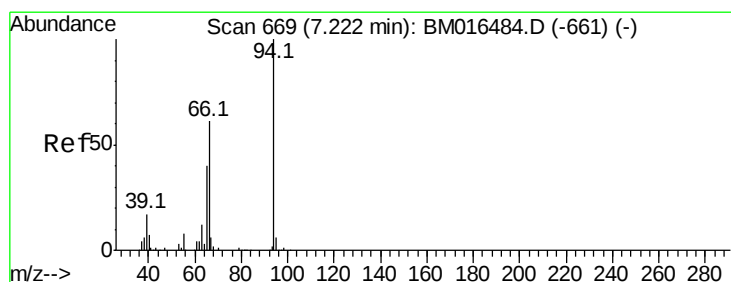
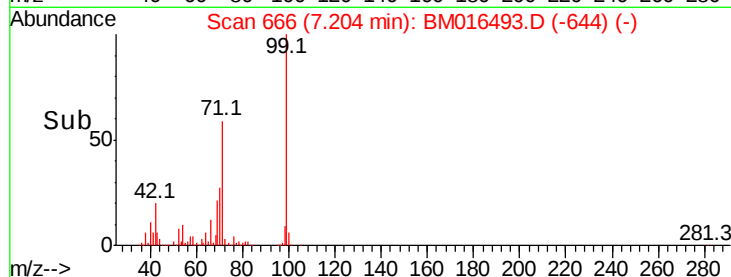
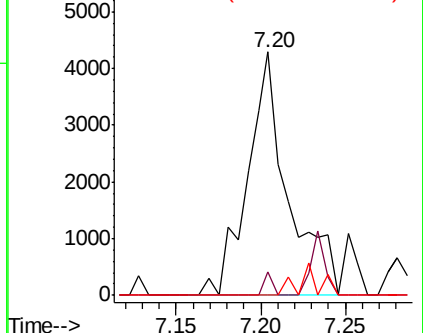
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016493.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016493.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016493.D (-654) (-)



#10

Phenol

Concen: 0.021 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

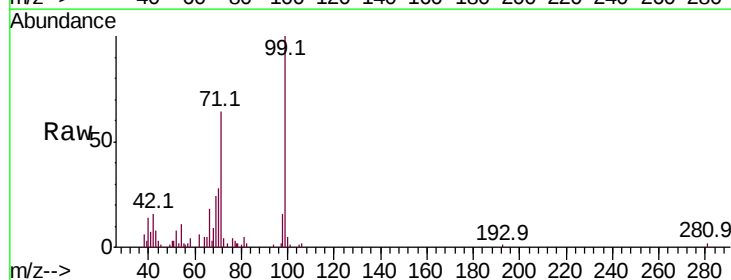
Tgt Ion: 94 Resp: 238

Ion Ratio Lower Upper

94 100

65 476.9 18.8 58.8#

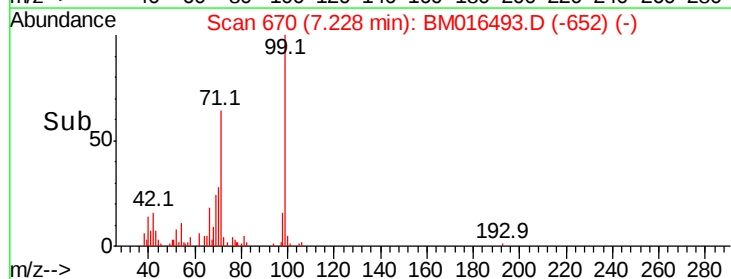
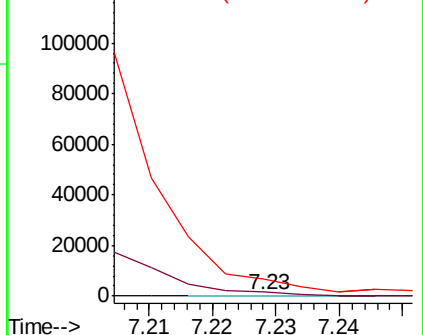
66 1778.5 39.9 79.9#

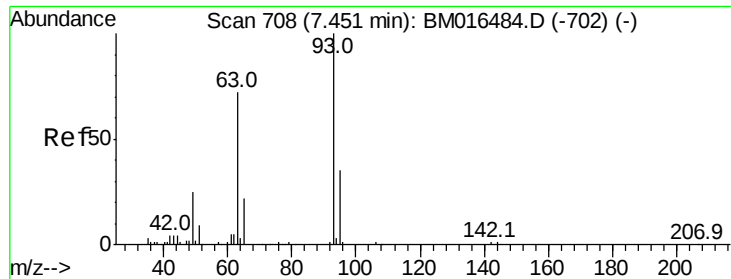


Abundance Ion 94.00 (93.70 to 94.70): BM016493.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BM016493.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BM016493.D (-652) (-)

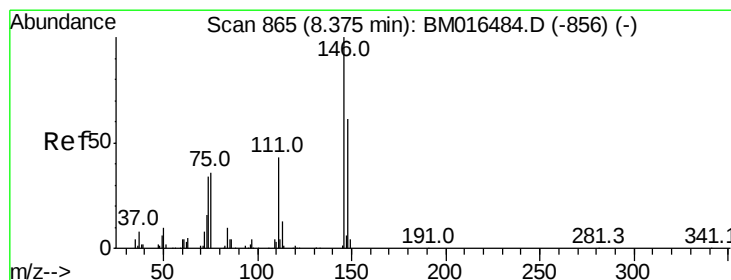
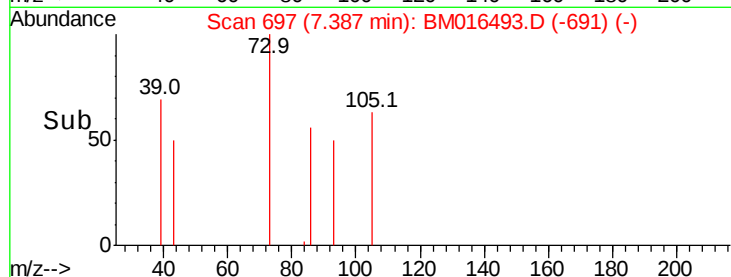
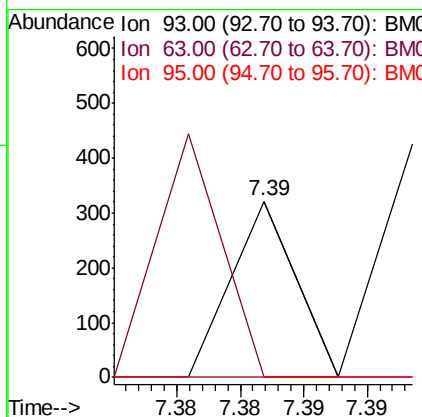
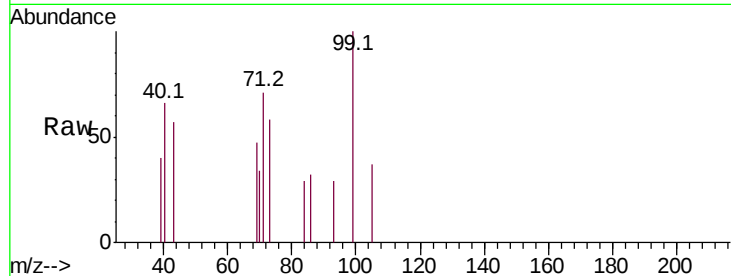




#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.39 min Scan# 697
Delta R.T. -0.06 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

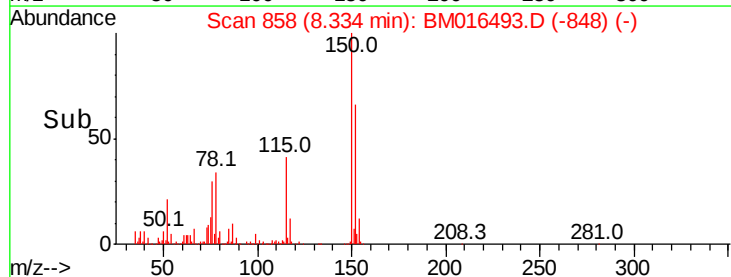
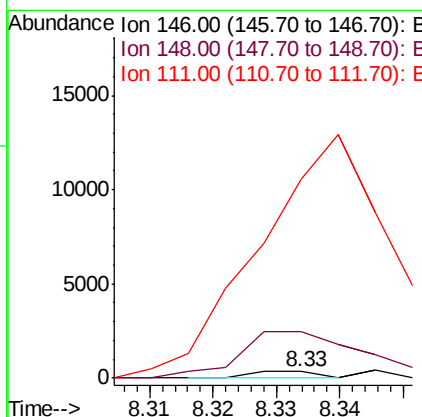
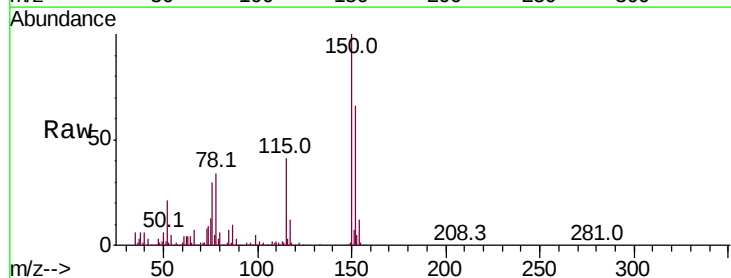
Instrument :
BNA_M
ClientSampled :

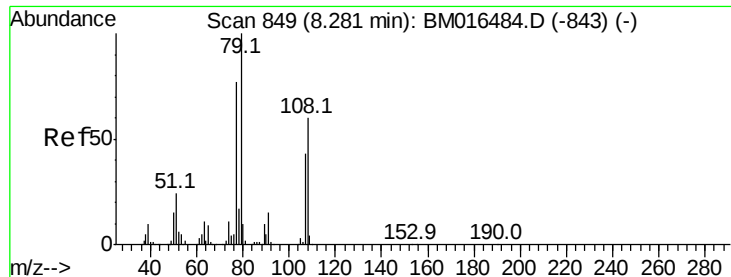
Tot Ion: 93 Resp: 113
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#



#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 146 Resp: 236
Ion Ratio Lower Upper
146 100
148 719.1 52.3 78.5#
111 3089.4 30.6 45.8#





#15

Benzyl Alcohol

Concen: 2.983 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

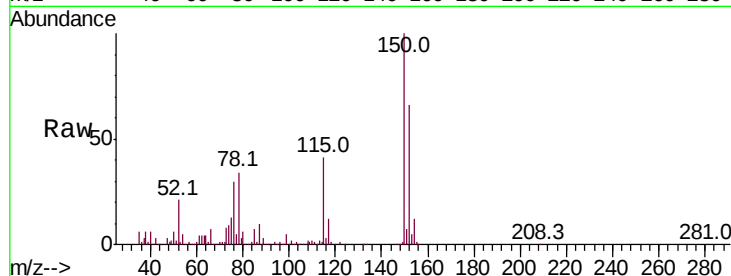
Tot Ion: 79 Resp: 31206

Ion Ratio Lower Upper

79 100

108 84.8 65.0 97.4

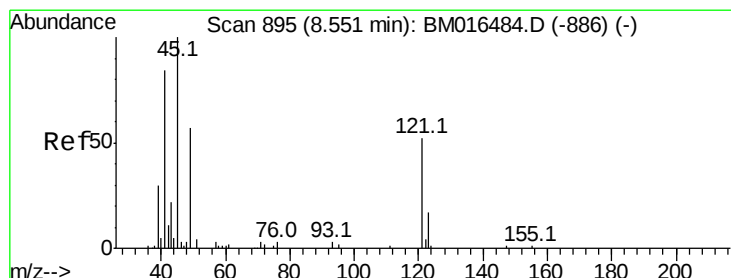
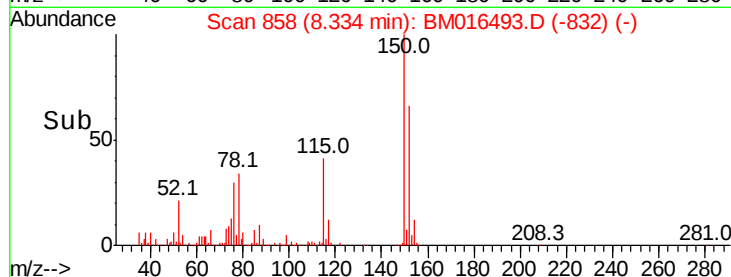
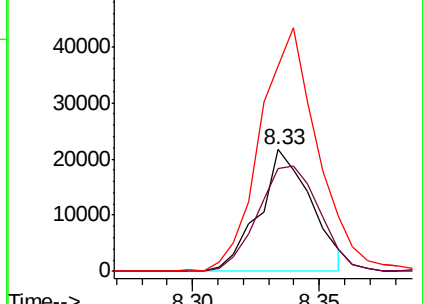
77 168.9 53.0 79.6#



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: 0.020 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.08 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

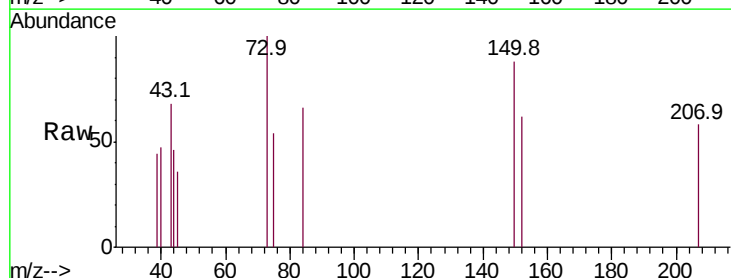
Tgt Ion: 45 Resp: 116

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

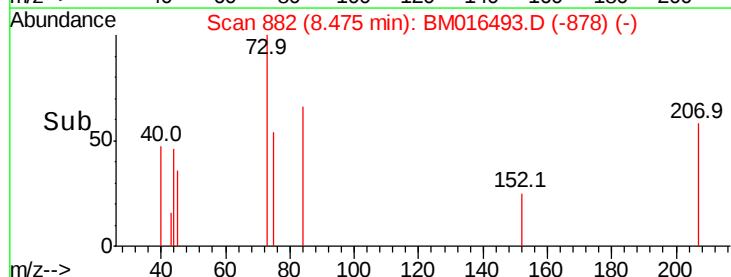
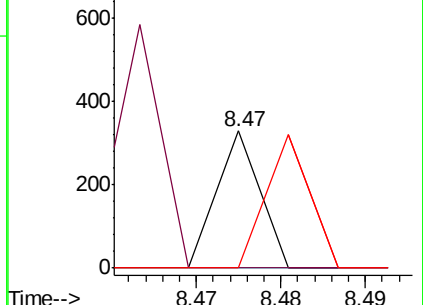
79 0.0 0.0 32.0

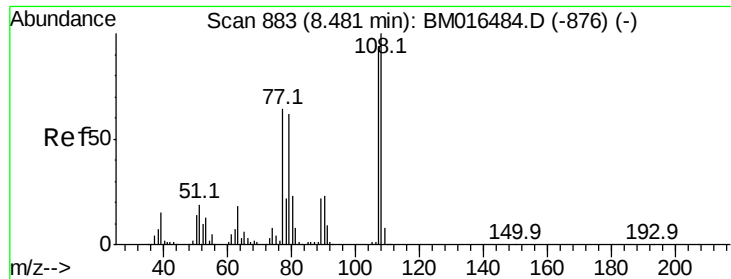


Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

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

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

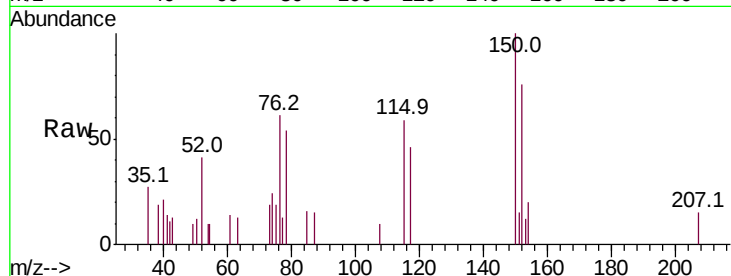




#17
2-Methylphenol
Concen: 0.013 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.08 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	0.0	89.8	134.8#
77	135.9	32.6	48.8#
79	0.0	32.8	49.2#



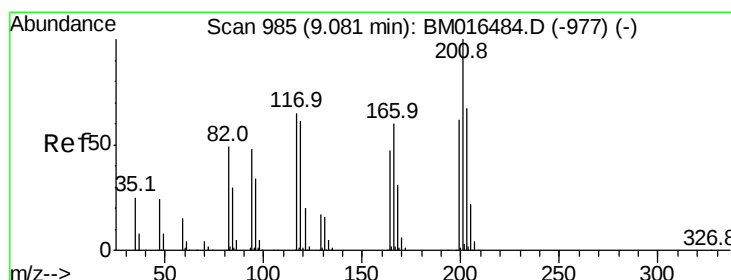
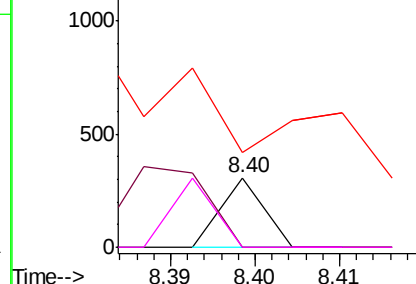
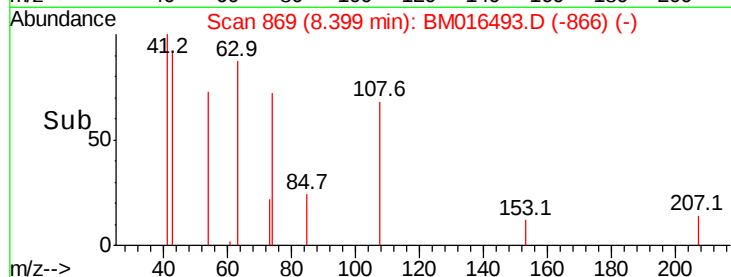
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

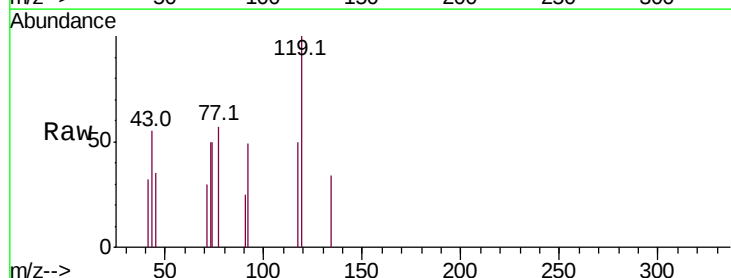
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 0.053 ng
RT: 9.11 min Scan# 990
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	199.1	79.2	118.8#
201	0.0	69.8	104.6#

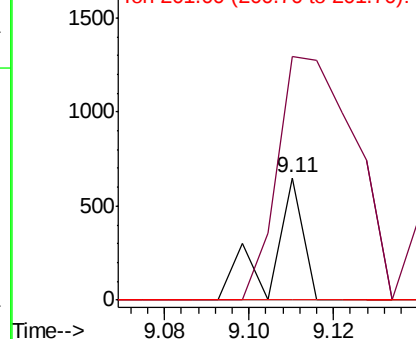
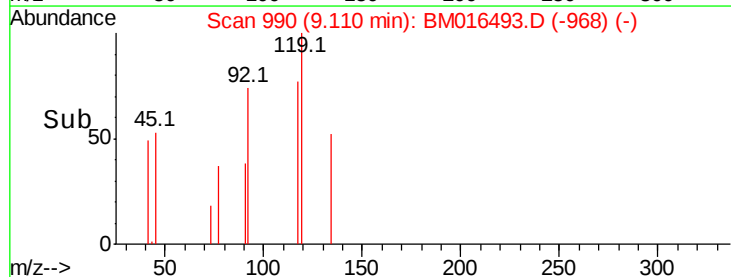


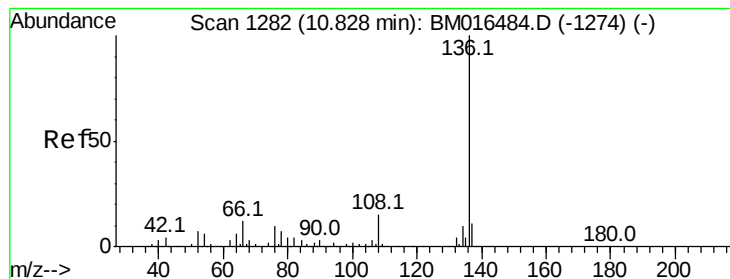
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 549343

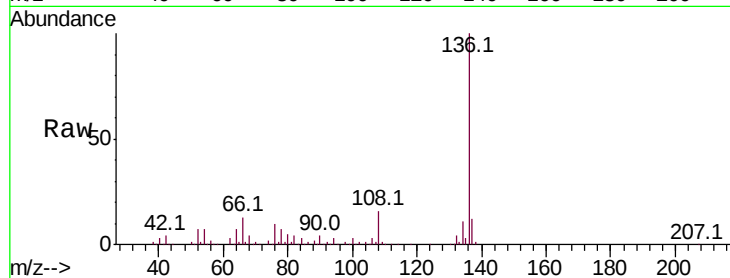
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 6.6 4.6 6.8

68 3.9 3.7 5.5

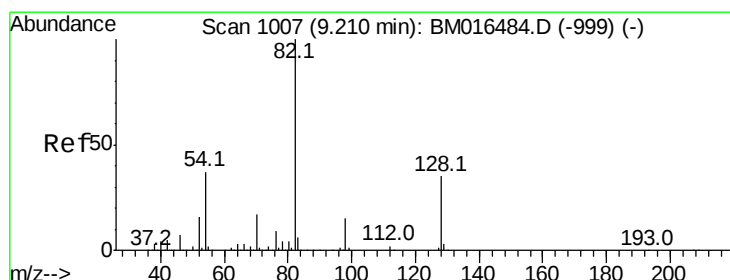
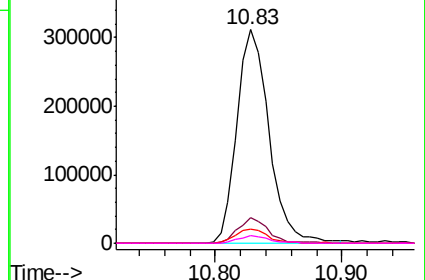
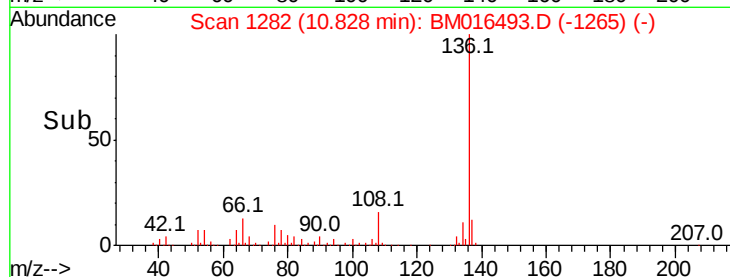


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

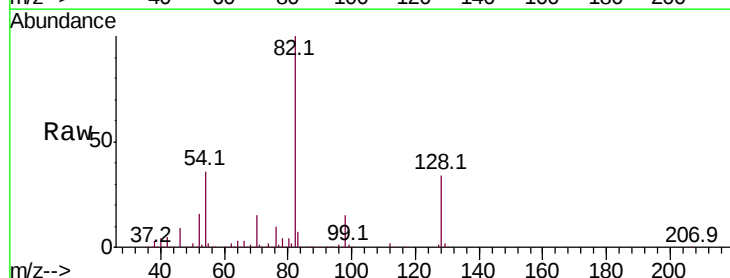
Tgt Ion: 82 Resp: 1429780

Ion Ratio Lower Upper

82 100

128 34.5 32.8 49.2

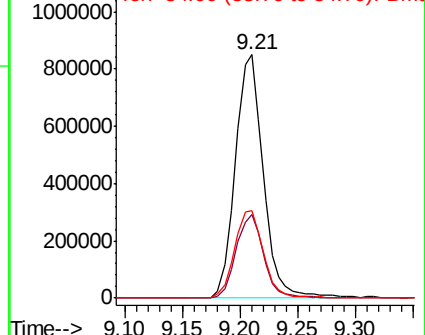
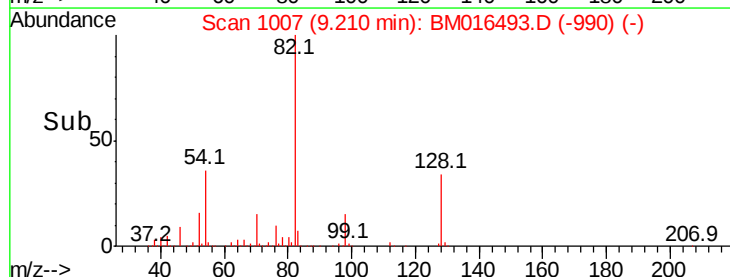
54 35.7 40.6 60.8#

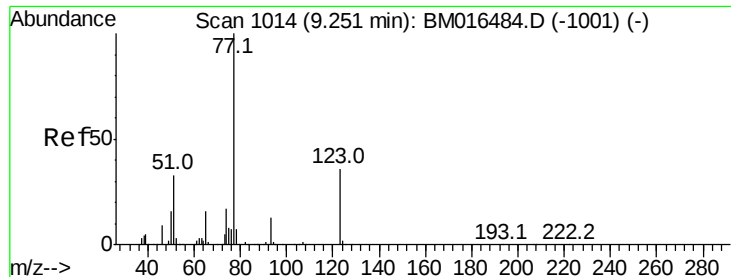


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#24

Nitrobenzene

Concen: 0.053 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

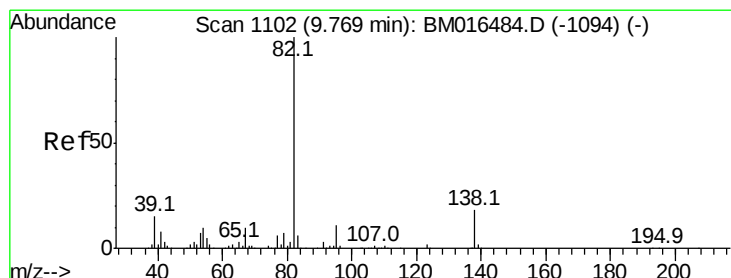
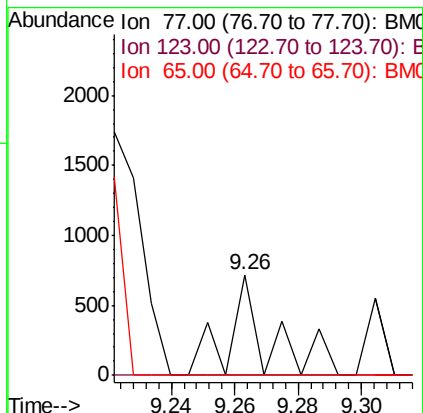
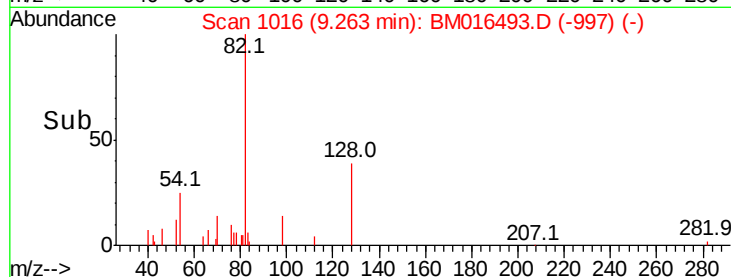
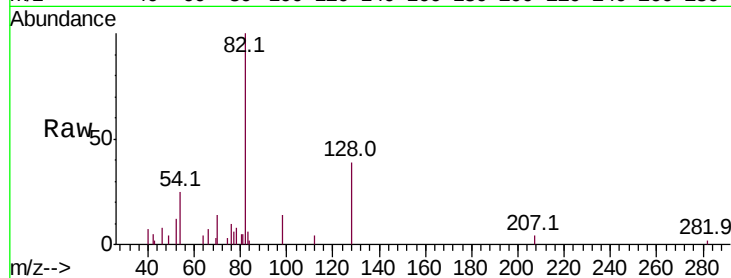
Tot Ion: 77 Resp: 641

Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

65 0.0 10.9 16.3#



#25

Isophorone

Concen: 0.011 ng

RT: 9.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

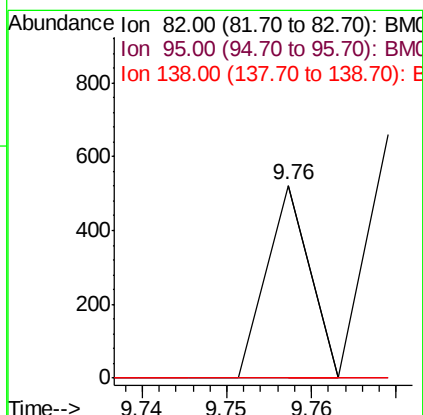
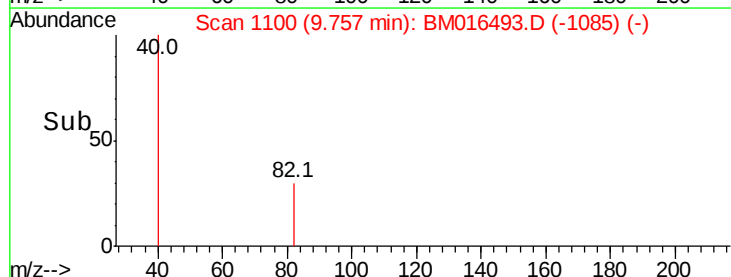
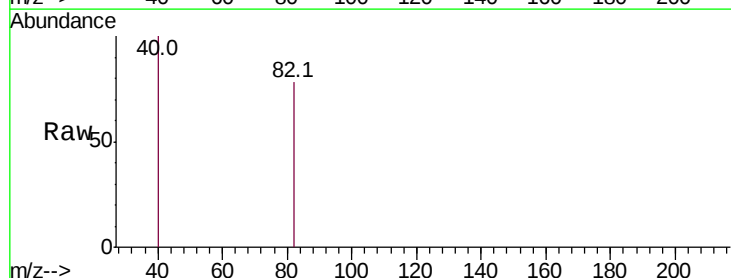
Tgt Ion: 82 Resp: 184

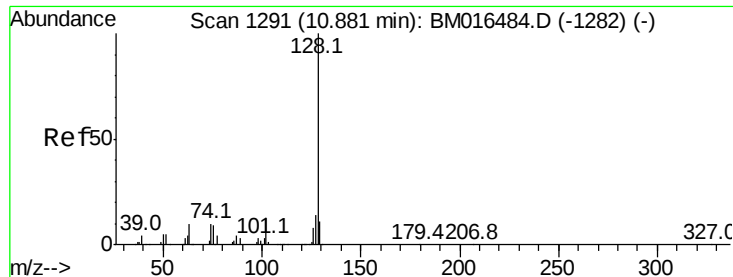
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#

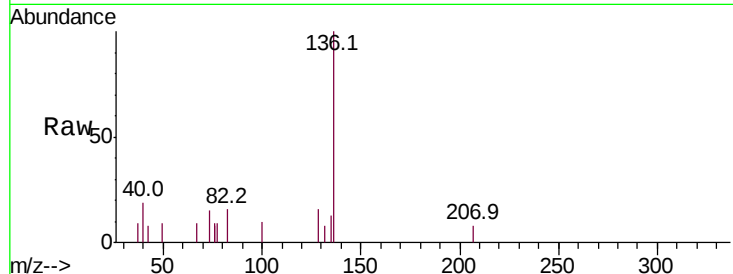




#31
Naphthalene
Concen: 0.008 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

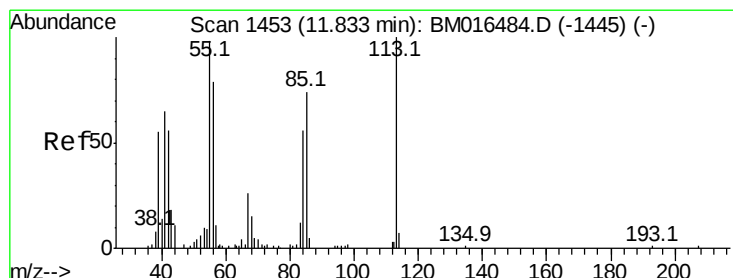
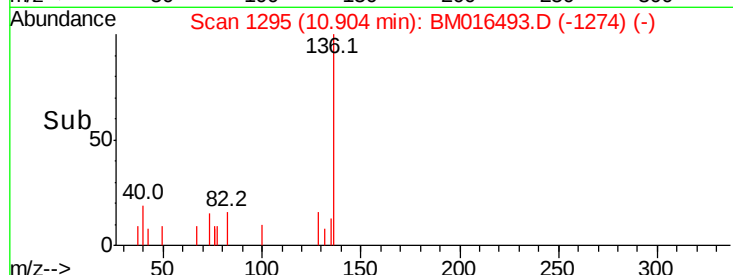
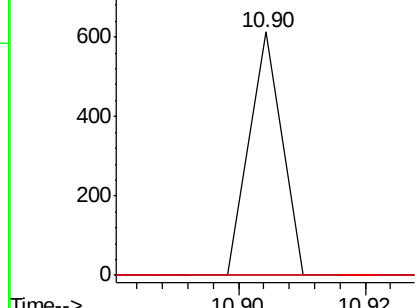
Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 216
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#



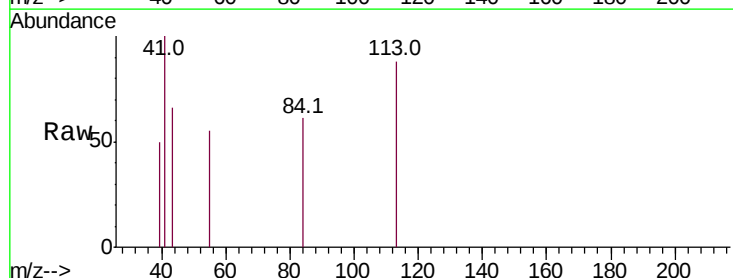
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.90



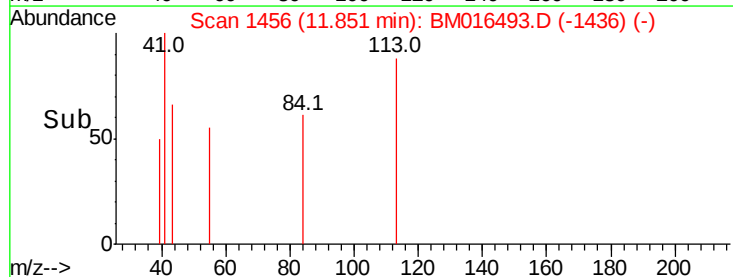
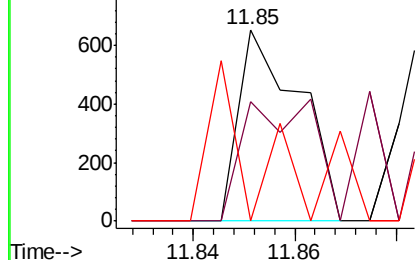
#35
Caprolactam
Concen: 0.226 ng
RT: 11.85 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

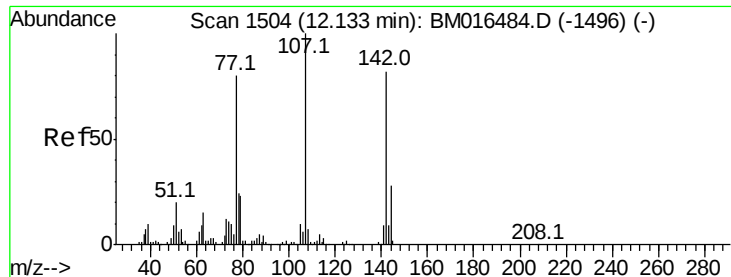
Tgt Ion:113 Resp: 544
Ion Ratio Lower Upper
113 100
55 62.2 145.9 185.9#
56 0.0 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

11.85

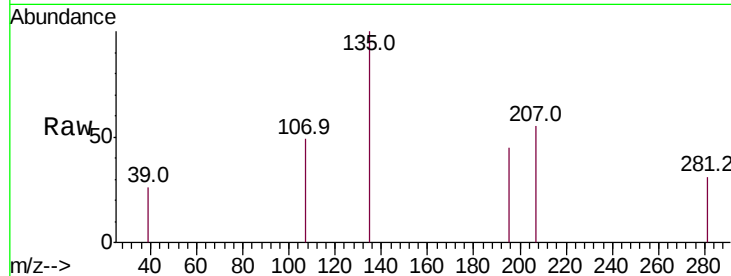




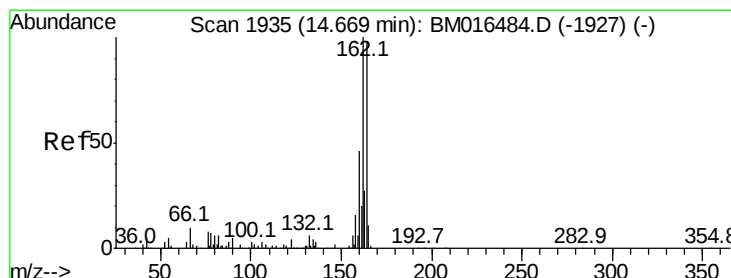
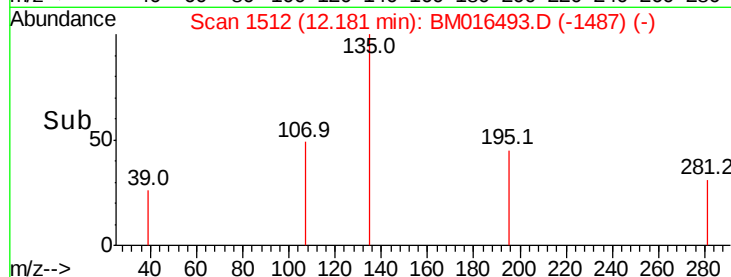
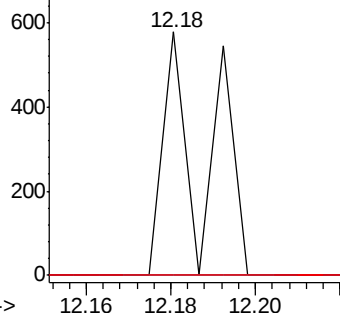
#36
4-Chloro-3-methylphenol
Concen: 0.041 ng
RT: 12.18 min Scan# 1512
Delta R.T. 0.05 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 397
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 0.0 72.6 109.0#

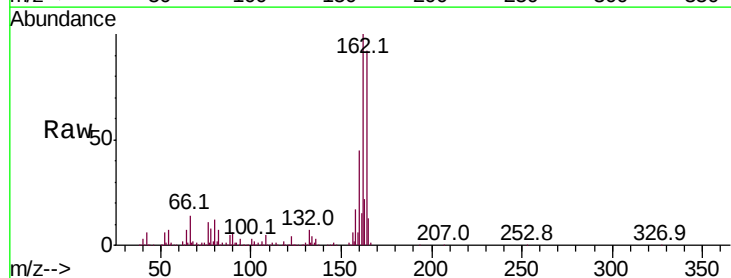


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

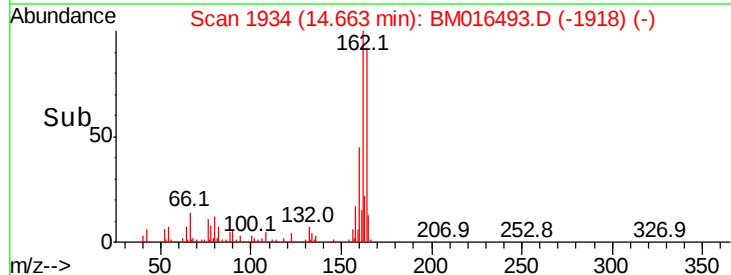
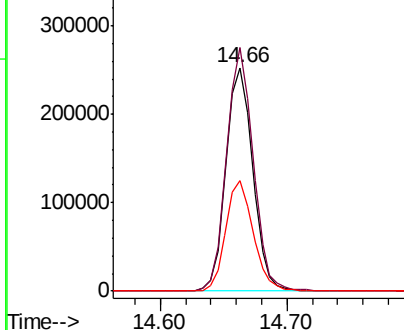


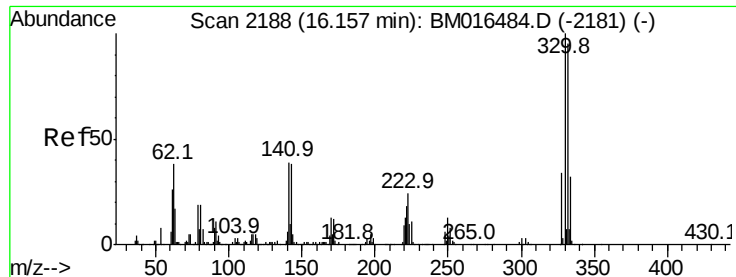
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:164 Resp: 370047
Ion Ratio Lower Upper
164 100
162 109.1 82.4 123.6
160 49.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

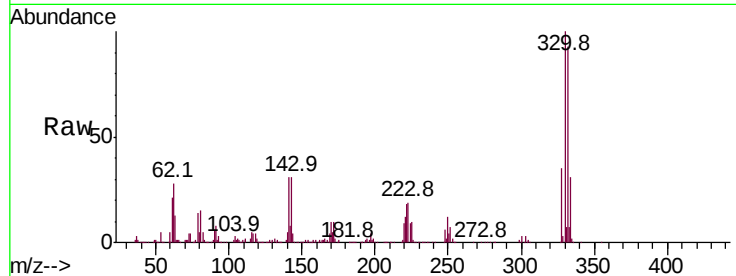




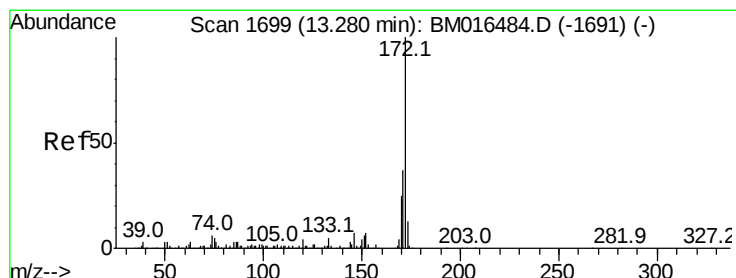
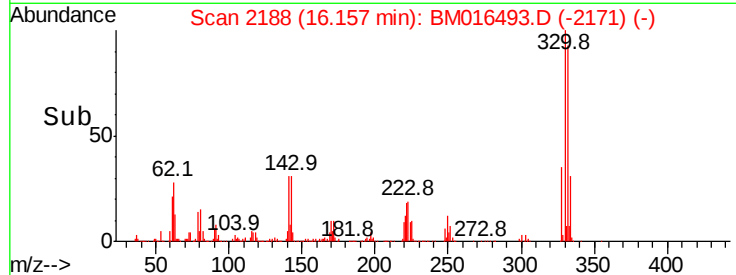
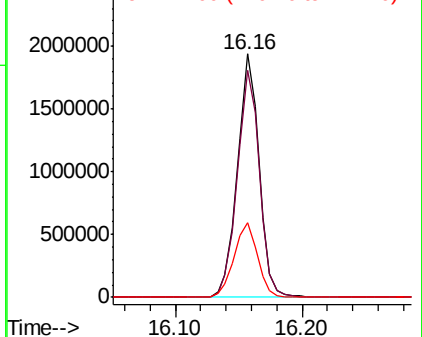
#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:330 Resp: 2280791
Ion Ratio Lower Upper
330 100
332 95.1 0.0 0.0#
141 33.4 0.0 0.0#

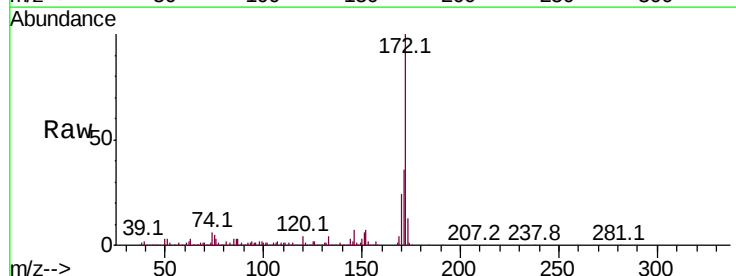


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

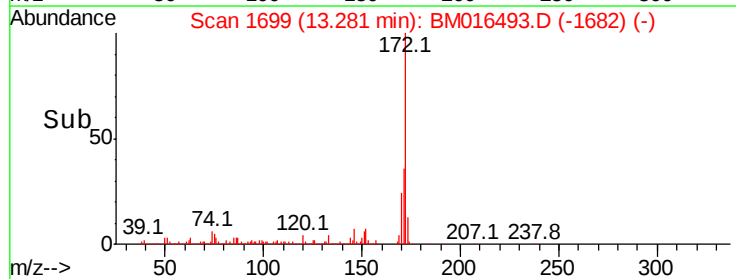
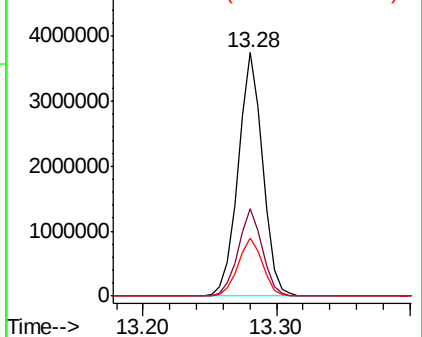


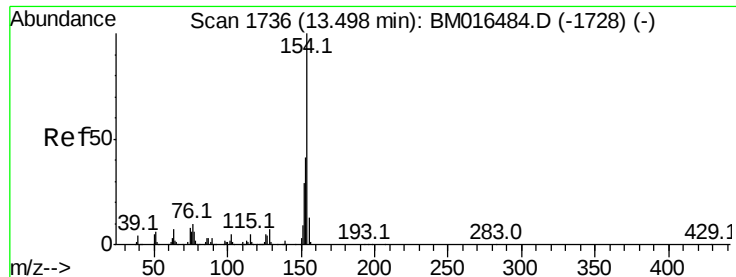
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:172 Resp: 4758684
Ion Ratio Lower Upper
172 100
171 36.0 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: 0.149 ng

RT: 13.52 min Scan# 1739

Delta R.T. 0.02 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

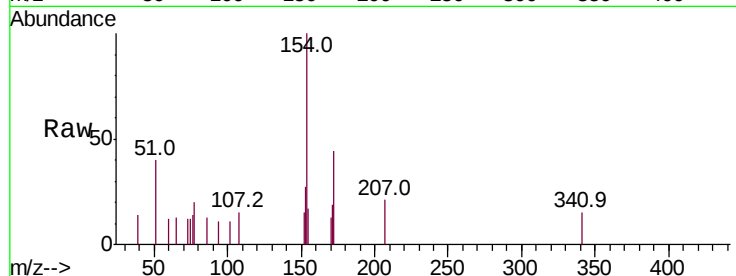
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 4837

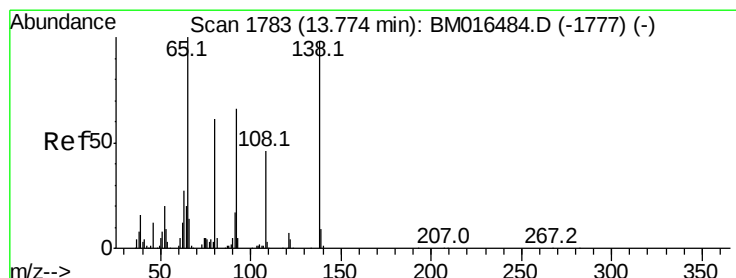
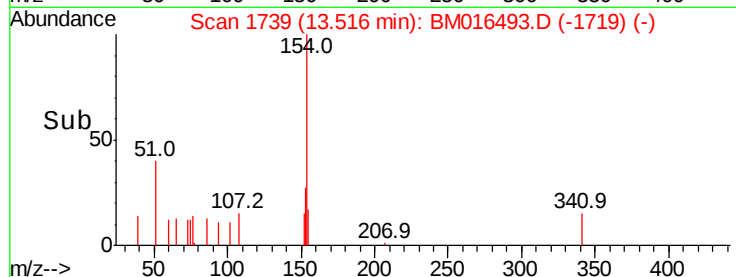
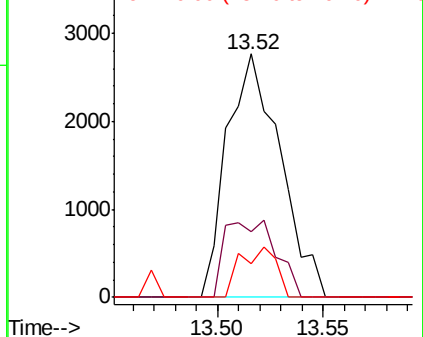
Ion	Ratio	Lower	Upper
154	100		
153	27.2	20.7	60.7
76	14.0	0.0	30.9



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



#47

2-Nitroaniline

Concen: 0.017 ng

RT: 13.80 min Scan# 1788

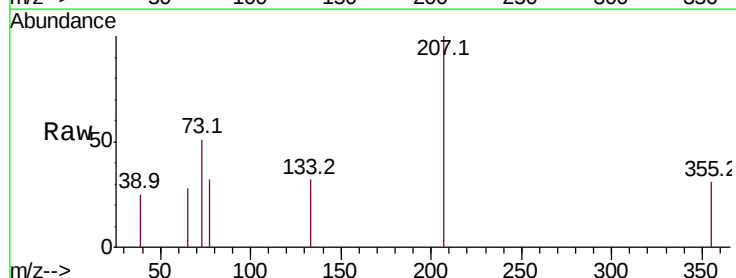
Delta R.T. 0.03 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Tgt Ion: 65 Resp: 121

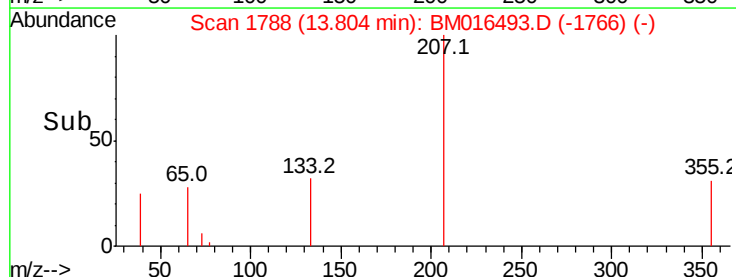
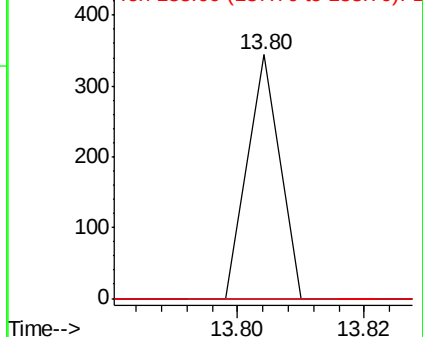
Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#

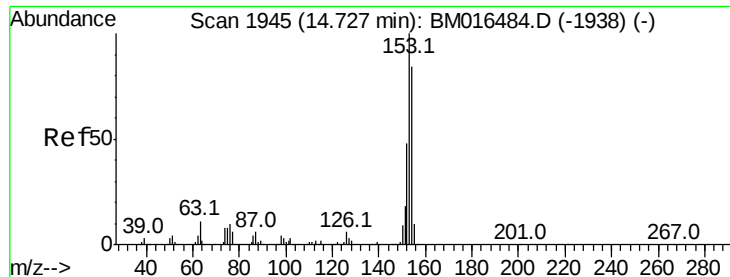


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#51

Acenaphthene

Concen: 0.100 ng

RT: 14.67 min Scan# 1935

Delta R.T. -0.06 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

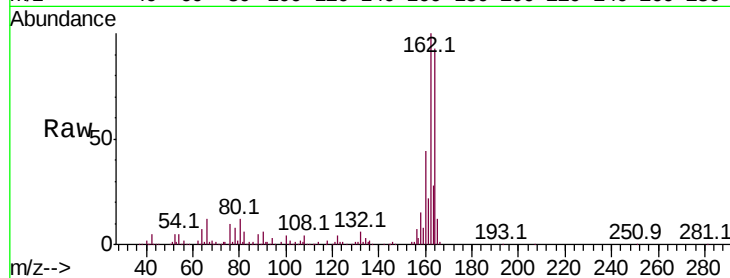
Tot Ion:154 Resp: 2279

Ion Ratio Lower Upper

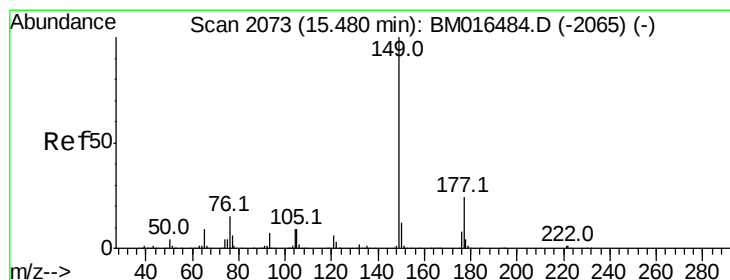
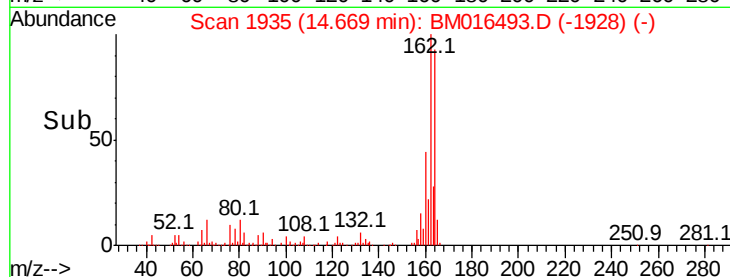
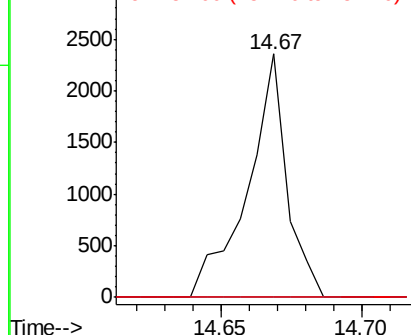
154 100

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: 0.126 ng

RT: 15.48 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

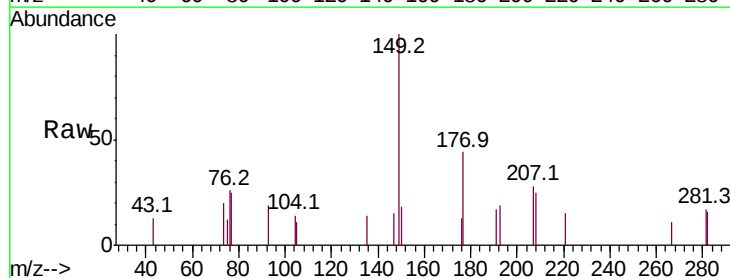
Tgt Ion:149 Resp: 4682

Ion Ratio Lower Upper

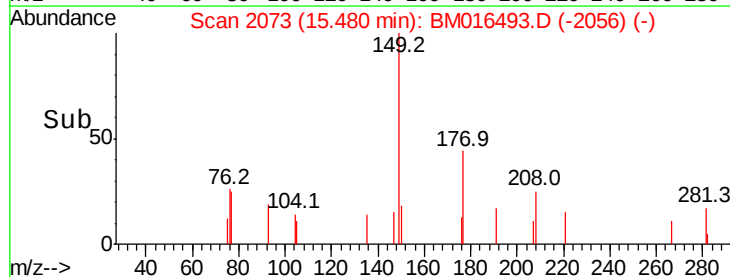
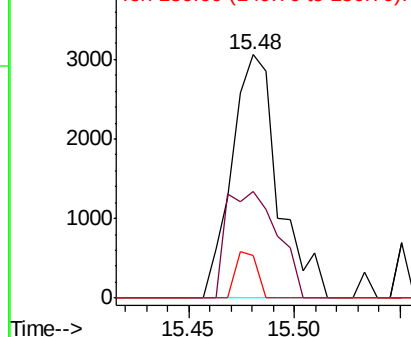
149 100

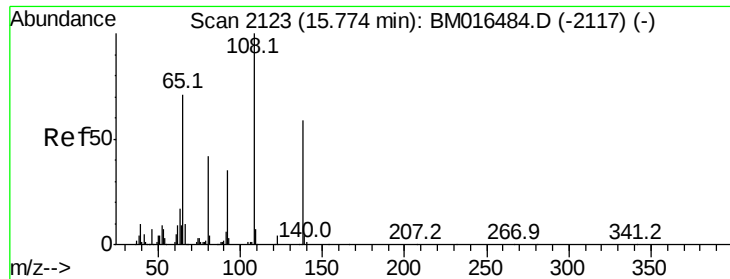
177 43.6 18.3 27.5#

150 17.6 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

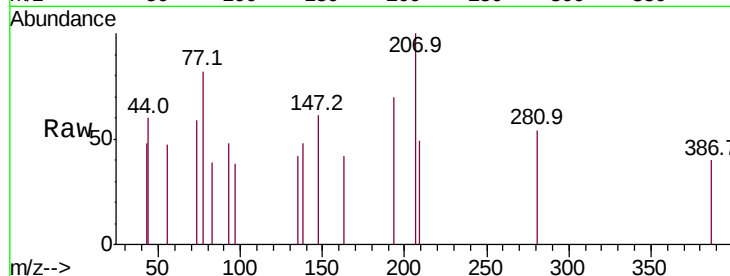




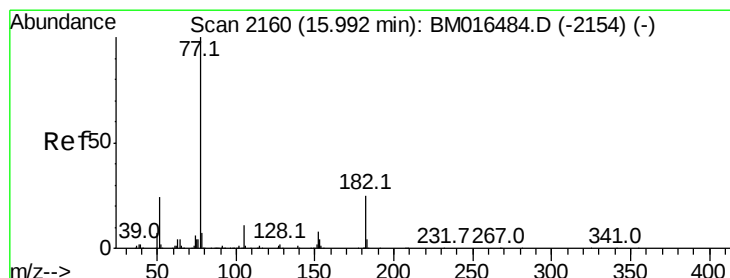
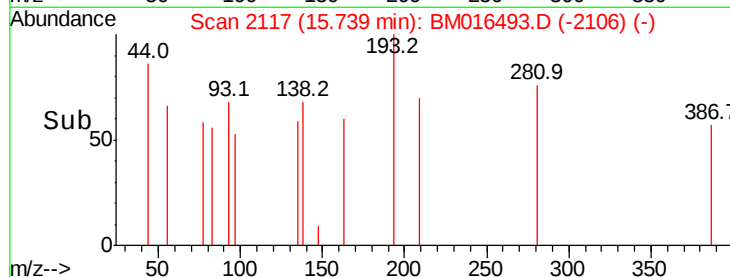
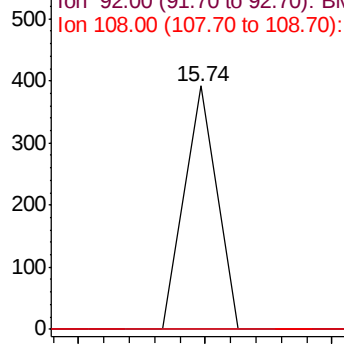
#61
4-Nitroaniline
Concen: 0.022 ng
RT: 15.74 min Scan# 2117
Delta R.T. -0.04 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 138
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 0.0 37.6 77.6#

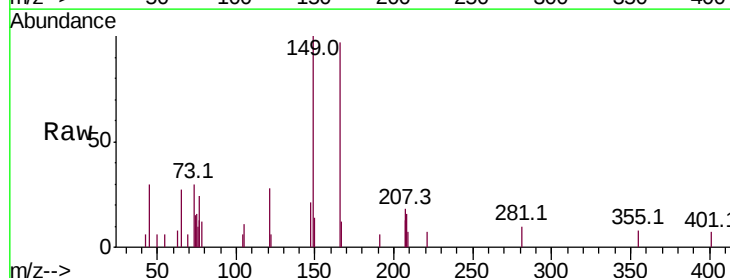


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

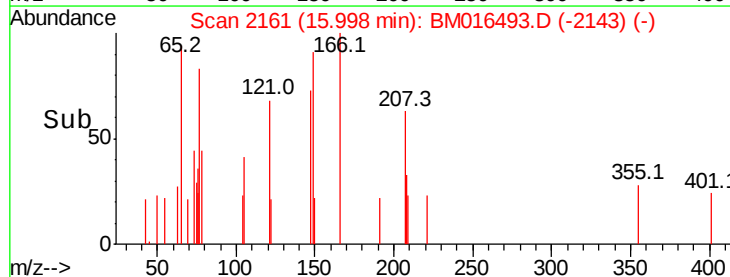
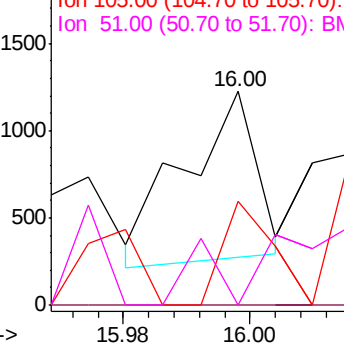


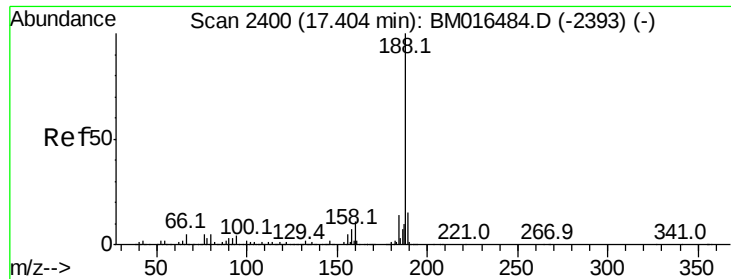
#62
Azobenzene
Concen: 0.019 ng
RT: 16.00 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion: 77 Resp: 760
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 48.6 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

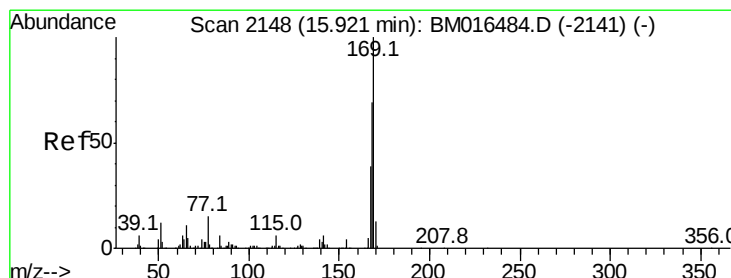
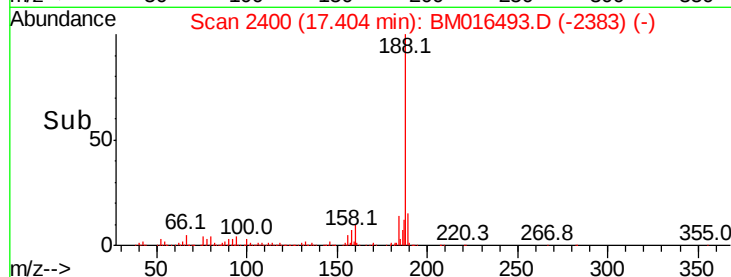
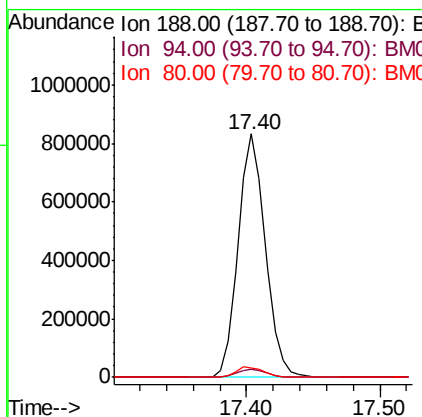
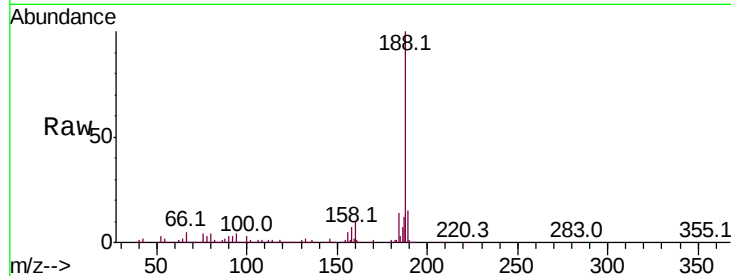




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM016493.D
 Acq: 21 Aug 2018 20:53

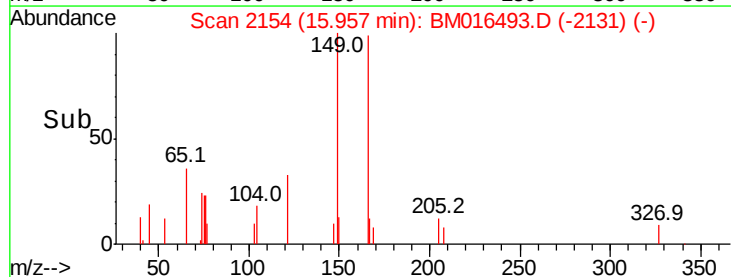
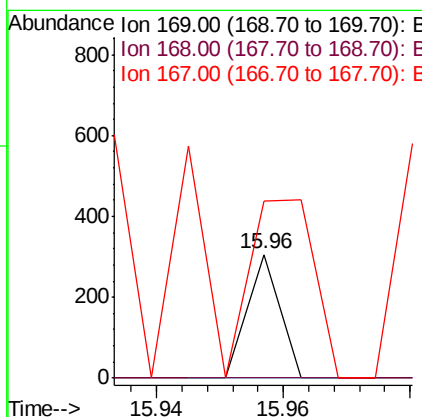
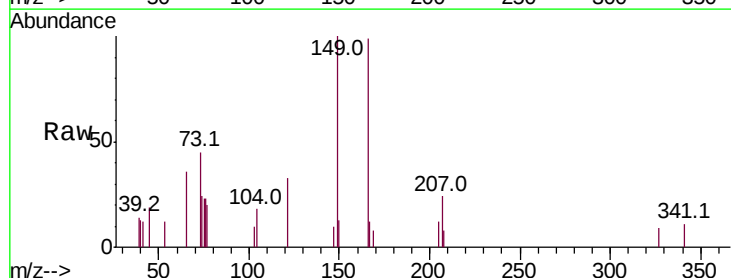
Instrument :
 BNA_M
 ClientSampleId :

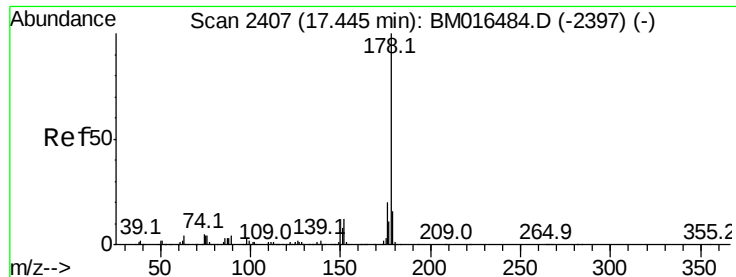
Tot Ion:188 Resp: 1173793
 Ion Ratio Lower Upper
 188 100
 94 3.6 8.7 13.1#
 80 4.0 9.3 13.9#



#65
 n-Nitrosodiphenylamine
 Concen: 0.003 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. 0.04 min
 Lab File: BM016493.D
 Acq: 21 Aug 2018 20:53

Tgt Ion:169 Resp: 108
 Ion Ratio Lower Upper
 169 100
 168 0.0 53.9 80.9#
 167 143.6 28.9 43.3#





#70

Phenanthrene

Concen: 0.019 ng

RT: 17.45 min Scan# 2408

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

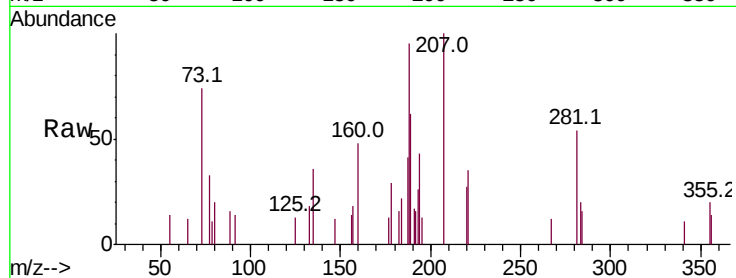
Tot Ion:178 Resp: 1164

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

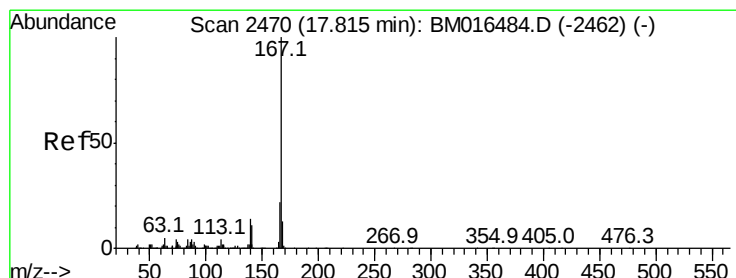
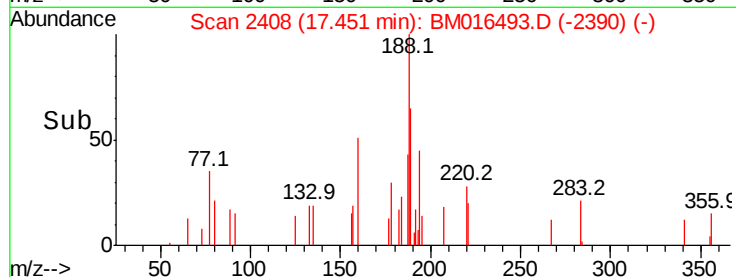
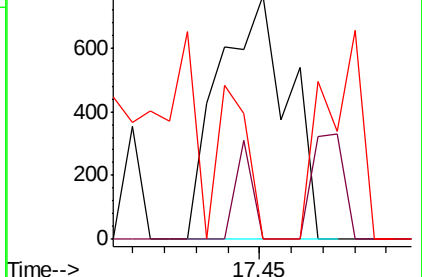
179 0.0 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.006 ng

RT: 17.87 min Scan# 2480

Delta R.T. 0.06 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

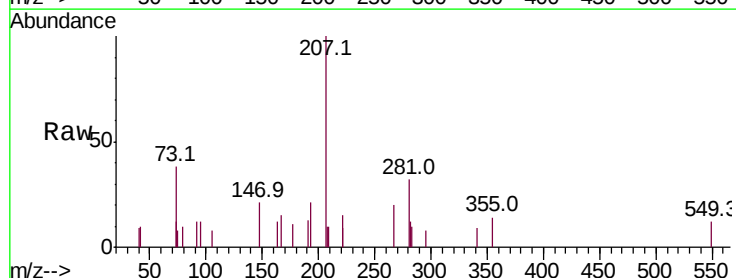
Tgt Ion:167 Resp: 329

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

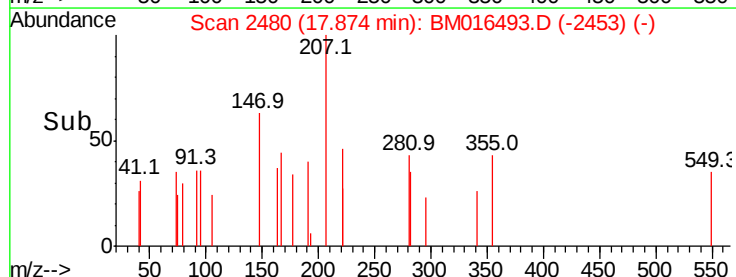
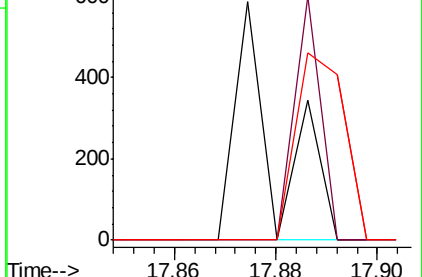
139 0.0 10.8 16.2#

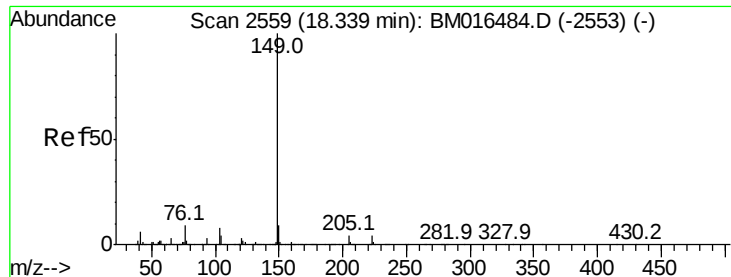


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

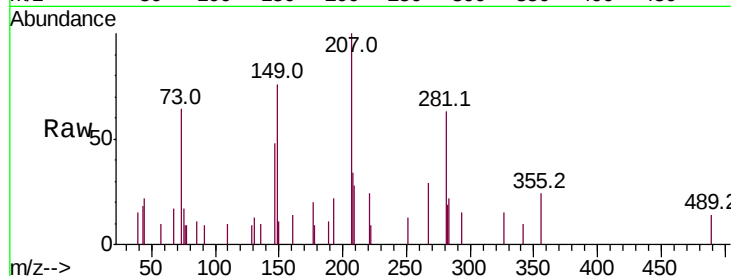




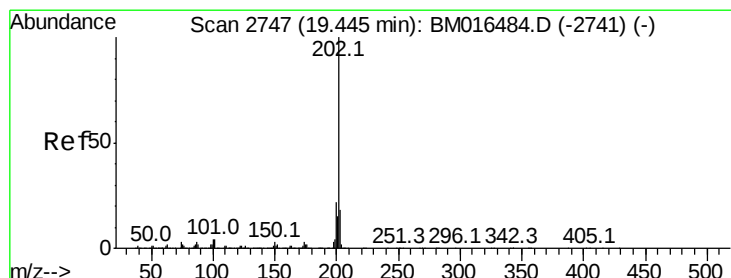
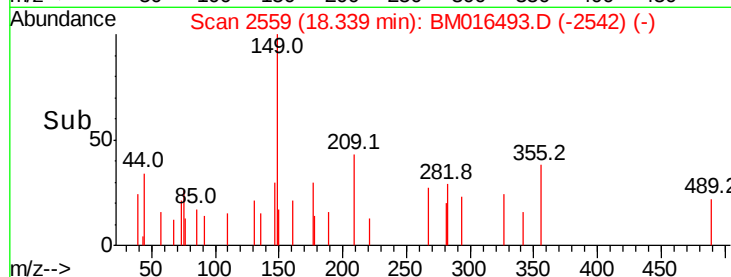
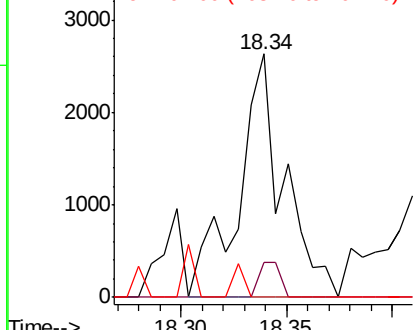
#73
Di-n-butylphthalate
Concen: 0.059 ng
RT: 18.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 3913
Ion Ratio Lower Upper
149 100
150 14.2 7.5 11.3#
104 0.0 3.7 5.5#

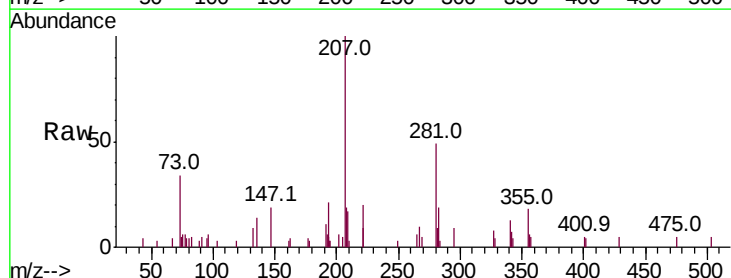


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

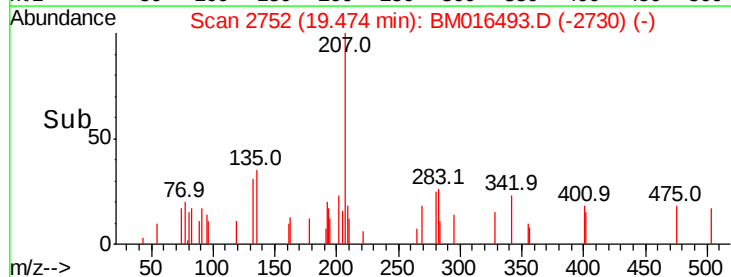
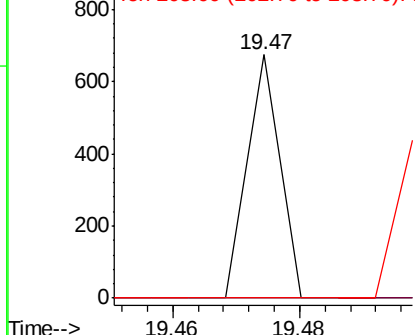


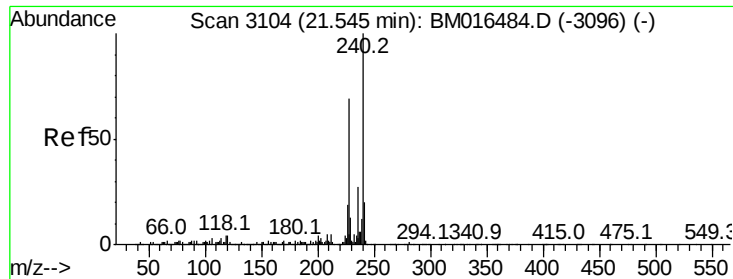
#74
Fluoranthene
Concen: 0.003 ng
RT: 19.47 min Scan# 2752
Delta R.T. 0.03 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion:202 Resp: 238
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 0.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

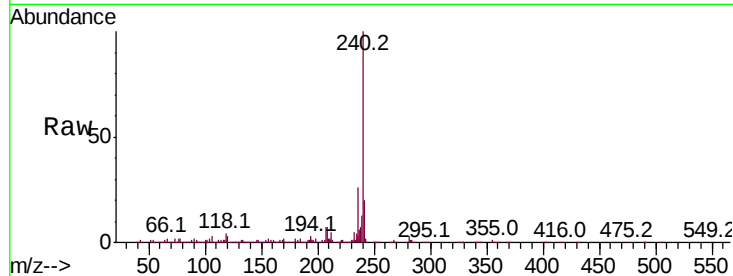
Tot Ion:240 Resp: 1457380

Ion	Ratio	Lower	Upper
240	100		
120	3.3	8.2	12.2#
236	26.1	20.0	30.0

240 100

120 3.3 8.2 12.2#

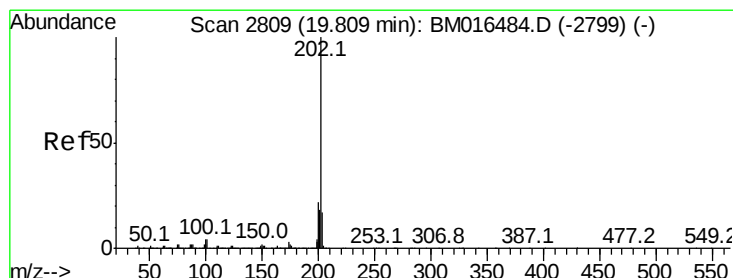
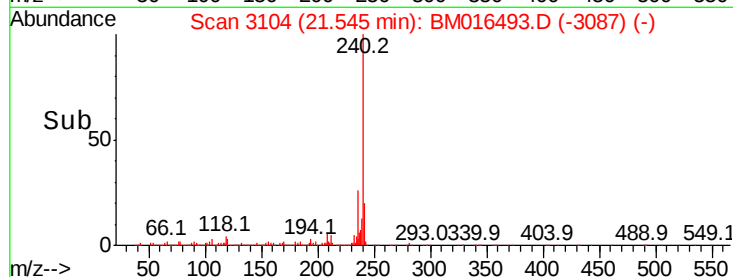
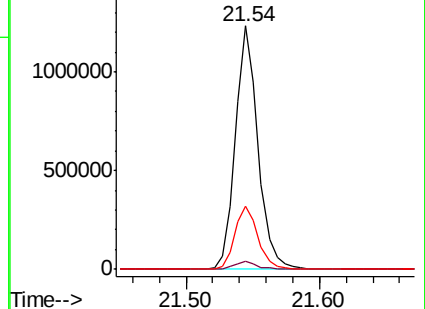
236 26.1 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 0.004 ng

RT: 19.83 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

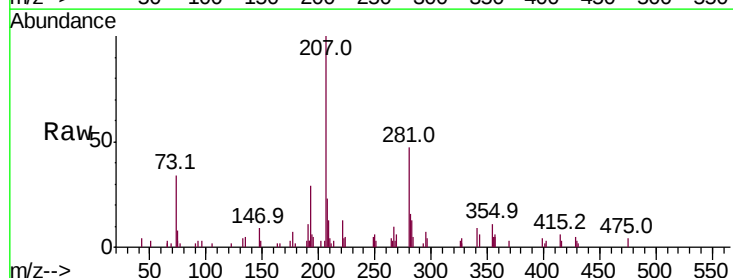
Tgt Ion:202 Resp: 285

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

202 100

200 0.0 16.9 25.3#

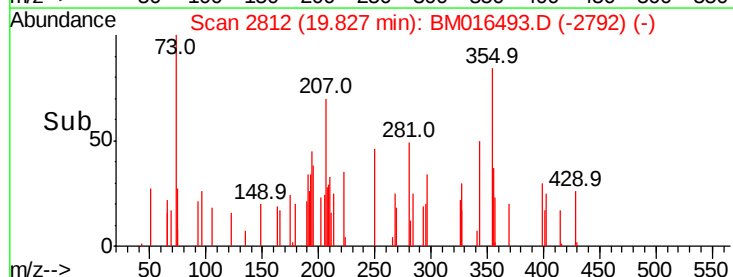
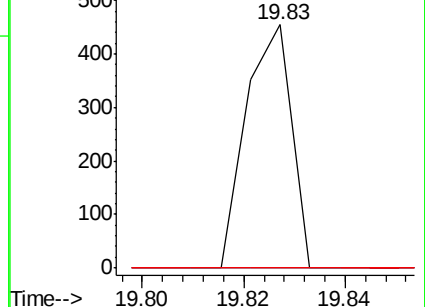
203 0.0 14.1 21.1#

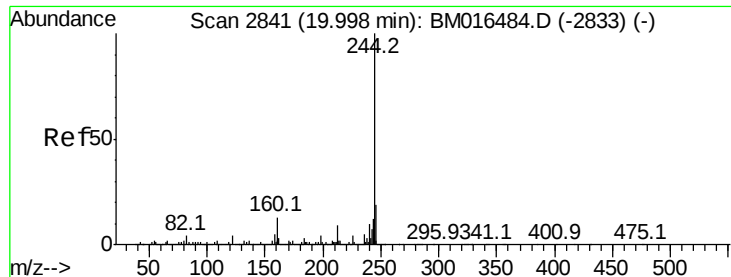


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.004 ng

RT: 20.00 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

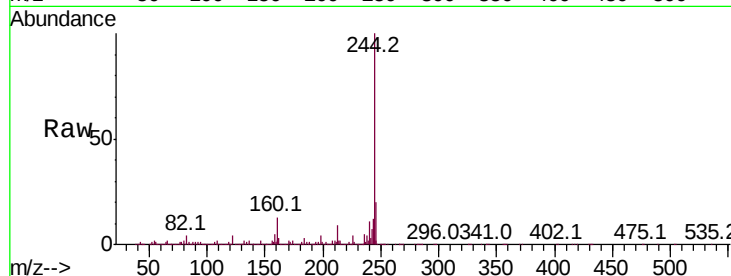
Tot Ion:244 Resp: 9208373

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

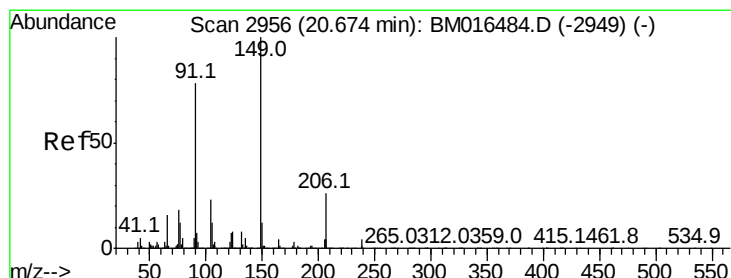
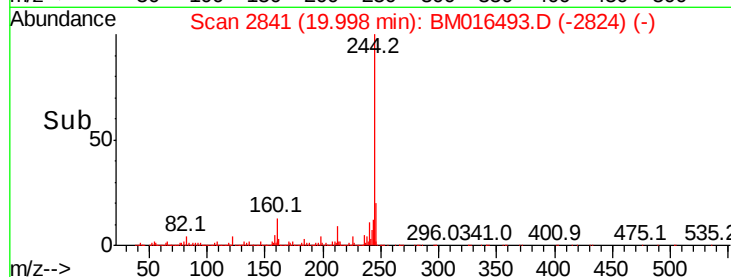
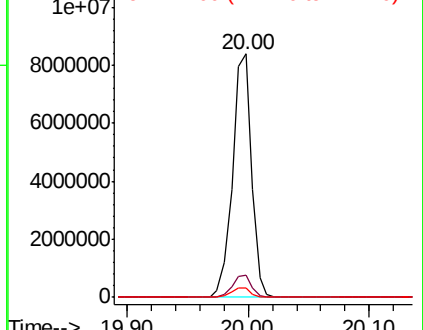
122 3.6 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.110 ng

RT: 20.67 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

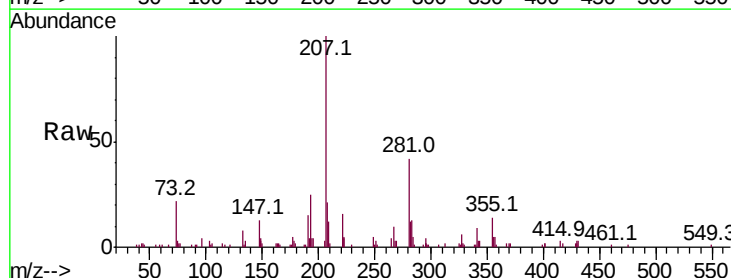
Tgt Ion:149 Resp: 3006

Ion Ratio Lower Upper

149 100

91 25.3 50.1 75.1#

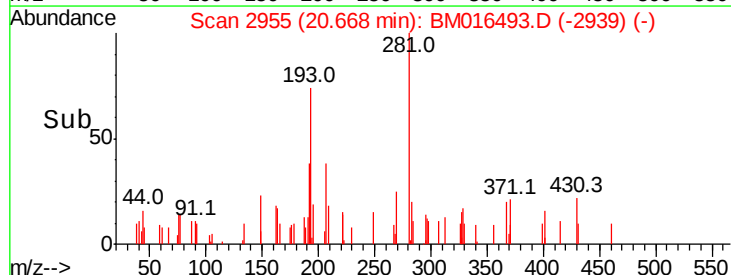
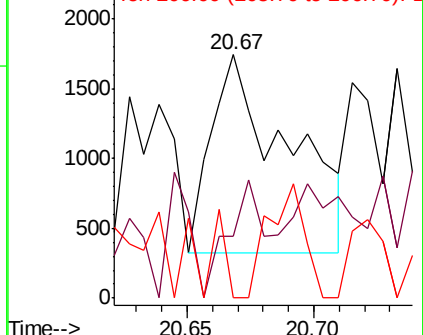
206 0.0 16.2 24.2#

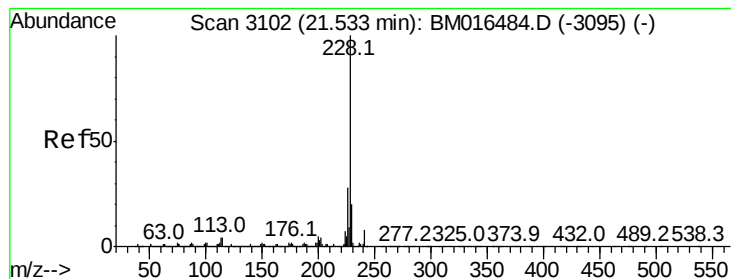


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.066 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

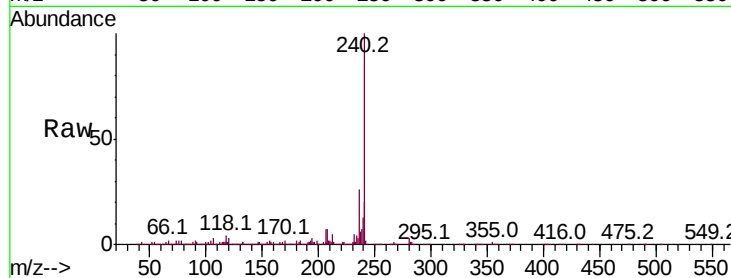
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 5630

Ion	Ratio	Lower	Upper
228	100		
226	10.9	21.7	32.5#
229	18.1	16.0	24.0

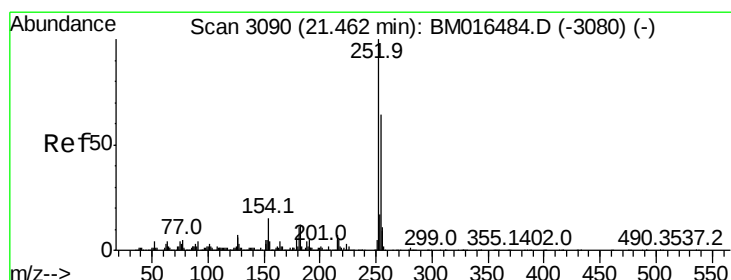
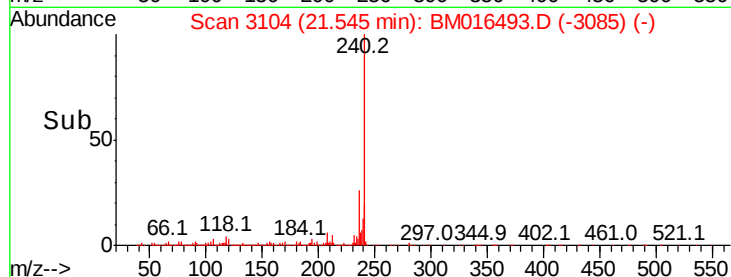
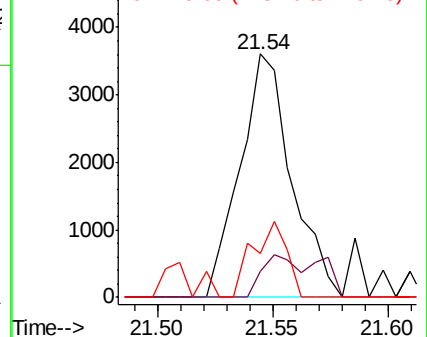


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.038 ng

RT: 21.47 min Scan# 3092

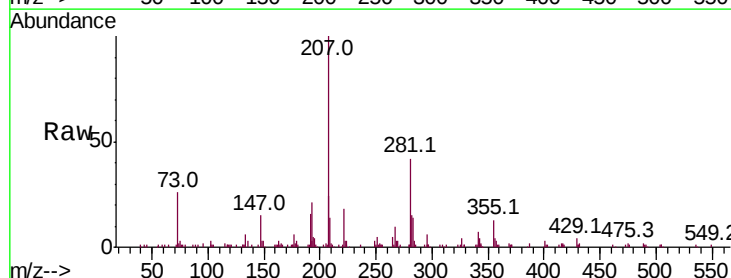
Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Tgt Ion:252 Resp: 1456

Ion	Ratio	Lower	Upper
252	100		
254	98.5	51.9	77.9#
126	0.0	9.8	14.8#

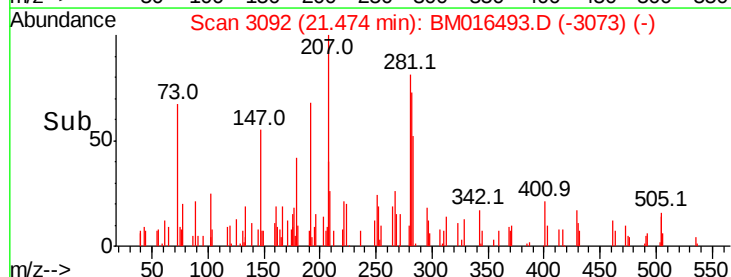
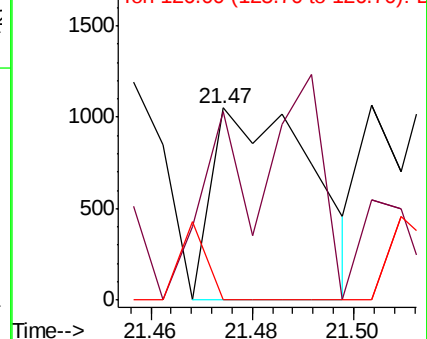


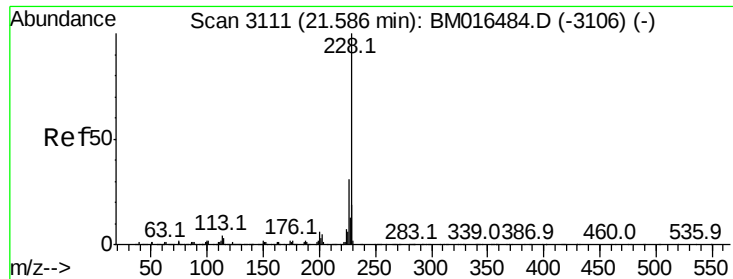
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

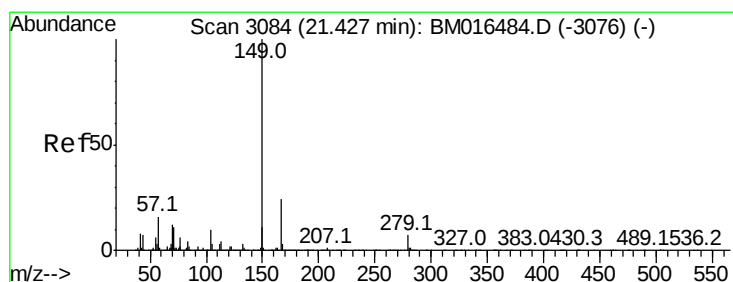
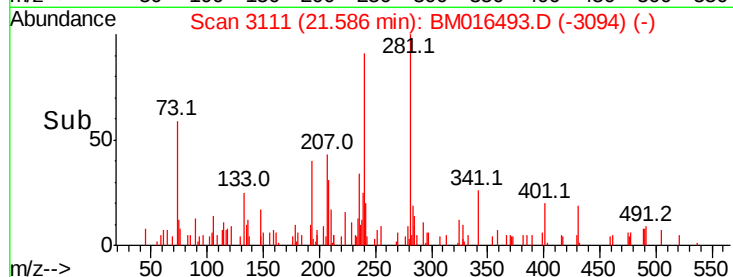
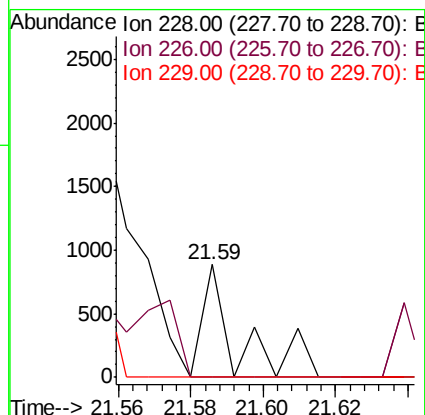
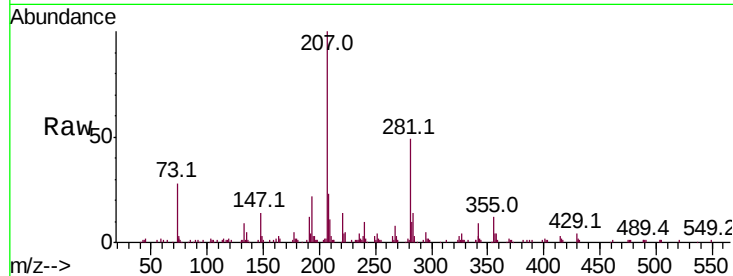




#82
 Chrysene
 Concen: 0.007 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM016493.D
 Acq: 21 Aug 2018 20:53

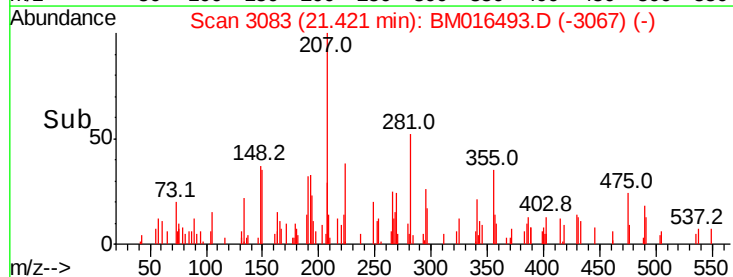
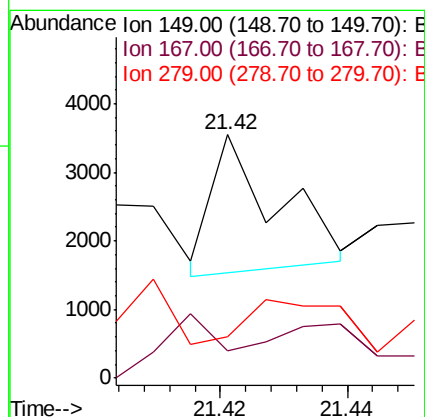
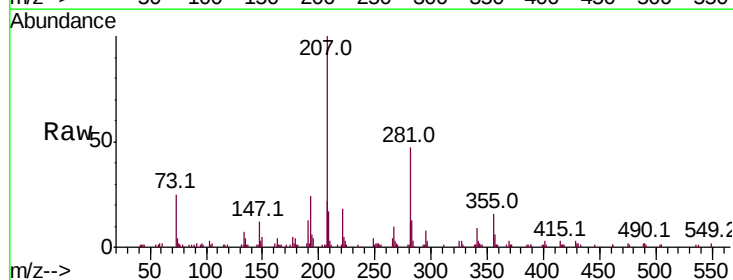
Instrument :
 BNA_M
 ClientSampled :

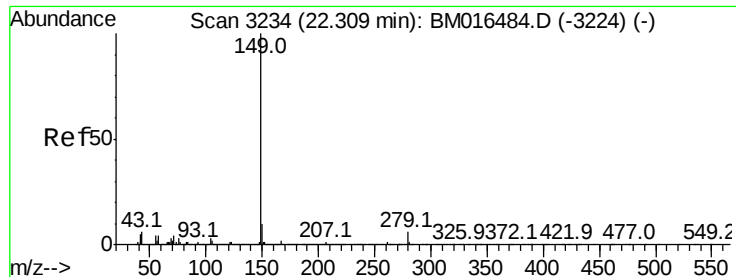
Tot Ion:228 Resp: 590
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 0.0 15.5 23.3#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016493.D
 Acq: 21 Aug 2018 20:53

Tgt Ion:149 Resp: 1442
 Ion Ratio Lower Upper
 149 100
 167 11.5 22.4 33.6#
 279 17.1 3.4 5.0#

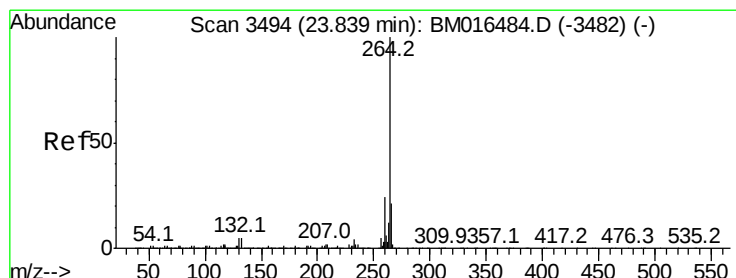
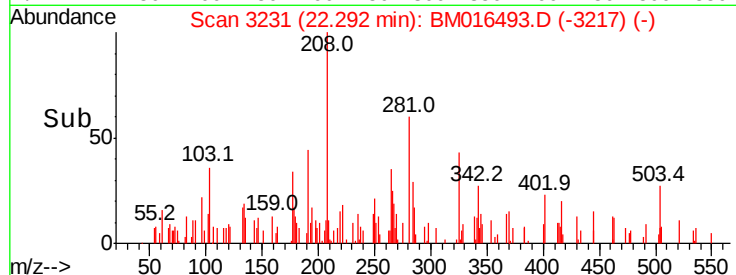
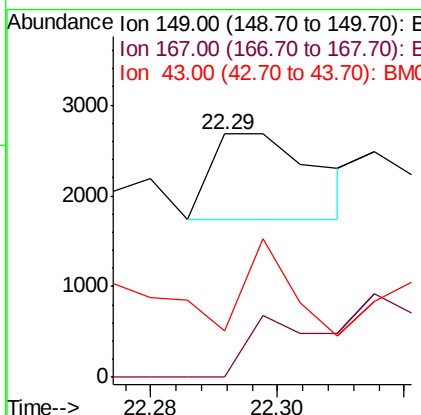
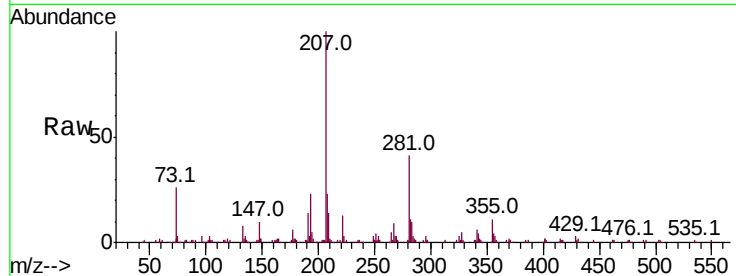




#84
Di-n-octyl phthalate
Concen: 0.016 ng
RT: 22.29 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

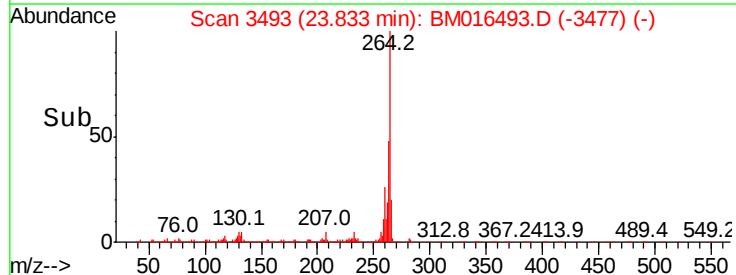
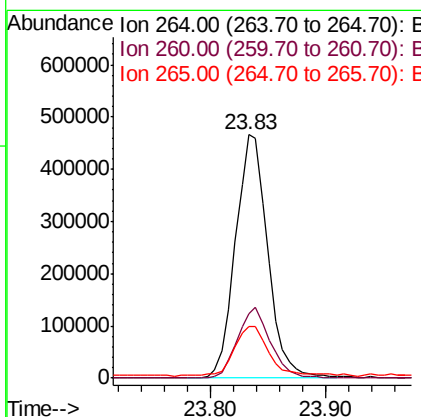
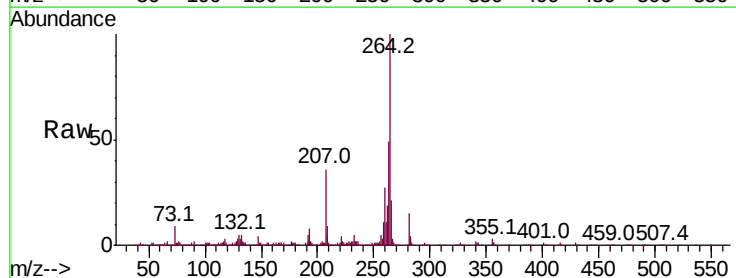
Instrument :
BNA_M
ClientSampleId :

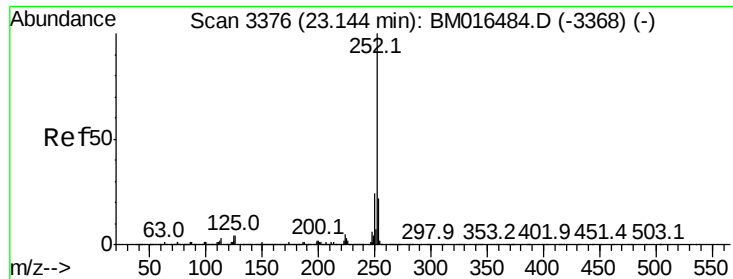
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	47.5	7.3	10.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016493.D
Acq: 21 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	18.6	27.8
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.16 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BM016493.D

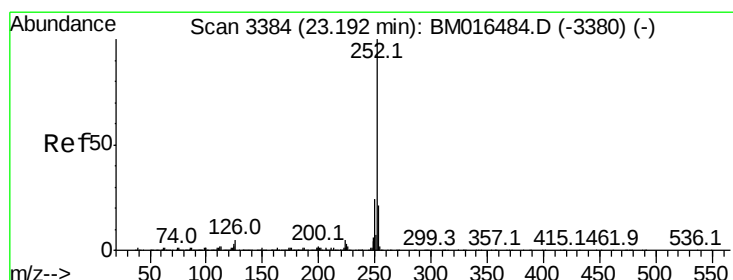
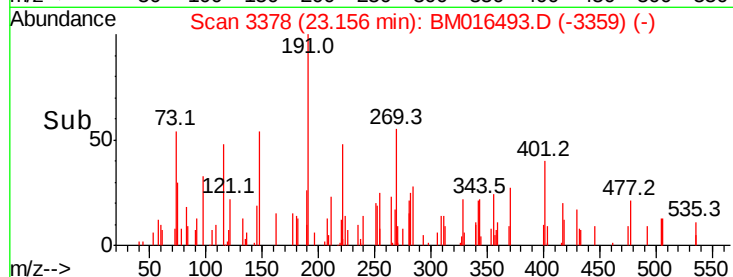
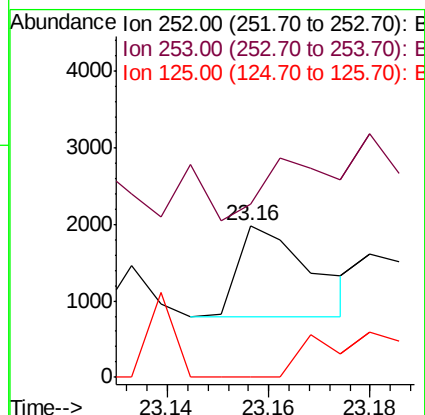
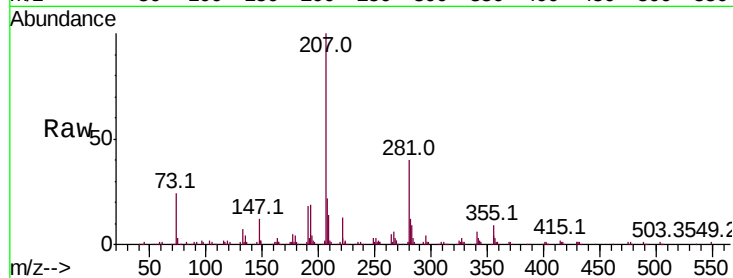
Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	1171
Ion Ratio	Lower	Upper
252	100	
253	114.2	18.0 27.0#
125	0.0	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.024 ng

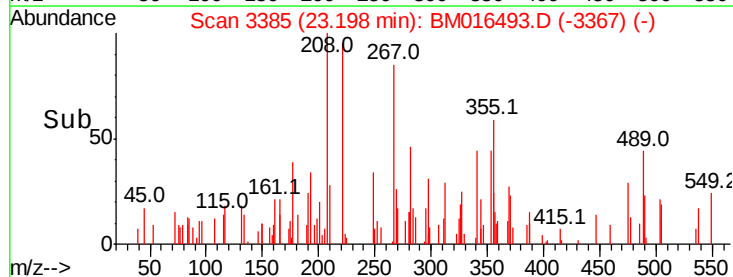
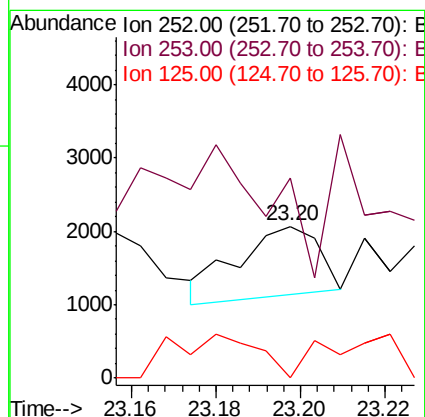
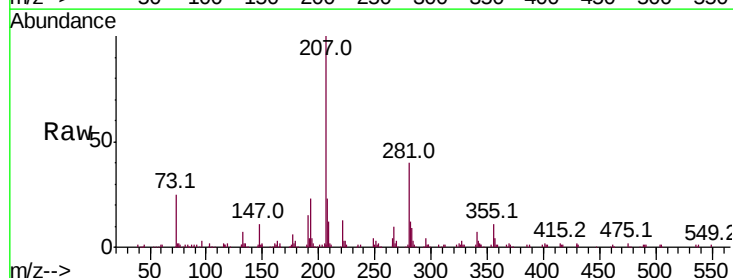
RT: 23.20 min Scan# 3385

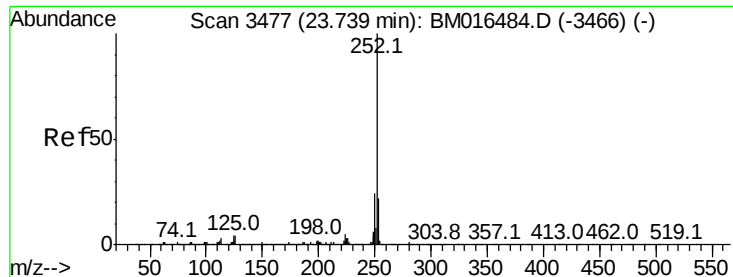
Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Tgt Ion:252	Resp:	1285
Ion Ratio	Lower	Upper
252	100	
253	131.8	17.2 25.8#
125	0.0	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.031 ng

RT: 23.74 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampled :

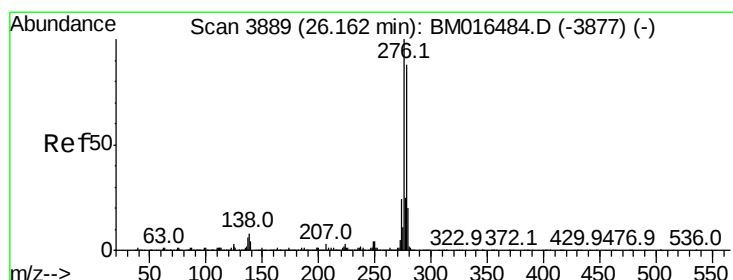
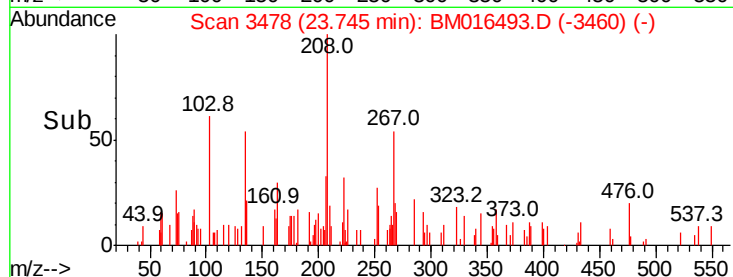
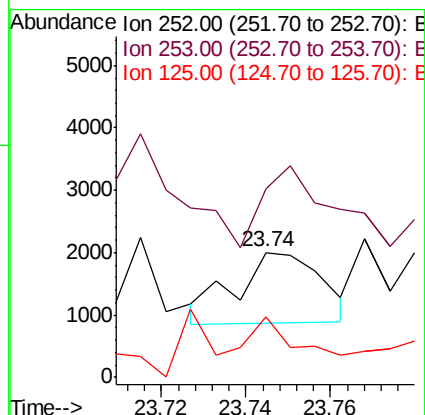
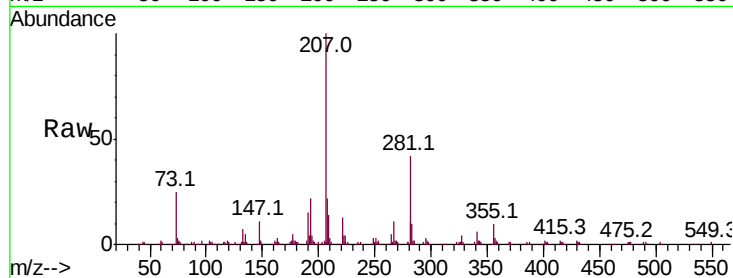
Tot Ion:252 Resp: 1587

Ion Ratio Lower Upper

252 100

253 150.9 17.6 26.4#

125 48.2 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.13 min Scan# 3883

Delta R.T. -0.04 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

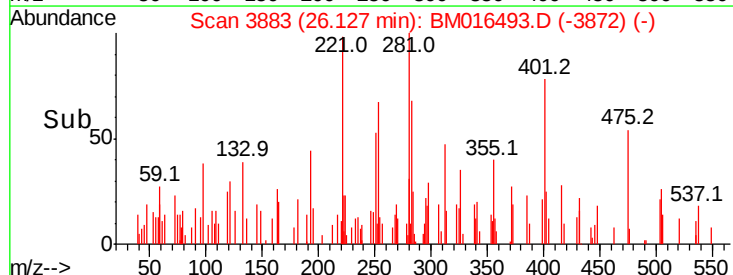
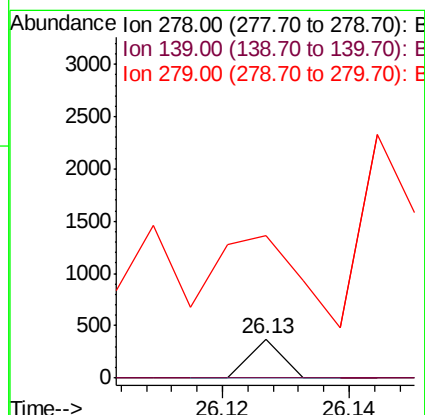
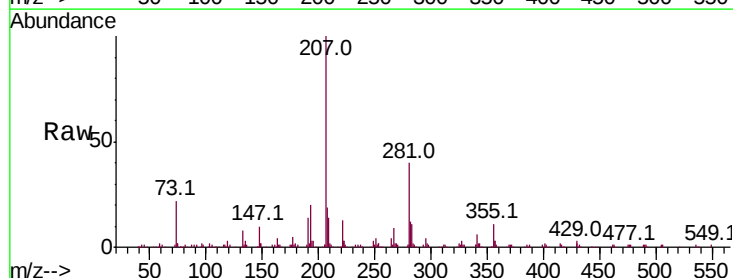
Tgt Ion:278 Resp: 132

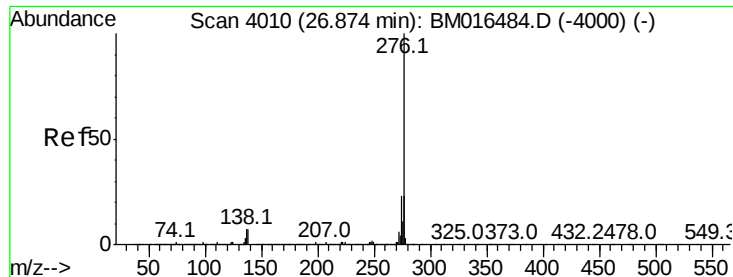
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 365.8 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.004 ng

RT: 26.90 min Scan# 4015

Delta R.T. 0.03 min

Lab File: BM016493.D

Acq: 21 Aug 2018 20:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 211

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 19.0 28.6#

