

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\
 Data File : BM016083.D
 Acq On : 26 Jul 2018 21:48
 Operator : SJ/JU
 Sample : J4135-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 04:59:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	67897	20.00	ng	-0.03
21) Naphthalene-d8	11.03	136	258870	20.00	ng	-0.03
38) Acenaphthene-d10	14.83	164	145819	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	345466	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	351328	20.00	ng	-0.02
86) Perylene-d12	24.04	264	294844	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	520085	127.24	ng	-0.02
7) Phenol-d6	7.37	99	544058	101.92	ng	-0.02
23) Nitrobenzene-d5	9.39	82	520867	93.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.32	330	297030	160.60	ng	-0.02
44) 2-Fluorobiphenyl	13.46	172	1065970	88.95	ng	-0.02
78) Terphenyl-d14	20.14	244	2161442	128.78	ng	-0.02

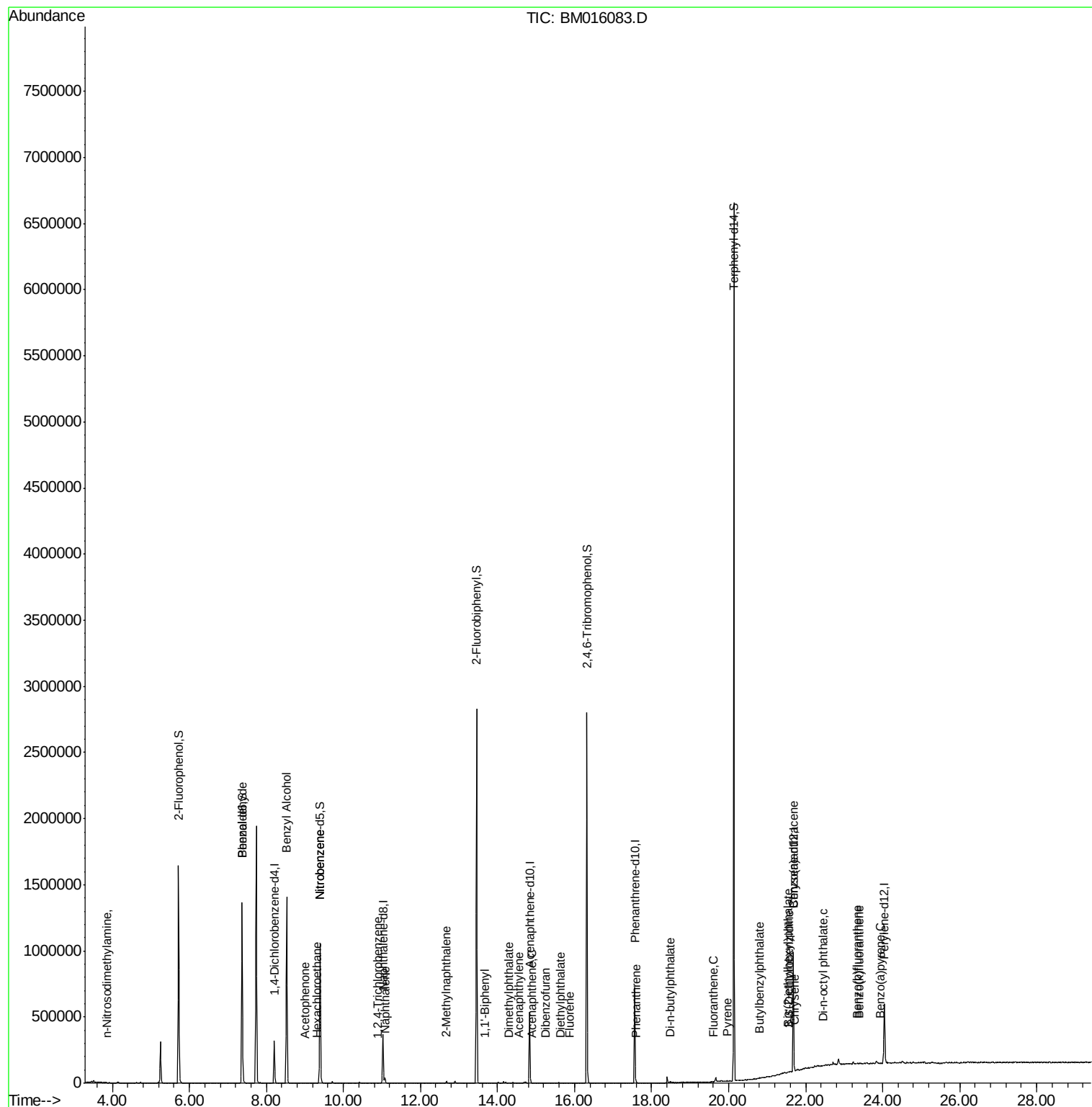
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.85	42	730	0.203	ng	# 1
9) Benzaldehyde	7.37	77	1689	0.450	ng	# 2
15) Benzyl Alcohol	8.53	79	8798	2.070	ng	# 29
18) Hexachloroethane	9.30	117	109	0.044	ng	# 1
22) Acetophenone	9.00	105	791	0.121	ng	# 52
24) Nitrobenzene	9.39	77	2693	0.481	ng	# 38
30) 1,2,4-Trichlorobenzene	10.90	180	117	0.025	ng	# 12
31) Naphthalene	11.07	128	28583	2.182	ng	# 99
37) 2-Methylnaphthalene	12.68	142	6985	0.796	ng	# 71
45) 1,1'-Biphenyl	13.67	154	1742	0.132	ng	# 86
48) Acenaphthylene	14.57	152	649	0.043	ng	# 61
49) Dimethylphthalate	14.29	163	2954	0.231	ng	# 77
51) Acenaphthene	14.89	154	966	0.105	ng	# 74
54) Dibenzofuran	15.25	168	789	0.052	ng	# 61
57) Fluorene	15.89	166	1243	0.110	ng	# 86
59) Diethylphthalate	15.63	149	1270	0.092	ng	# 58
70) Phenanthrene	17.60	178	3678	0.190	ng	# 88
73) Di-n-butylphthalate	18.49	149	3584	0.148	ng	# 94
74) Fluoranthene	19.61	202	632	0.029	ng	# 66
77) Pvrene	19.96	202	506	0.024	ng	# 57
79) Butylbenzylphthalate	20.81	149	783	0.073	ng	# 28
80) Benzo(a)anthracene	21.68	228	1373	0.063	ng	# 51
81) 3,3'-Dichlorobenzidine	21.57	252	112	0.013	ng	# 26
82) Chrysene	21.72	228	109	0.005	ng	# 50
83) Bis(2-ethylhexyl)phthalate	21.56	149	1868	0.121	ng	# 84
84) Di-n-octyl phthalate	22.46	149	174	0.007	ng	# 78
87) Benzo(b)fluoranthene	23.35	252	984	0.057	ng	# 34
88) Benzo(k)fluoranthene	23.39	252	743	0.042	ng	# 1
89) Benzo(a)pyrene	23.96	252	527	0.032	ng	# 1

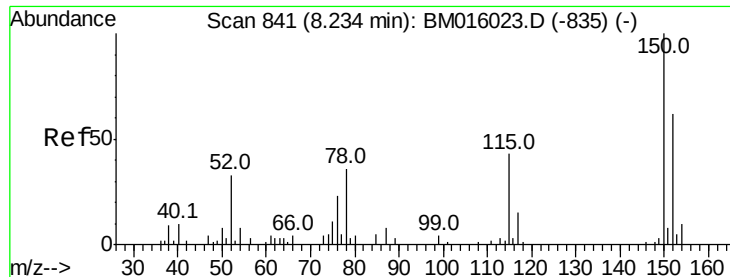
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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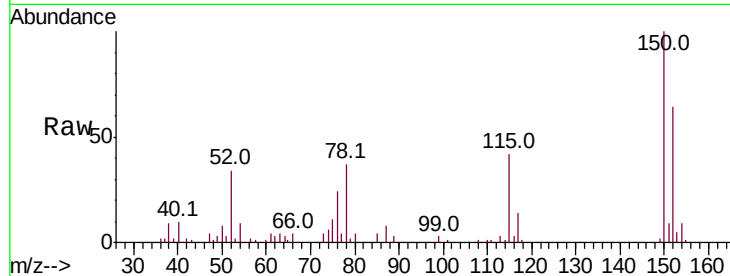


#1

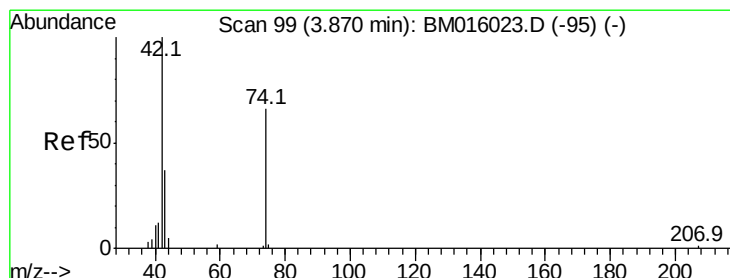
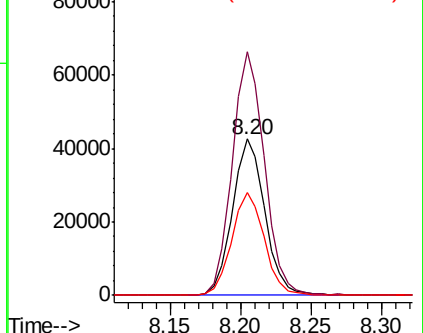
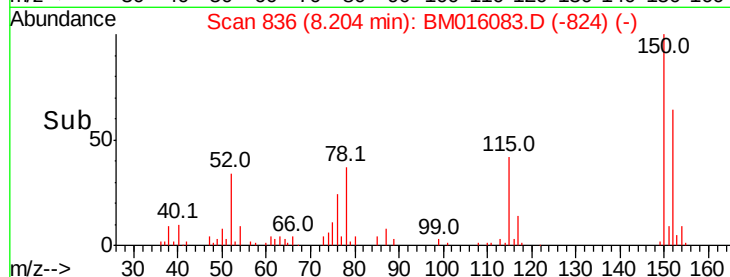
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.03 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.5	179.3
115	65.8	43.0	64.4



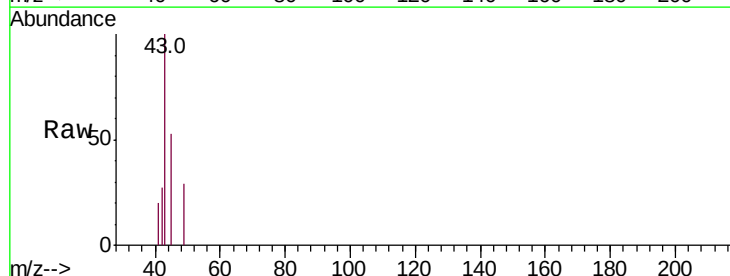
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



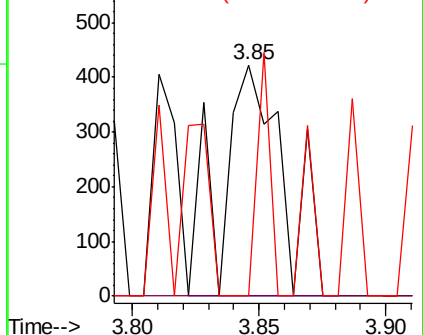
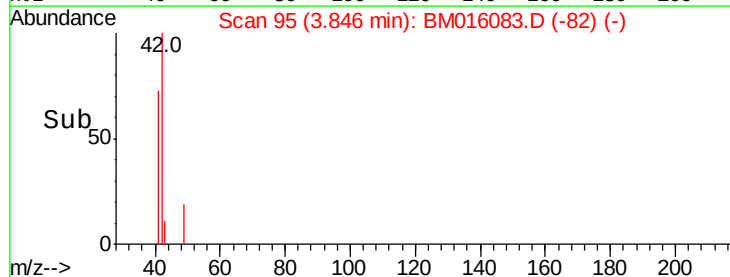
#4

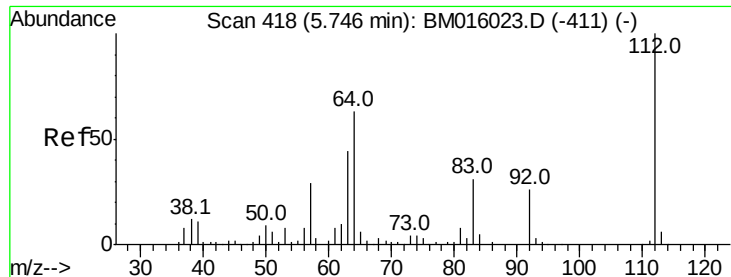
n-Nitrosodimethylamine
 Concen: 0.203 ng
 RT: 3.85 min Scan# 95
 Delta R.T. -0.02 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

Tgt 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): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 0.203 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampled :

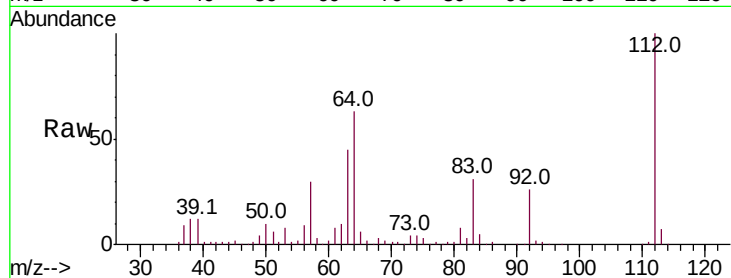
Tot Ion:112 Resp: 520085

Ion Ratio Lower Upper

112 100

64 62.6 38.6 57.8#

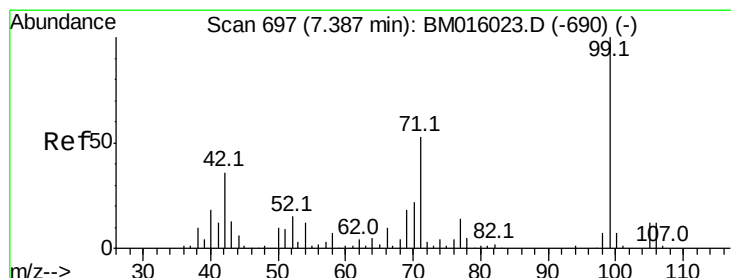
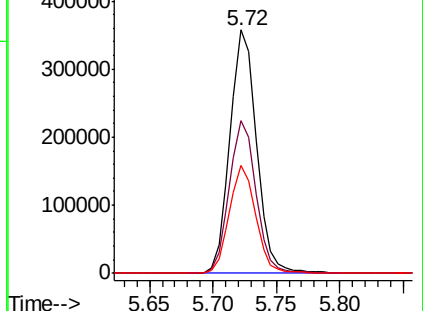
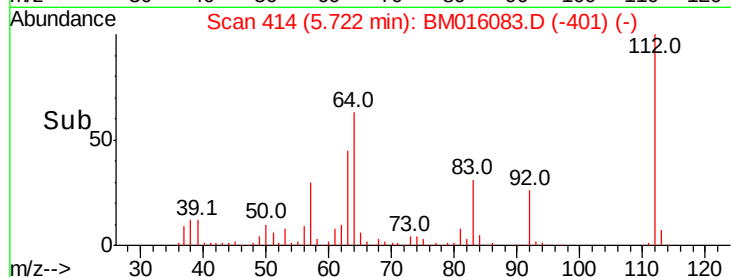
63 44.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: N.D. ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

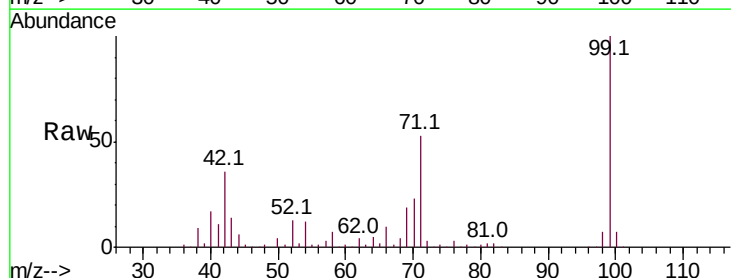
Tgt Ion: 99 Resp: 544058

Ion Ratio Lower Upper

99 100

42 36.5 11.0 16.4#

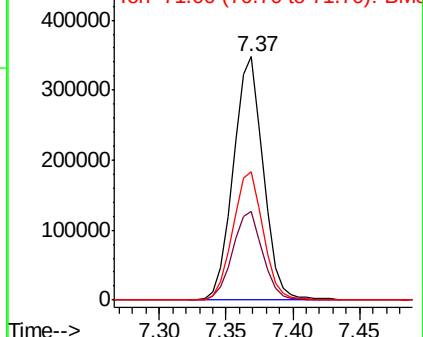
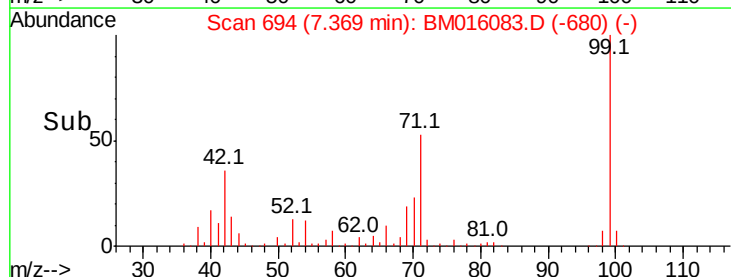
71 52.7 23.4 35.2#

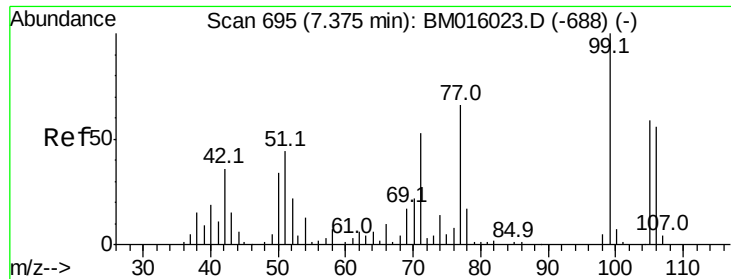


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM

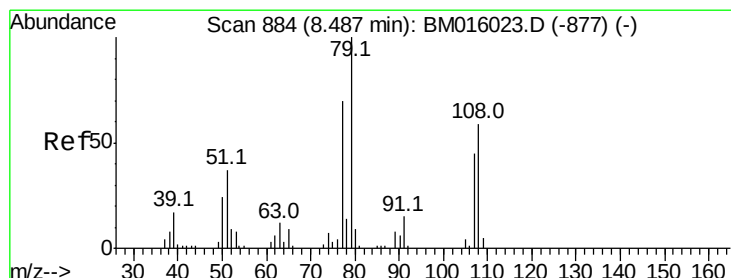
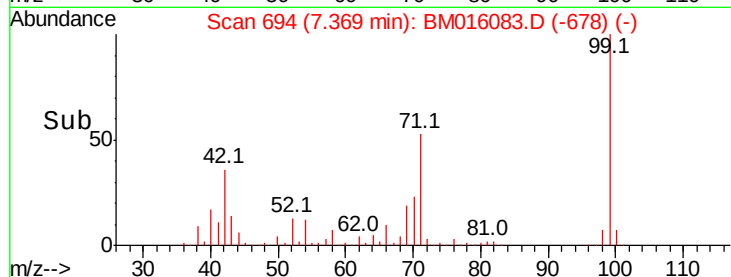
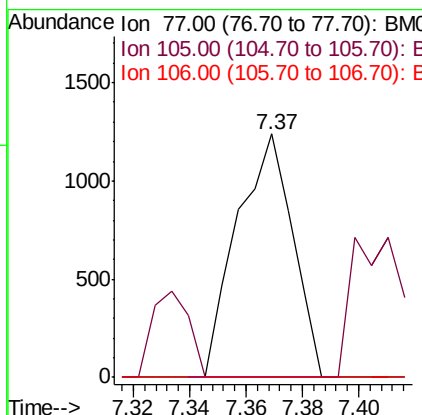
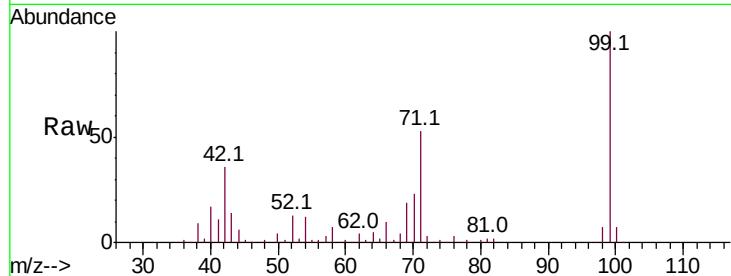




#9
Benzaldehyde
Concen: 0.450 ng
RT: 7.37 min Scan# 694
Delta R.T. -0.01 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

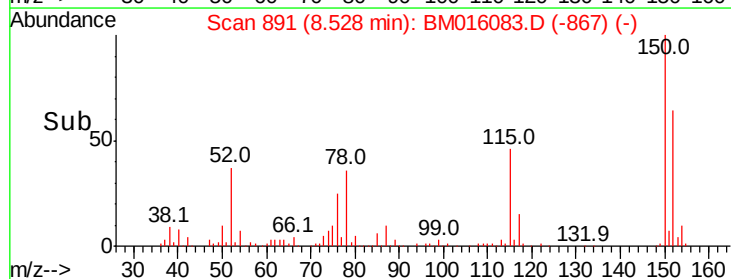
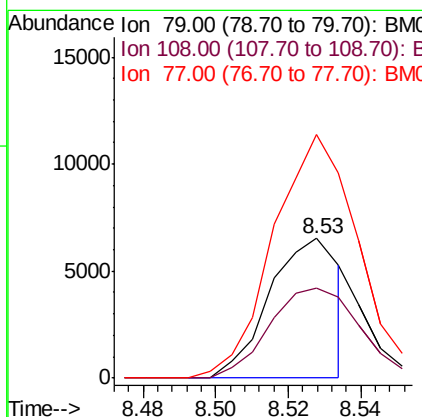
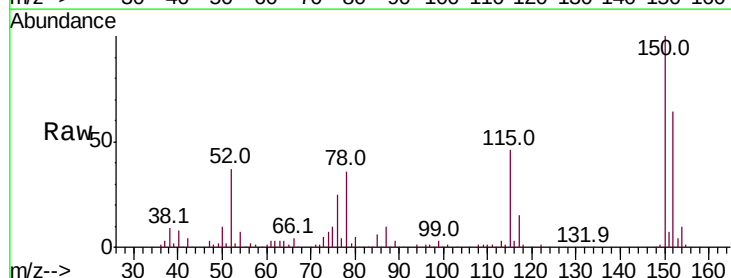
Instrument :
BNA_M
ClientSampleId :

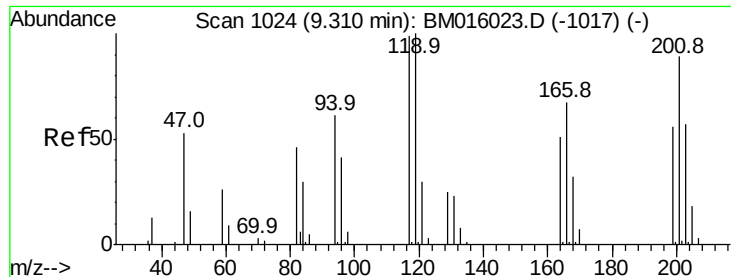
Tot Ion: 77 Resp: 1689
Ion Ratio Lower Upper
77 100
105 0.0 78.8 118.8#
106 0.0 73.7 113.7#



#15
Benzyl Alcohol
Concen: 2.070 ng
RT: 8.53 min Scan# 891
Delta R.T. 0.04 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion: 79 Resp: 8798
Ion Ratio Lower Upper
79 100
108 64.6 65.0 97.4#
77 174.5 53.0 79.6#

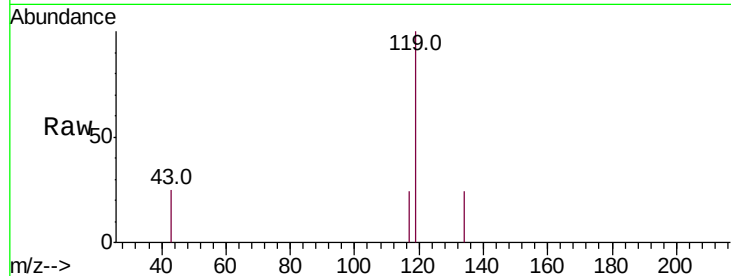




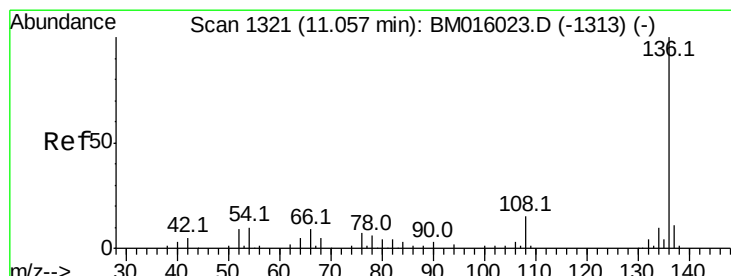
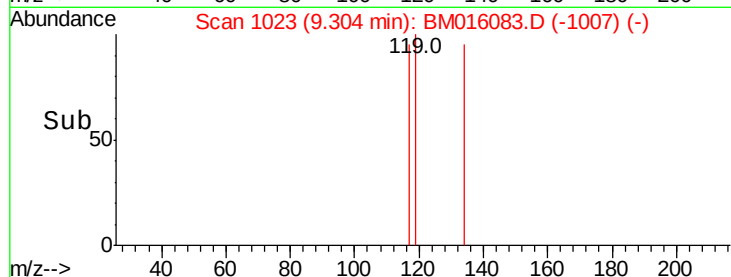
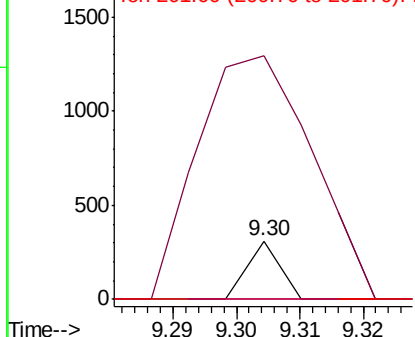
#18
Hexachloroethane
Concen: 0.044 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 109
Ion Ratio Lower Upper
117 100
119 417.4 79.2 118.8#
201 0.0 69.8 104.6#

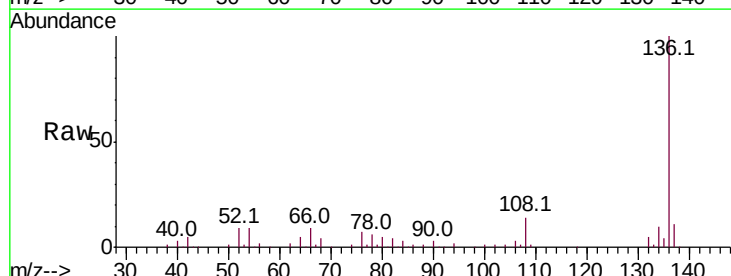


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

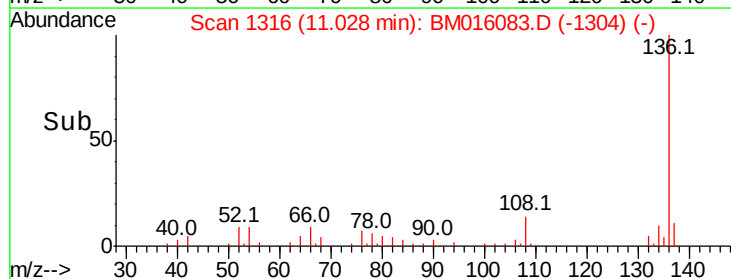
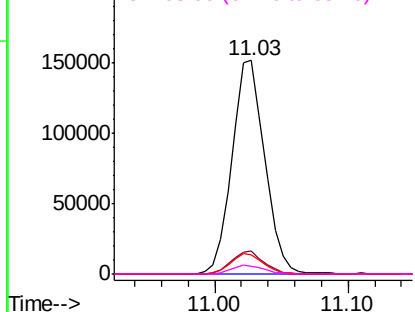


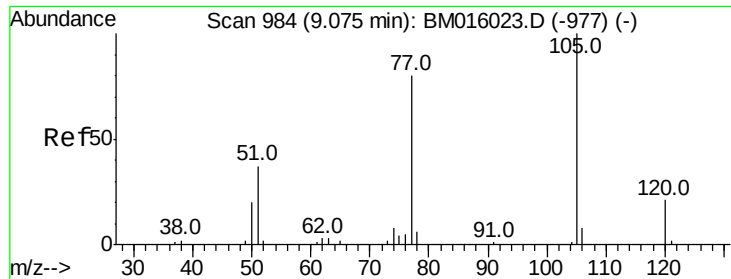
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.03 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:136 Resp: 258870
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 4.6 6.8#
68 3.8 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



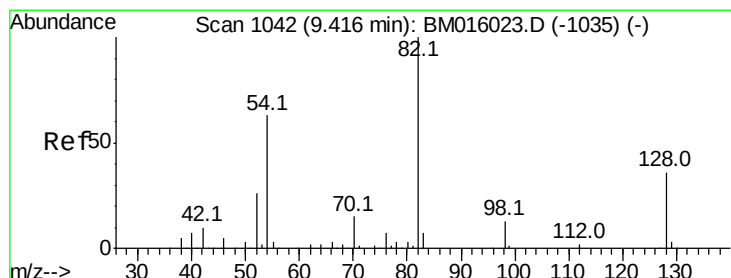
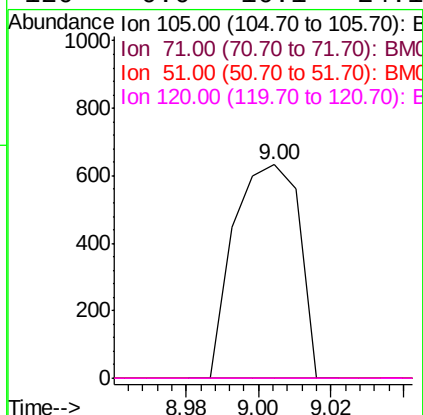
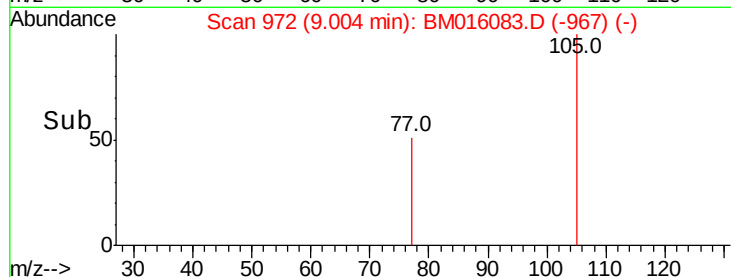
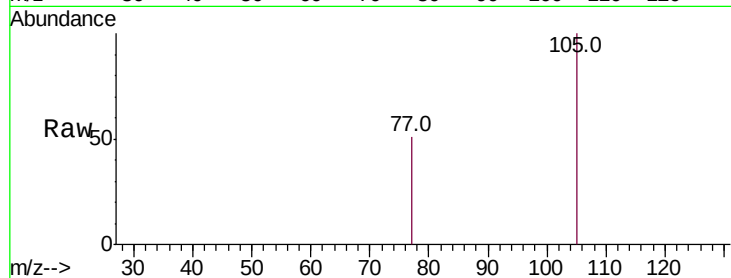


#22
 Acetophenone
 Concen: 0.121 ng
 RT: 9.00 min Scan# 972
 Delta R.T. -0.07 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion: 105 Resp: 791

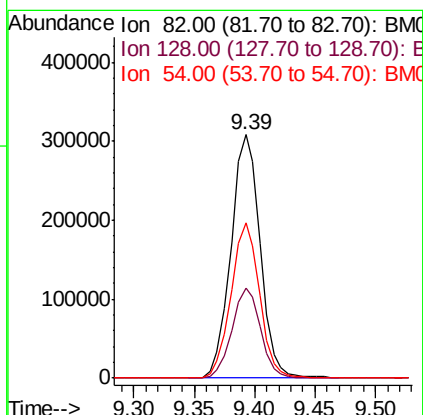
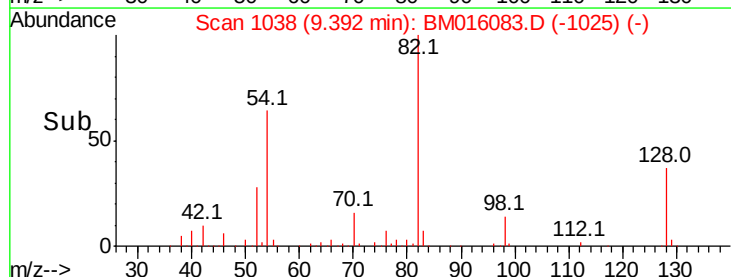
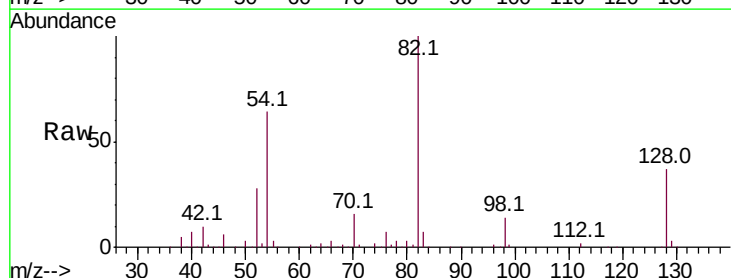
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

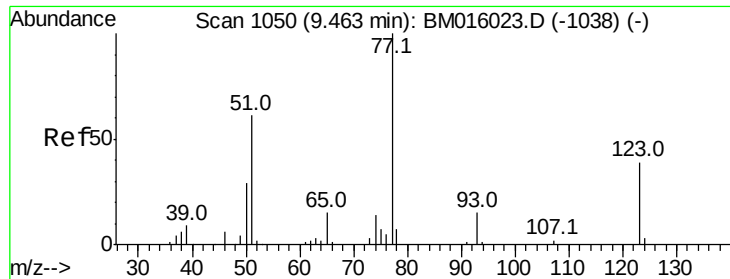


#23
 Nitrobenzene-d5
 Concen: 0.121 ng
 RT: 9.39 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

Tgt Ion: 82 Resp: 520867

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	63.9	40.6	60.8#

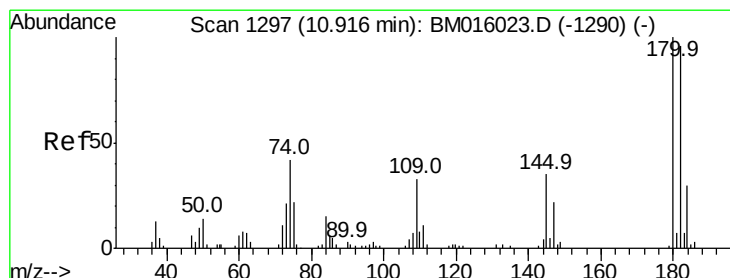
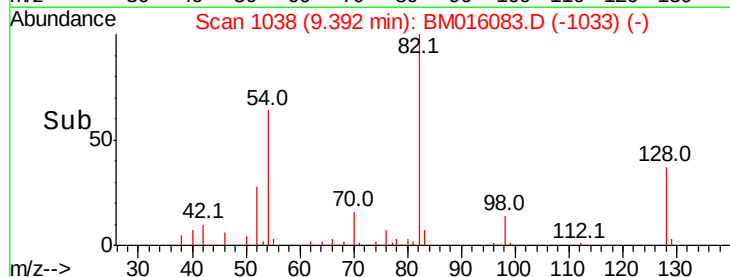
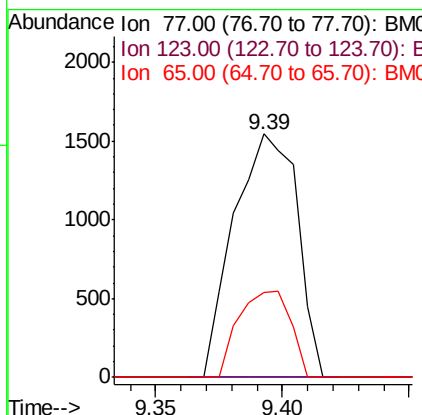
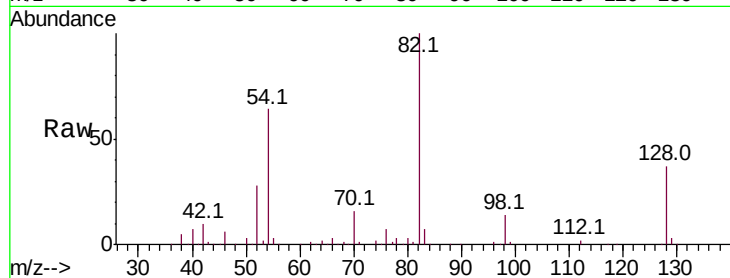




#24
 Nitrobenzene
 Concen: 0.481 ng
 RT: 9.39 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

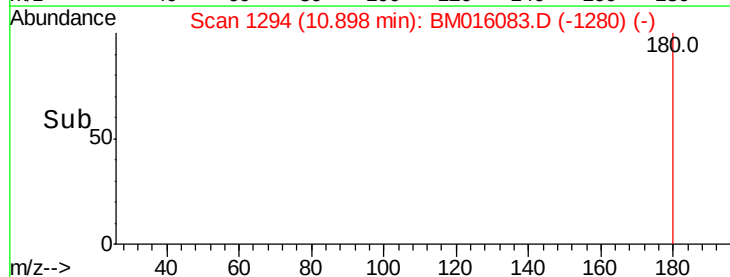
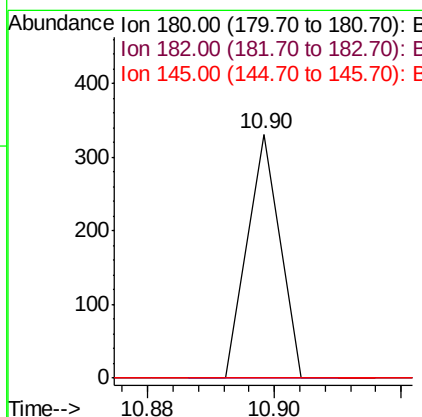
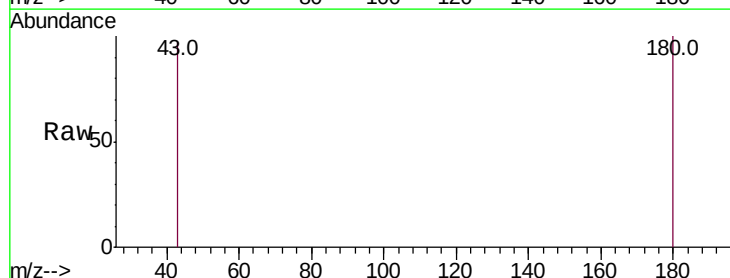
Instrument :
 BNA_M
 ClientSampleId :

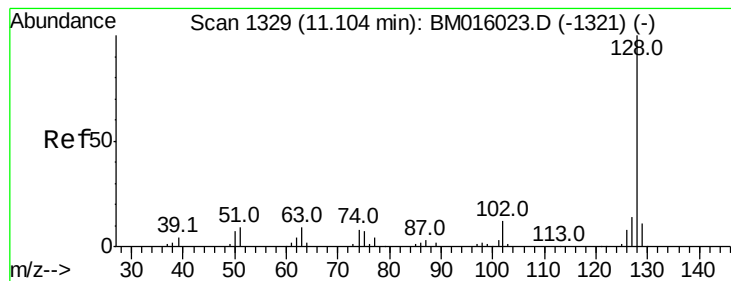
Tot Ion: 77 Resp: 2693
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 34.8 10.9 16.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 0.025 ng
 RT: 10.90 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BM016083.D
 Acq: 26 Jul 2018 21:48

Tgt Ion: 180 Resp: 117
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.6 116.4#
 145 0.0 23.4 35.2#





#31

Naphthalene

Concen: 2.182 ng

RT: 11.07 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

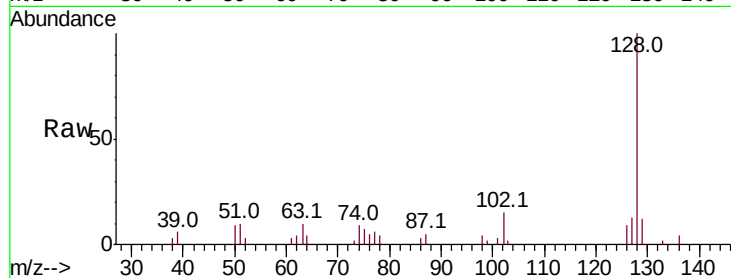
Tot Ion:128 Resp: 28583

Ion Ratio Lower Upper

128 100

129 12.2 8.9 13.3

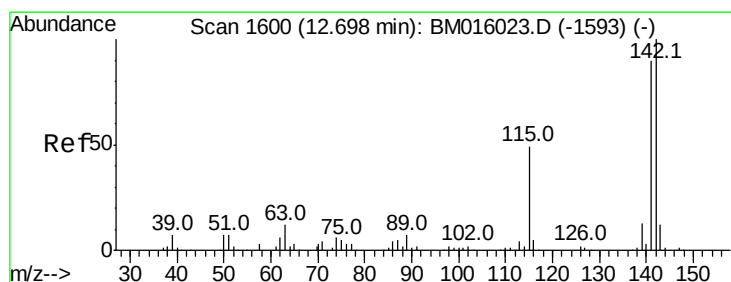
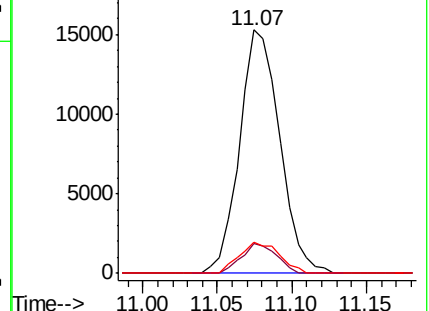
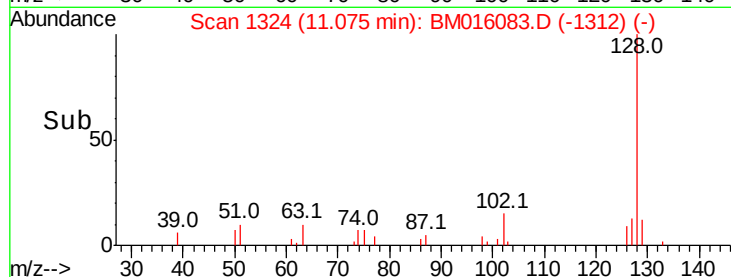
127 13.0 10.4 15.6



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



#37

2-Methylnaphthalene

Concen: 0.796 ng

RT: 12.68 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

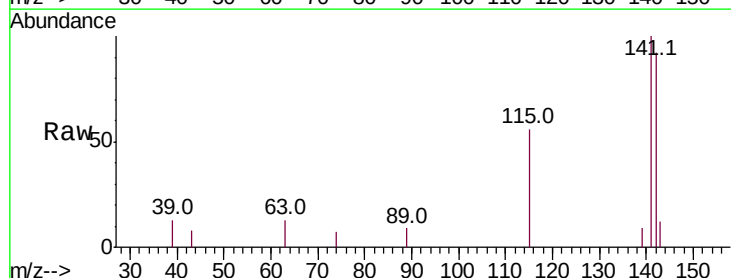
Tgt Ion:142 Resp: 6985

Ion Ratio Lower Upper

142 100

141 109.2 71.9 107.9#

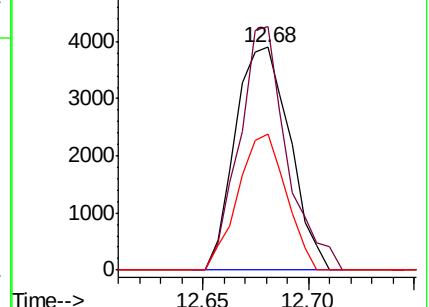
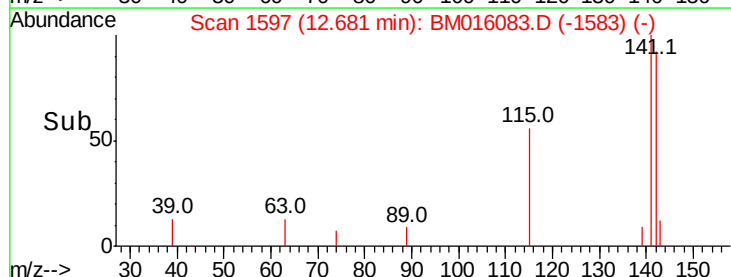
115 61.3 25.4 38.0#

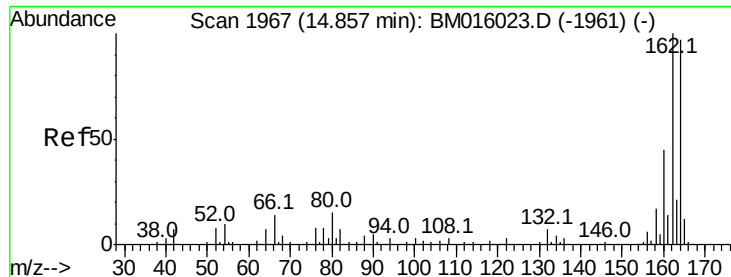


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.83 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

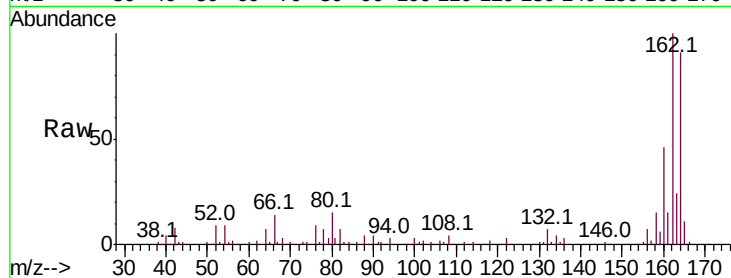
Tot Ion:164 Resp: 145819

Ion Ratio Lower Upper

164 100

162 110.3 82.4 123.6

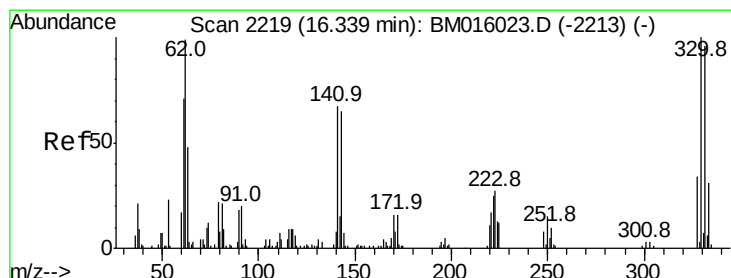
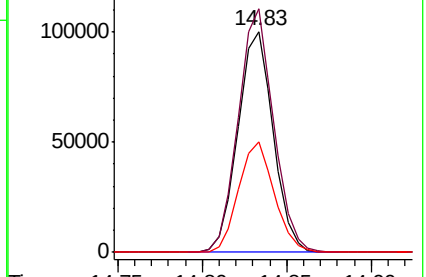
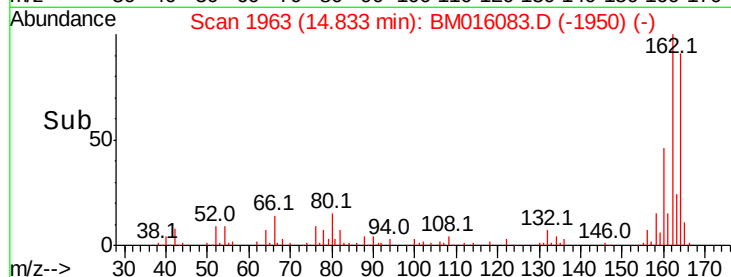
160 50.3 35.8 53.6



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: 16.32 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

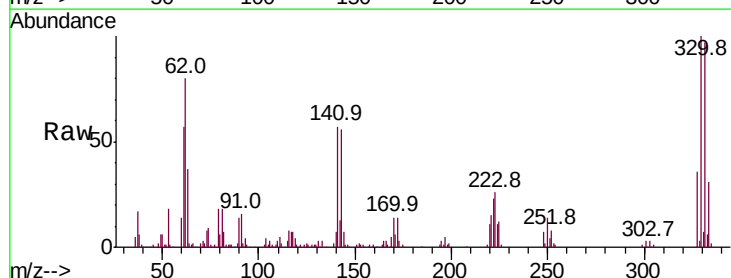
Tgt Ion:330 Resp: 297030

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

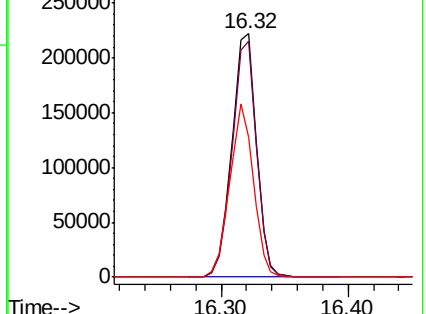
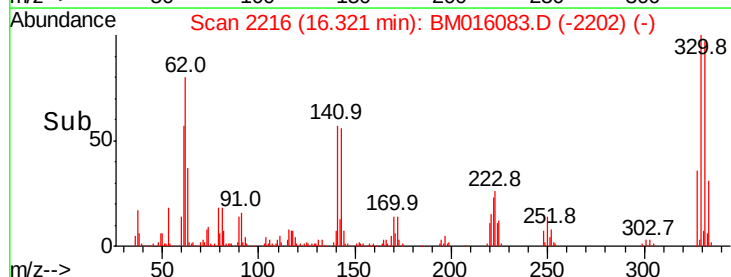
141 68.4 0.0 0.0#

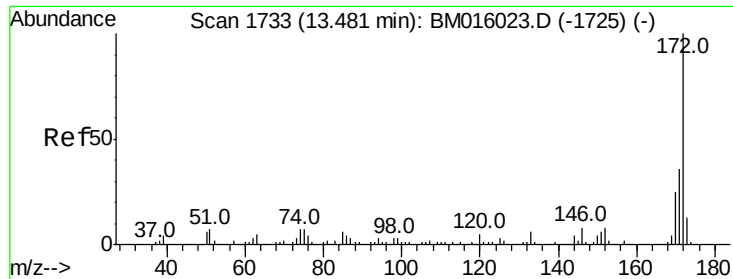


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

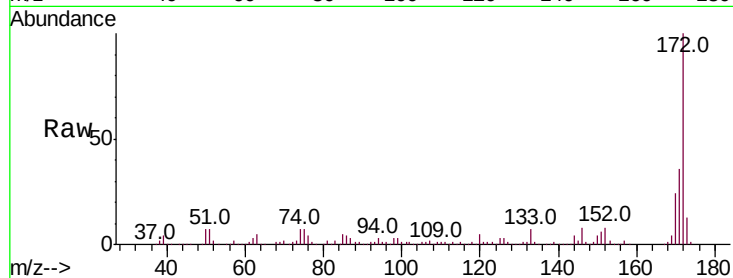




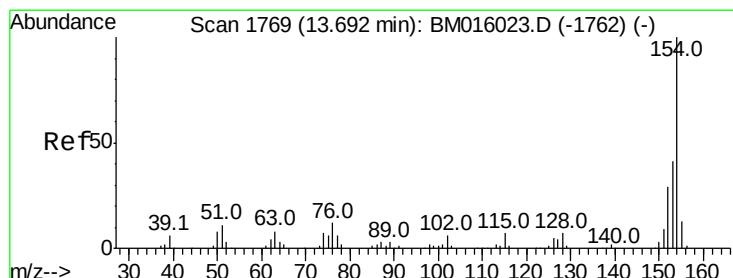
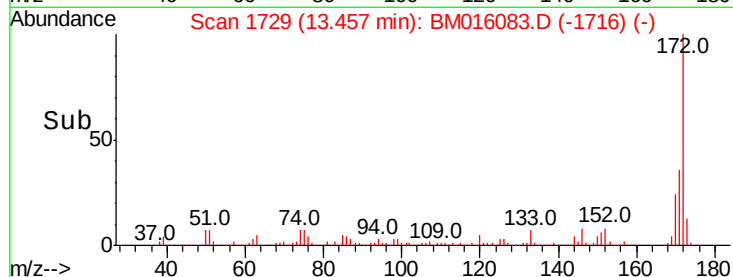
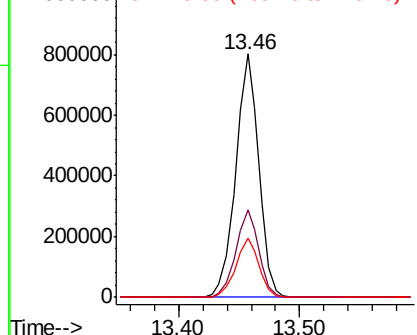
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.46 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1065970
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.4 18.8 28.2

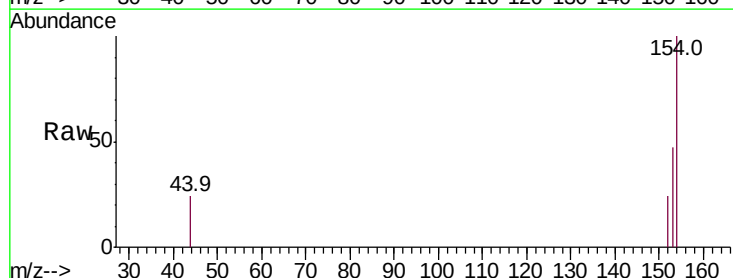


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

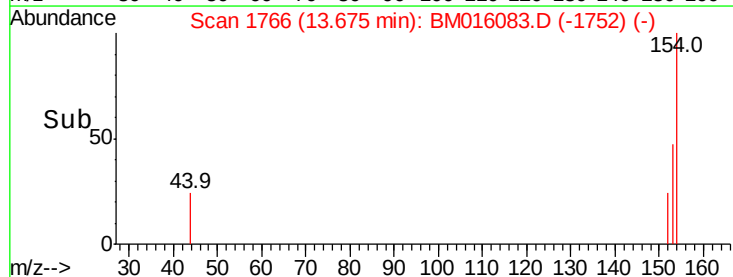
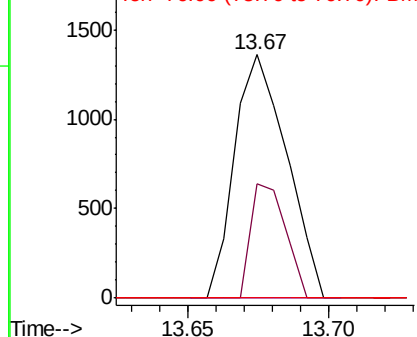


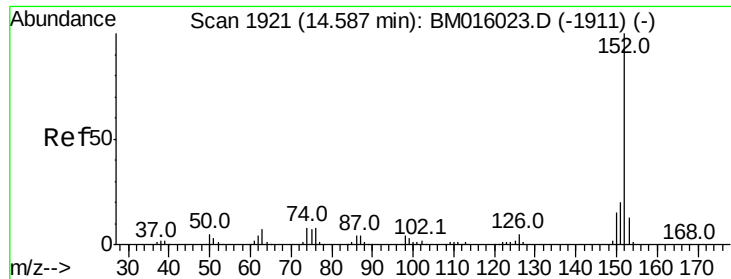
#45
1,1'-Biphenyl
Concen: 0.132 ng
RT: 13.67 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:154 Resp: 1742
Ion Ratio Lower Upper
154 100
153 47.1 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





#48

Acenaphthylene

Concen: 0.043 ng

RT: 14.57 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

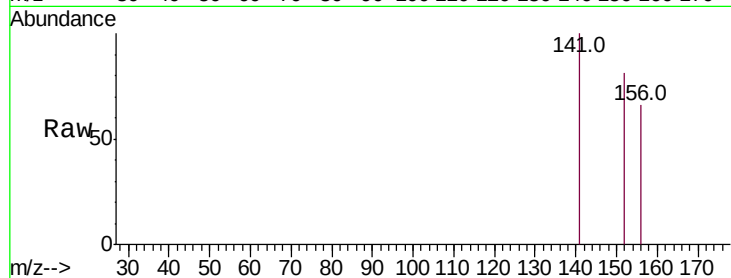
Tot Ion:152 Resp: 649

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

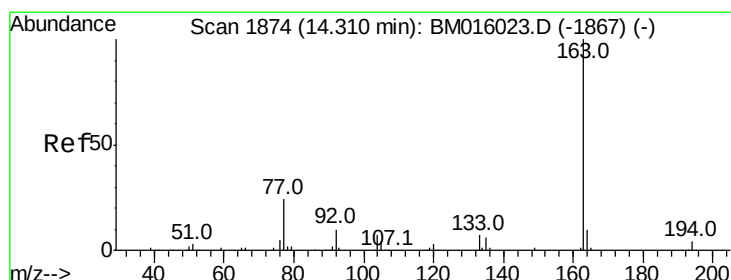
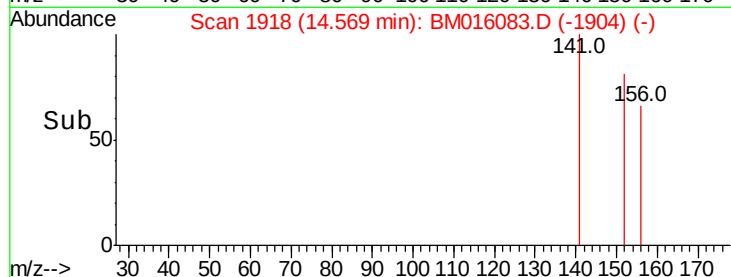
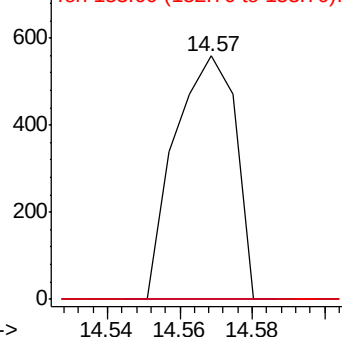
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.231 ng

RT: 14.29 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

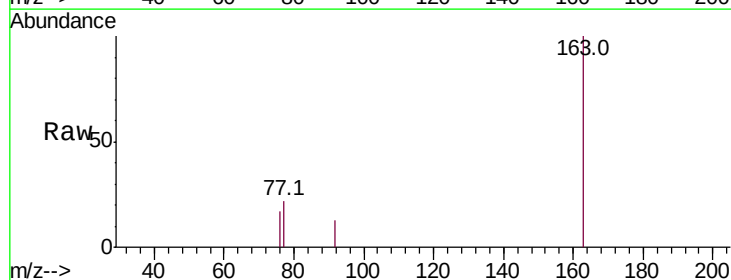
Tgt Ion:163 Resp: 2954

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

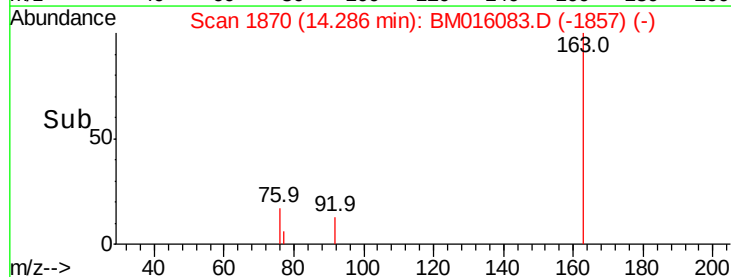
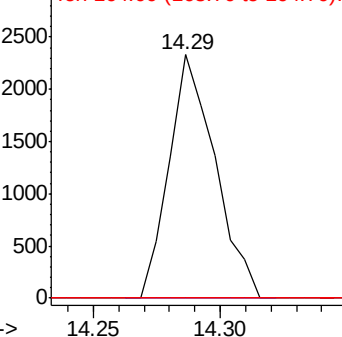
164 0.0 8.2 12.2#

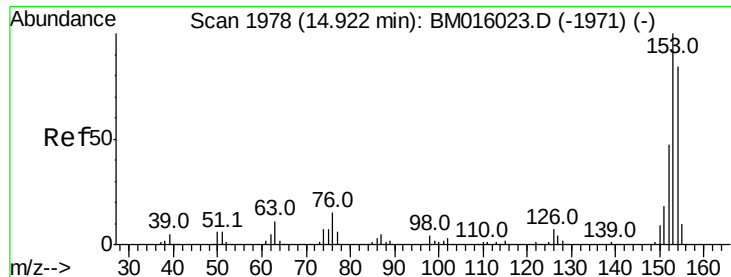


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.105 ng

RT: 14.89 min Scan# 1973

Delta R.T. -0.03 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

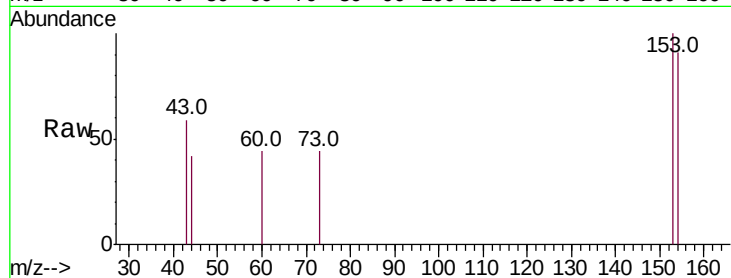
Tot Ion:154 Resp: 966

Ion Ratio Lower Upper

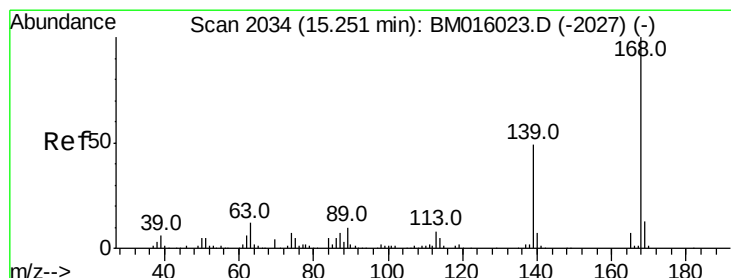
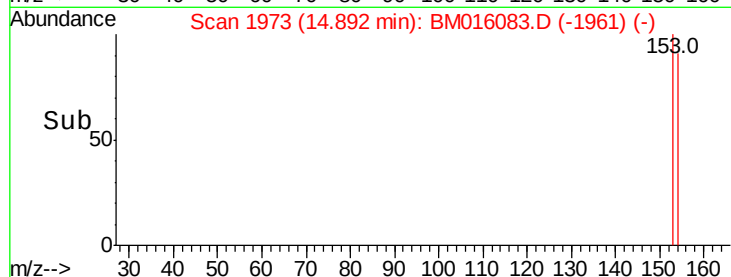
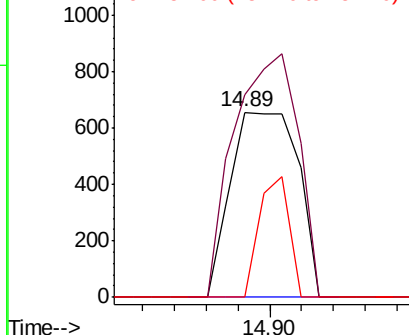
154 100

153 109.6 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



#54

Dibenzofuran

Concen: 0.052 ng

RT: 15.25 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

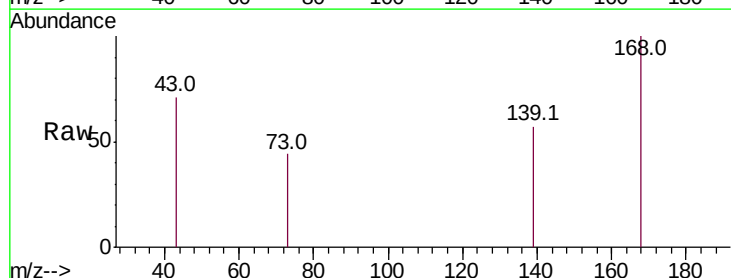
Tgt Ion:168 Resp: 789

Ion Ratio Lower Upper

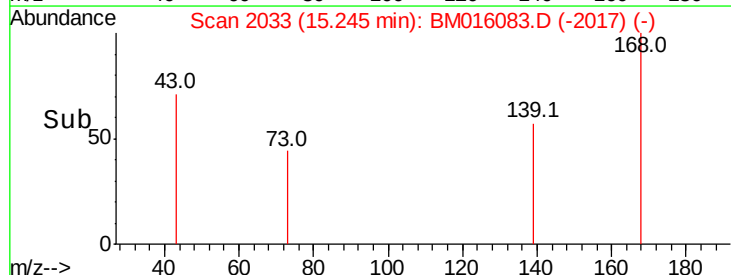
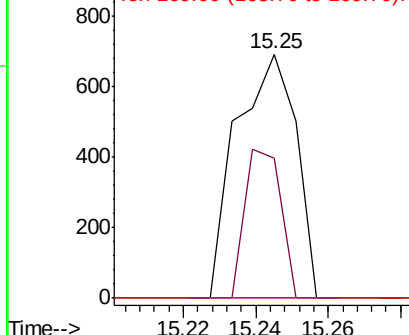
168 100

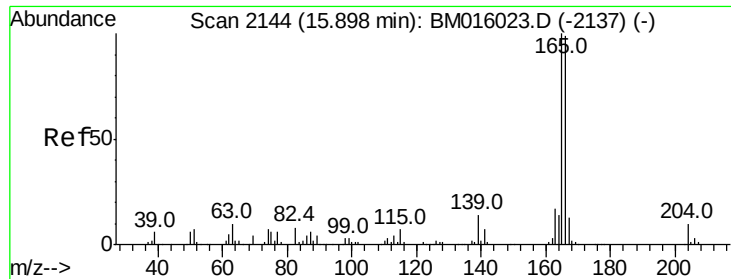
139 57.5 27.3 40.9#

169 0.0 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

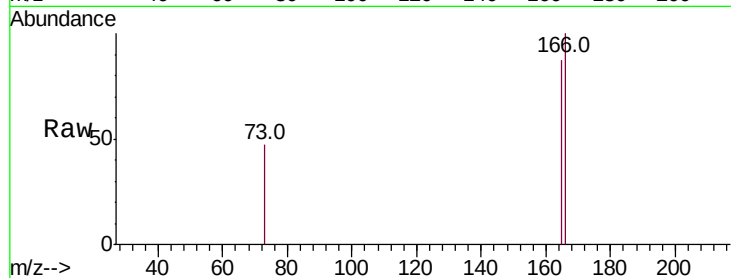




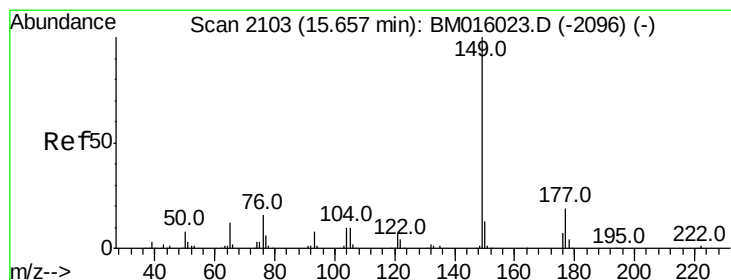
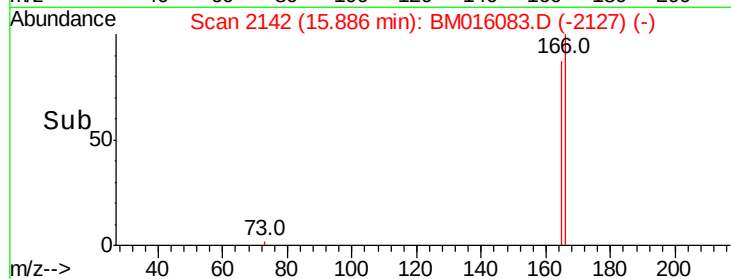
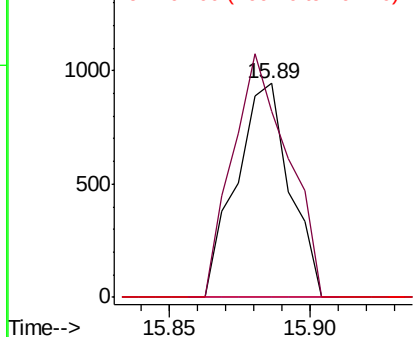
#57
Fluorene
Concen: 0.110 ng
RT: 15.89 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:166 Resp: 1243
Ion Ratio Lower Upper
166 100
165 87.1 79.0 118.4
167 0.0 10.3 15.5#

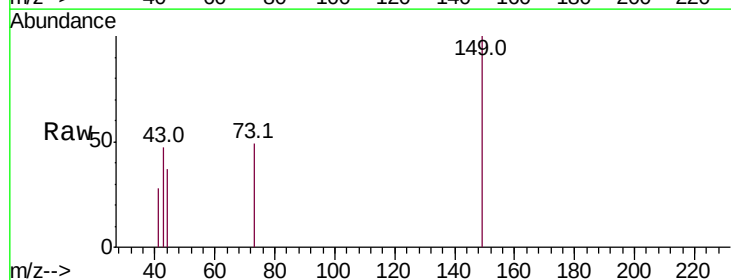


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

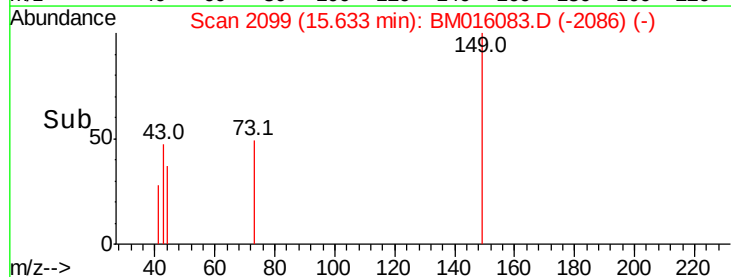
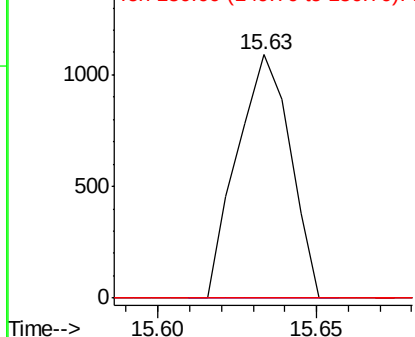


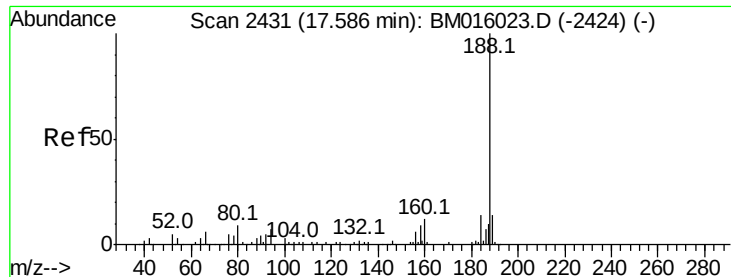
#59
Diethylphthalate
Concen: 0.092 ng
RT: 15.63 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:149 Resp: 1270
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

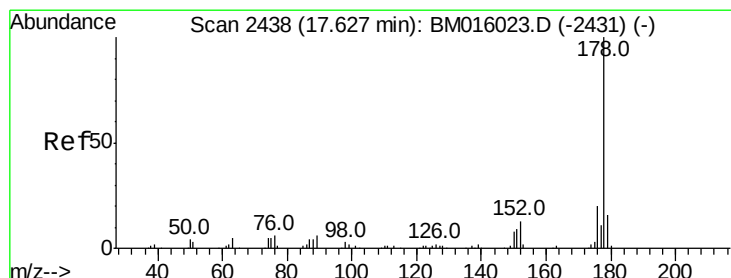
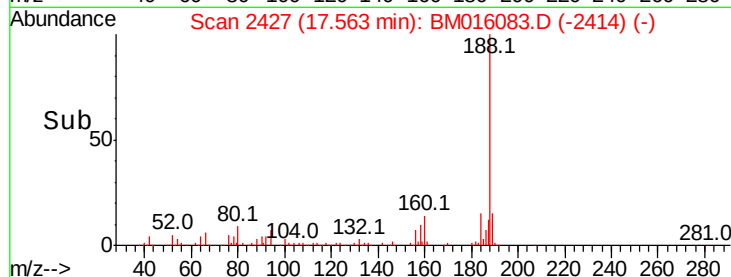
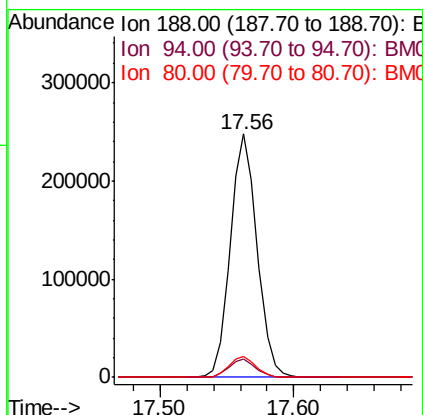
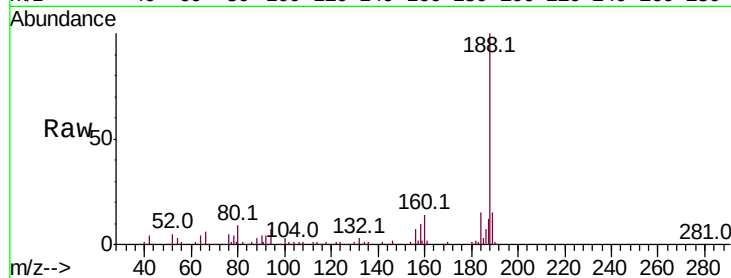




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.56 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

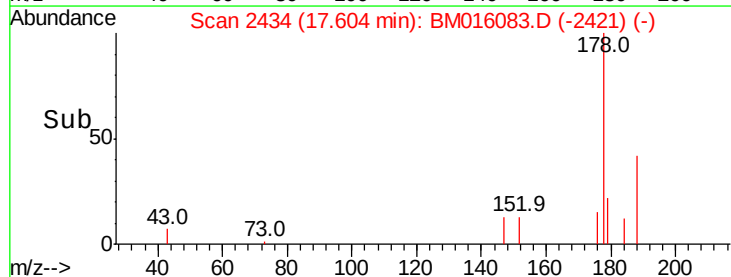
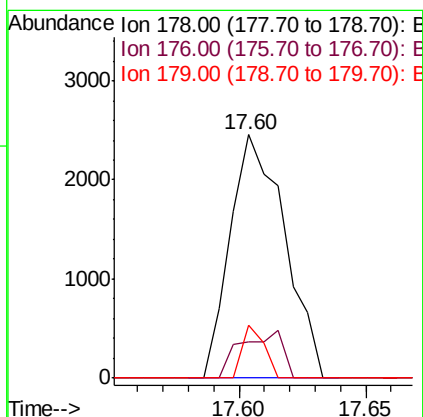
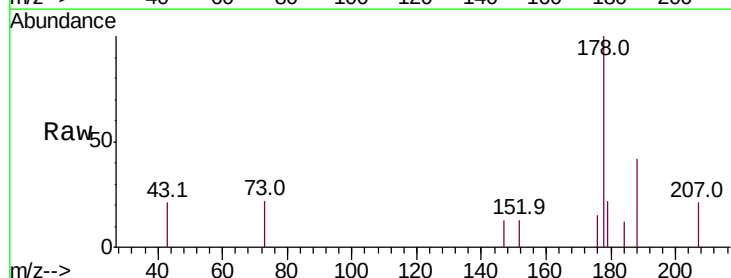
Instrument :
BNA_M
ClientSampleId :

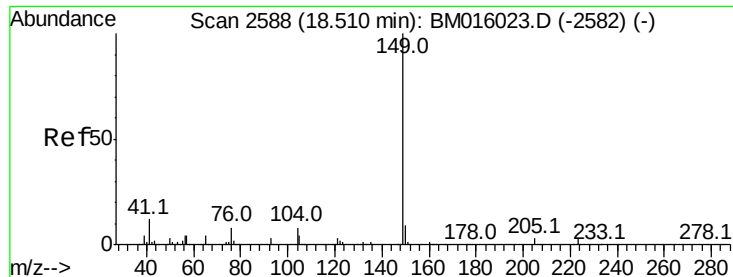
Tot Ion:188 Resp: 345466
Ion Ratio Lower Upper
188 100
94 7.5 8.7 13.1#
80 8.8 9.3 13.9#



#70
Phenanthrene
Concen: 0.190 ng
RT: 17.60 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:178 Resp: 3678
Ion Ratio Lower Upper
178 100
176 14.9 15.2 22.8#
179 21.5 12.1 18.1#

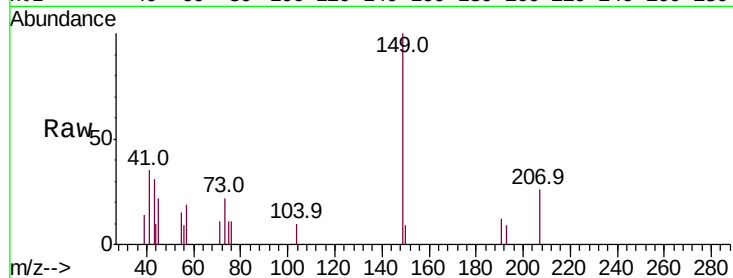




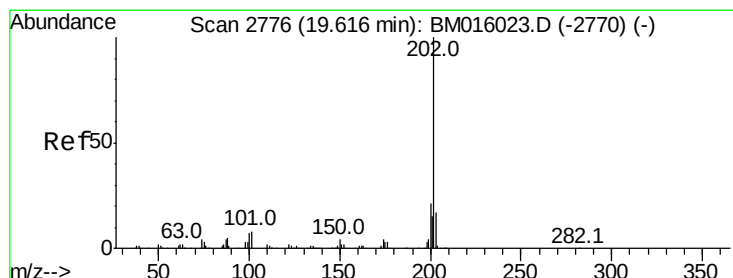
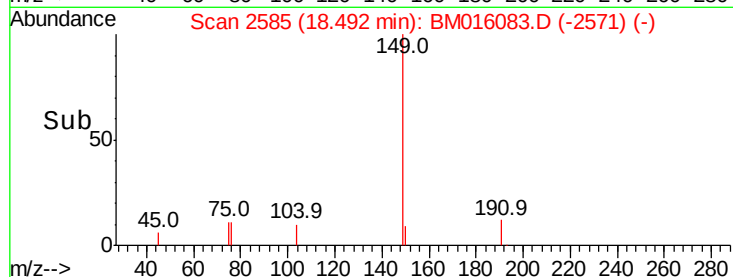
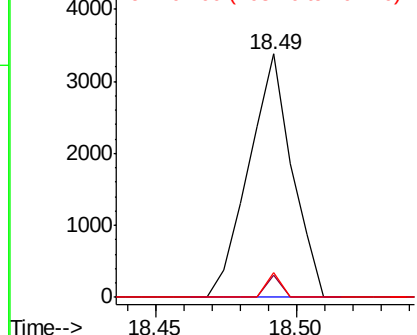
#73
Di-n-butylphthalate
Concen: 0.148 ng
RT: 18.49 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 3584
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 10.0 3.7 5.5#

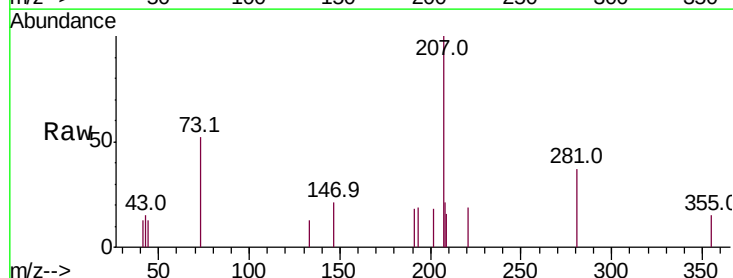


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

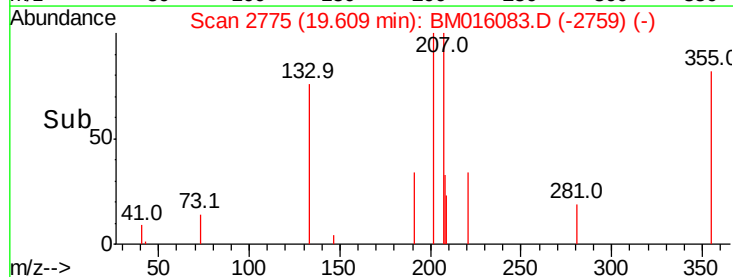
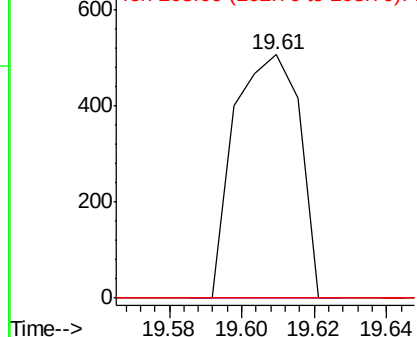


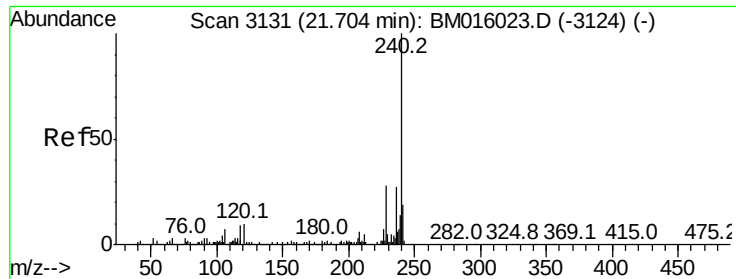
#74
Fluoranthene
Concen: 0.029 ng
RT: 19.61 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BM016083.D
Acq: 26 Jul 2018 21:48

Tgt Ion:202 Resp: 632
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: 21.68 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

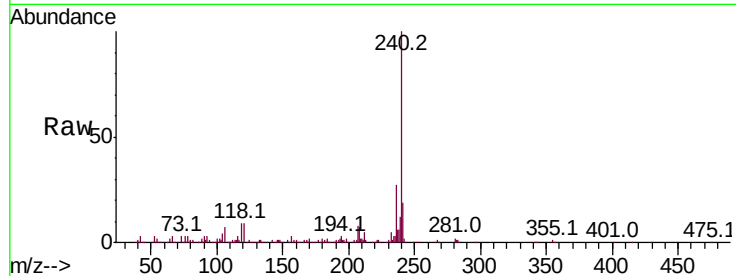
Tot Ion:240 Resp: 351328

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

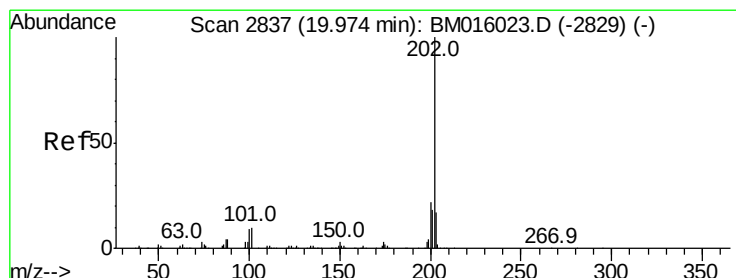
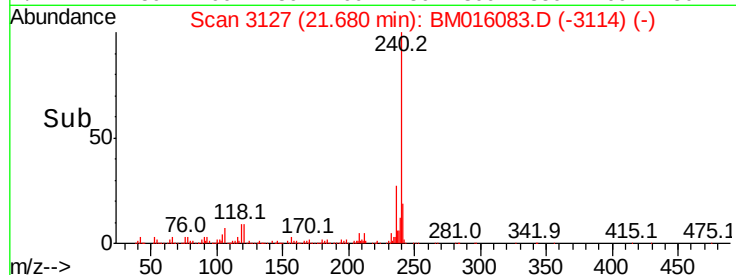
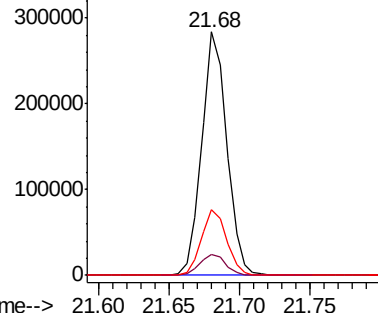
236 27.1 20.0 30.0



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: 0.024 ng

RT: 19.96 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

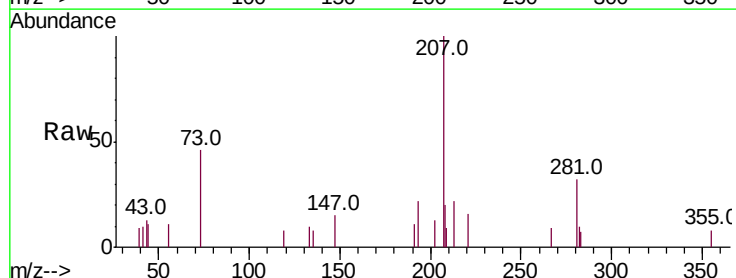
Tgt Ion:202 Resp: 506

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

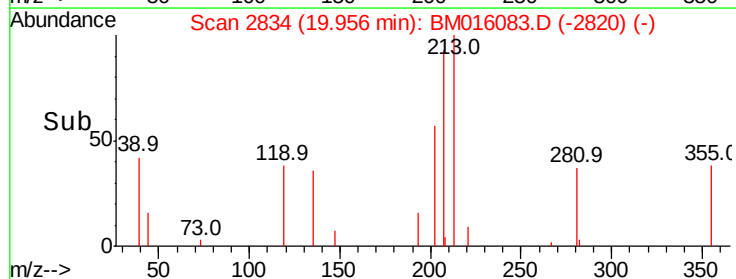
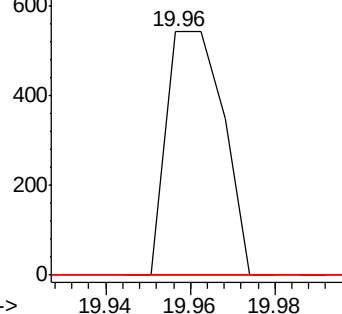
203 0.0 14.1 21.1#

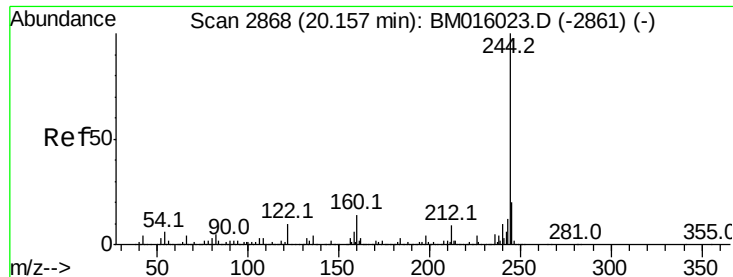


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.024 ng

RT: 20.14 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

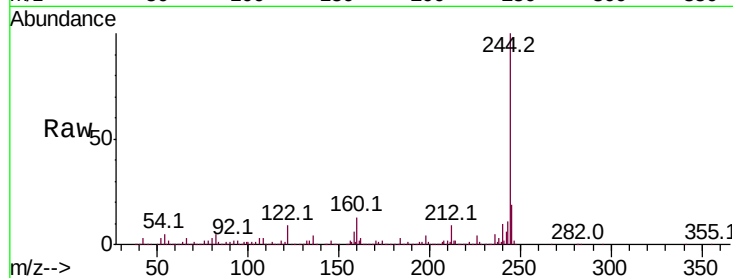
Tot Ion:244 Resp: 2161442

Ion Ratio Lower Upper

244 100

212 9.4 4.9 7.3#

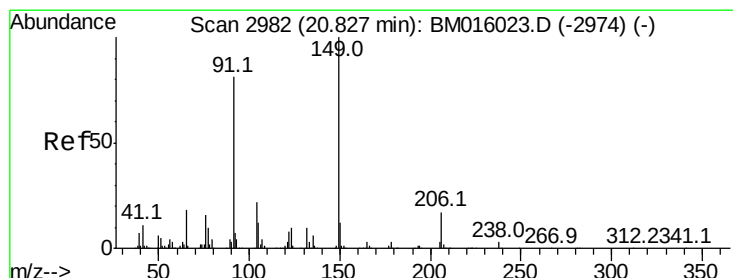
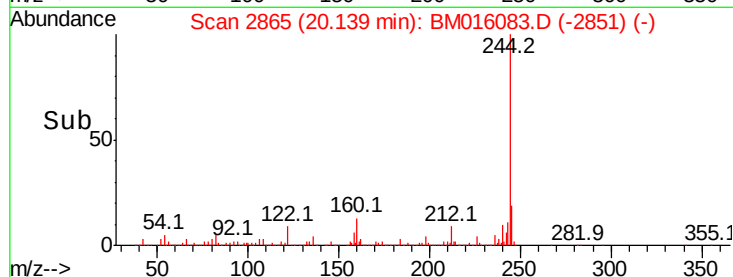
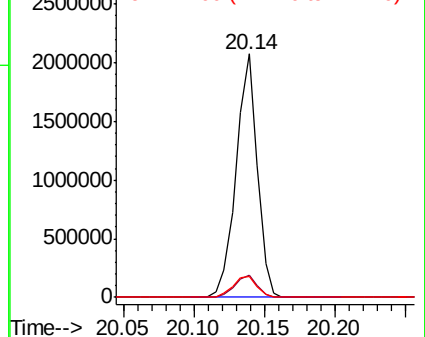
122 8.7 6.2 9.4



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: 0.073 ng

RT: 20.81 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

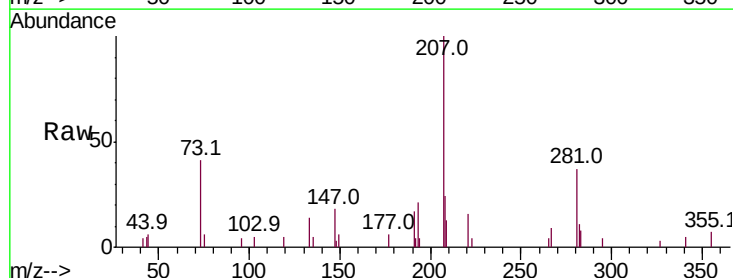
Tgt Ion:149 Resp: 783

Ion Ratio Lower Upper

149 100

91 0.0 50.1 75.1#

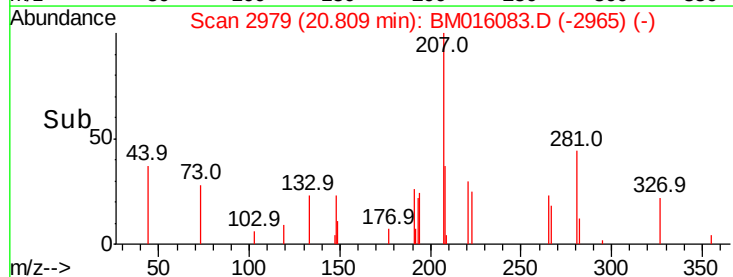
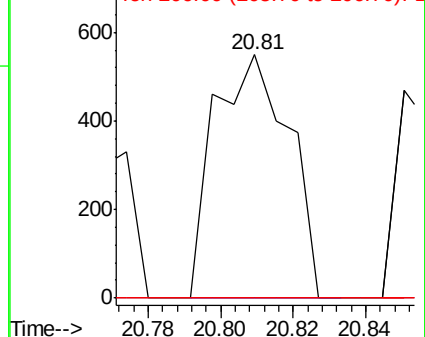
206 0.0 16.2 24.2#

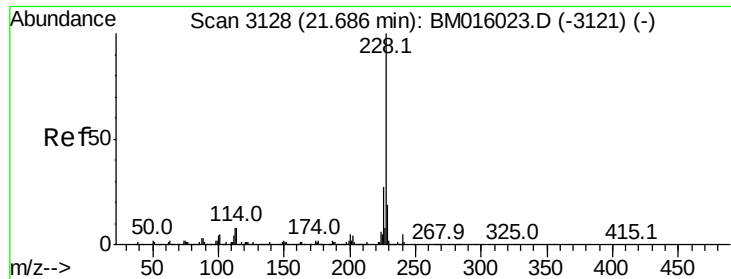


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.063 ng

RT: 21.68 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

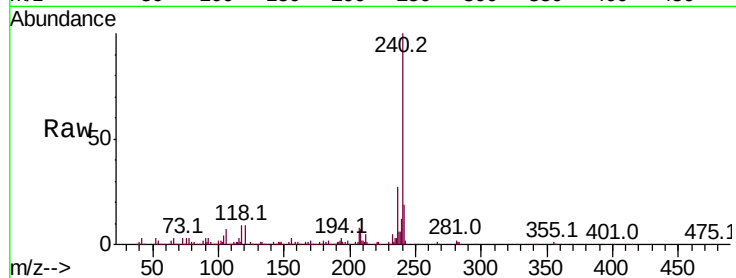
Tot Ion:228 Resp: 1373

Ion Ratio Lower Upper

228 100

226 0.0 21.7 32.5#

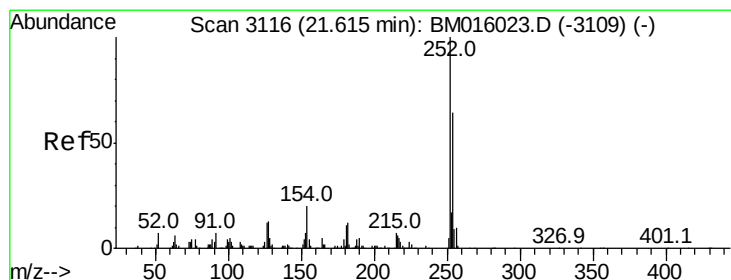
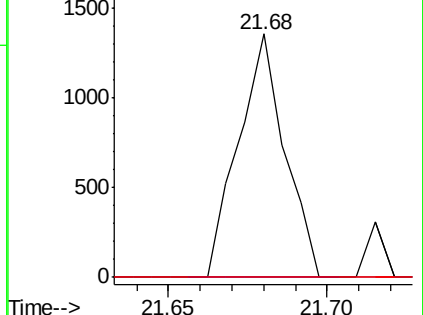
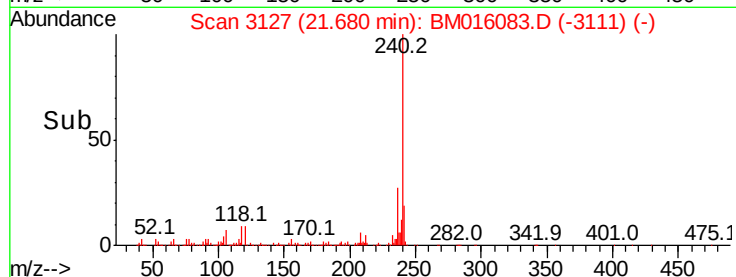
229 0.0 16.0 24.0#



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: 0.013 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.05 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

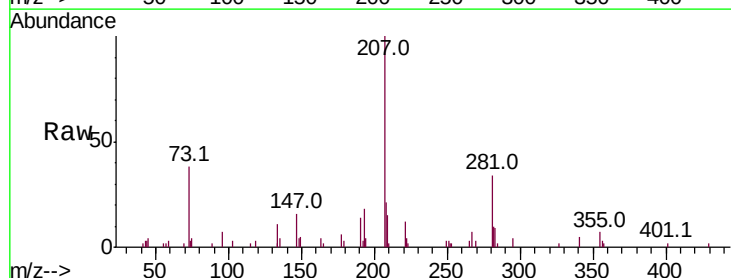
Tgt Ion:252 Resp: 112

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

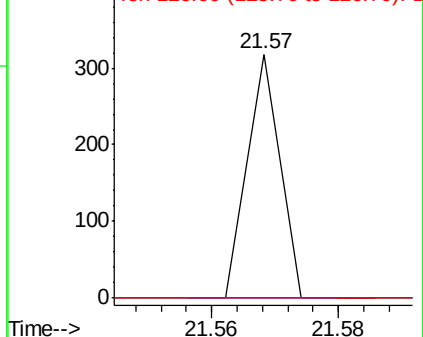
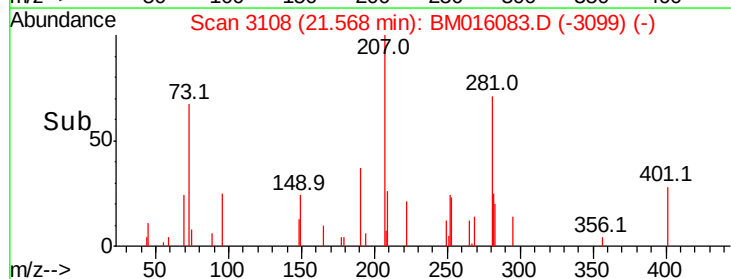
126 0.0 9.8 14.8#

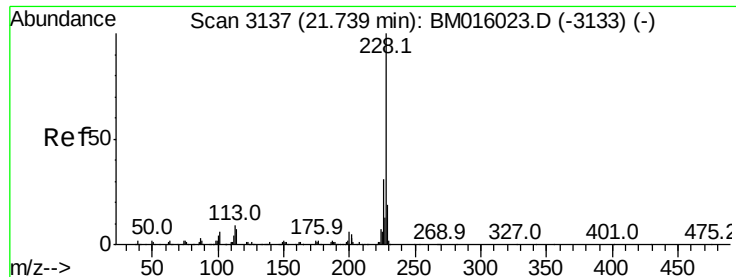


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.005 ng

RT: 21.72 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

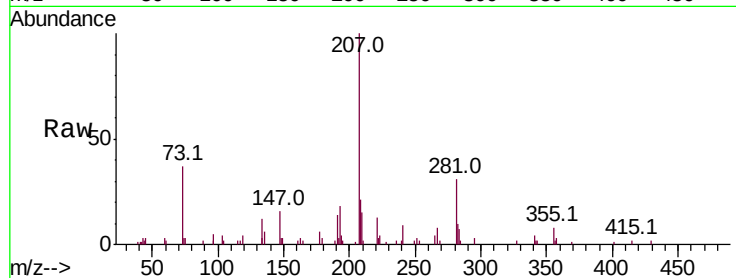
Tot Ion:228 Resp: 109

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

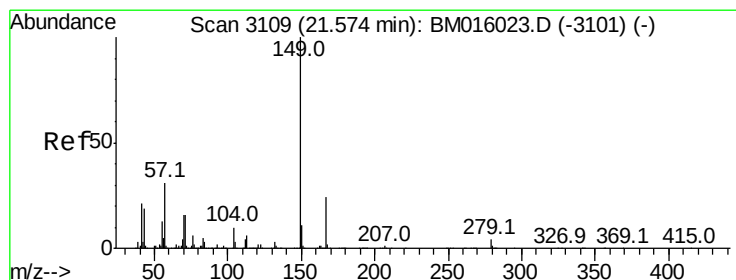
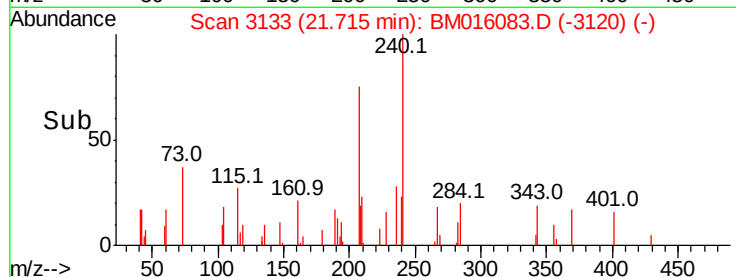
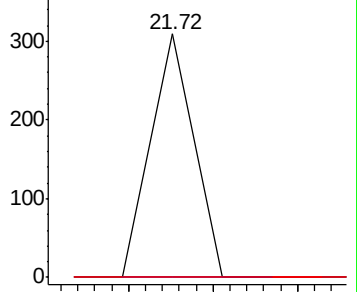
229 0.0 15.5 23.3#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 21.56 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

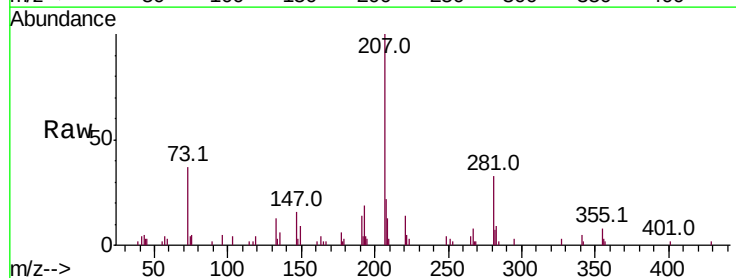
Tgt Ion:149 Resp: 1868

Ion Ratio Lower Upper

149 100

167 19.4 22.4 33.6#

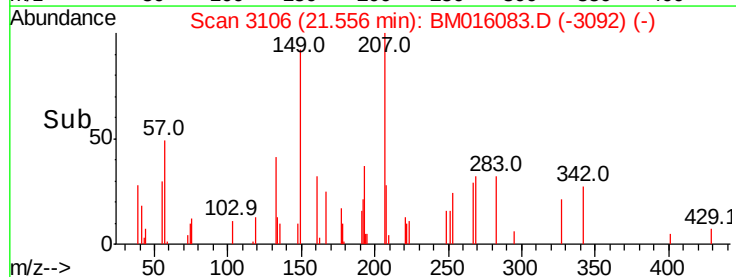
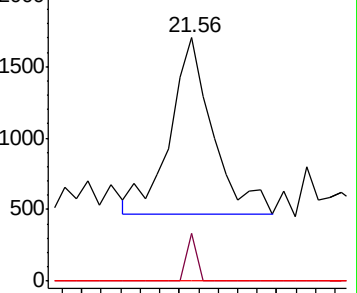
279 0.0 3.4 5.0#

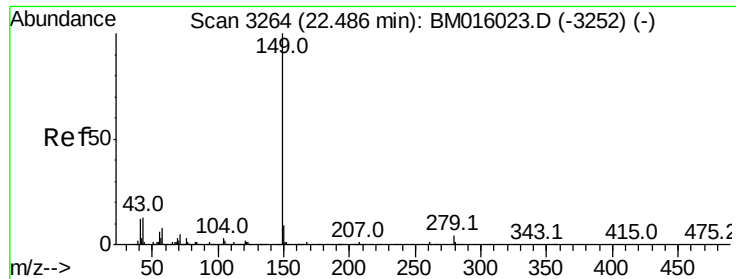


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 22.46 min Scan# 3259

Delta R.T. -0.03 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

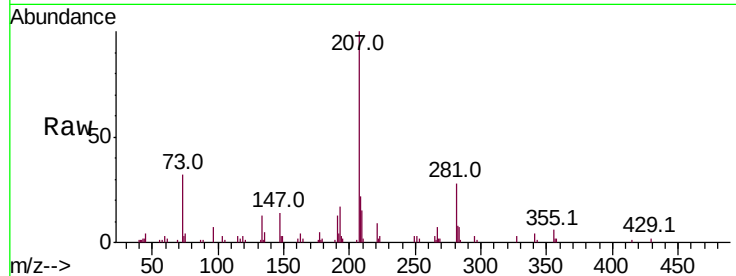
Tot Ion:149 Resp: 174

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

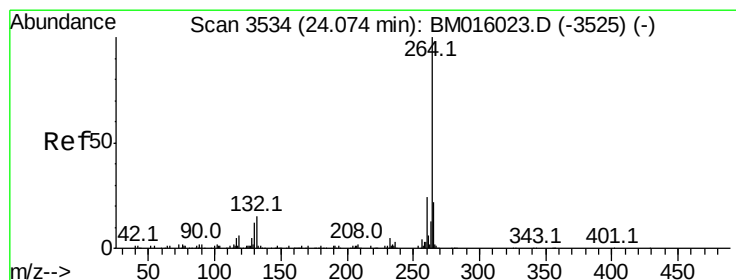
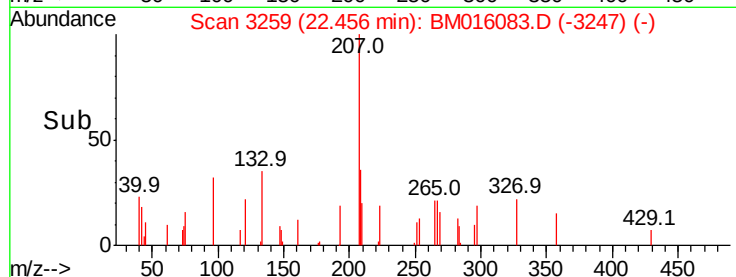
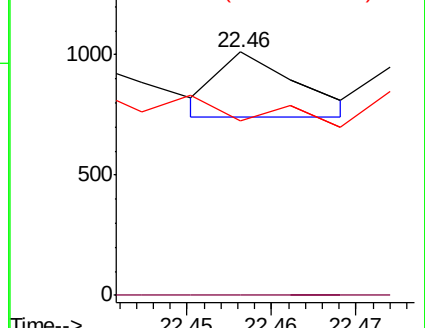
43 0.0 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.04 min Scan# 3529

Delta R.T. -0.03 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

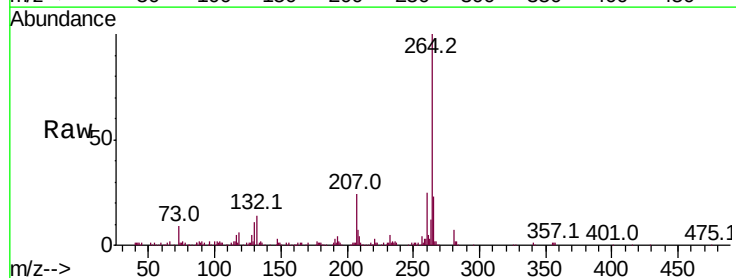
Tgt Ion:264 Resp: 294844

Ion Ratio Lower Upper

264 100

260 25.1 18.6 27.8

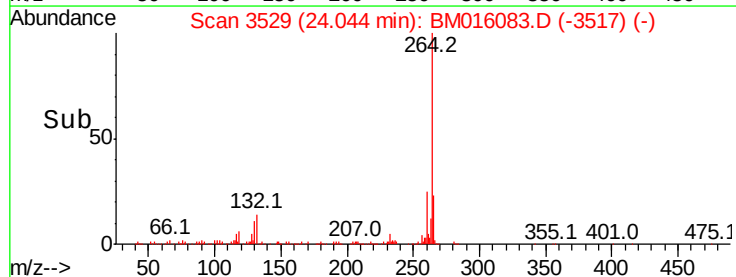
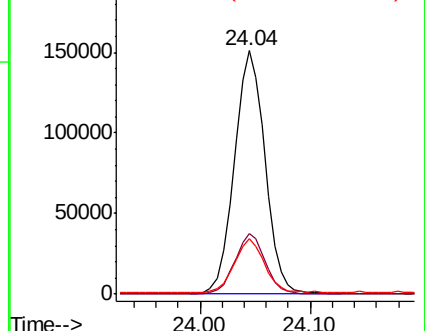
265 22.8 17.3 25.9

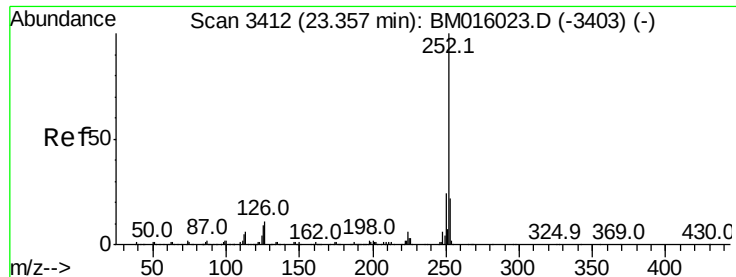


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.057 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampled :

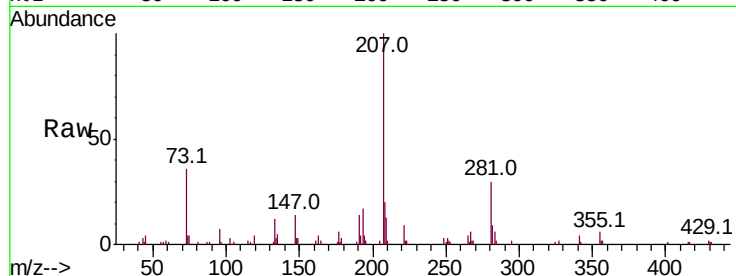
Tot Ion:252 Resp: 984

Ion Ratio Lower Upper

252 100

253 63.7 18.0 27.0#

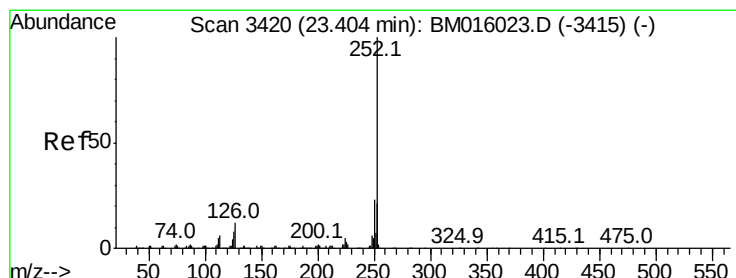
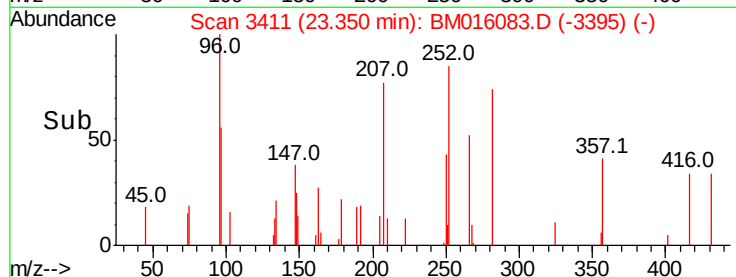
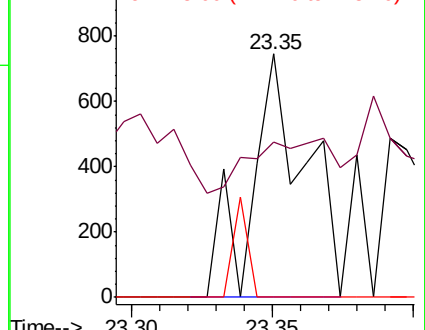
125 0.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.042 ng

RT: 23.39 min Scan# 3418

Delta R.T. -0.01 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

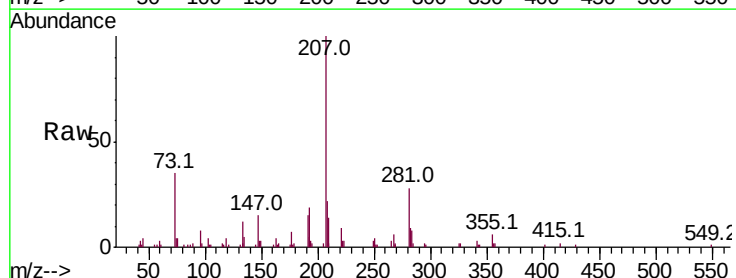
Tgt Ion:252 Resp: 743

Ion Ratio Lower Upper

252 100

253 99.8 17.2 25.8#

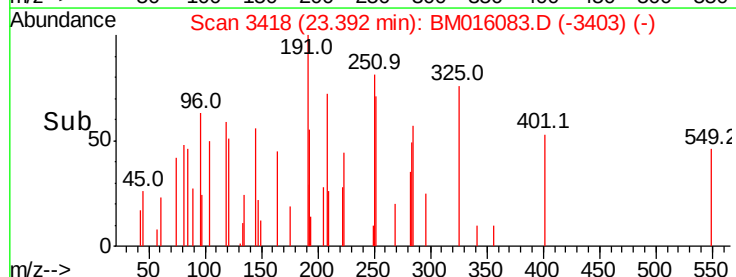
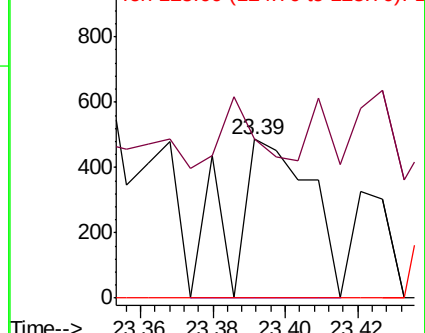
125 0.0 8.1 12.1#

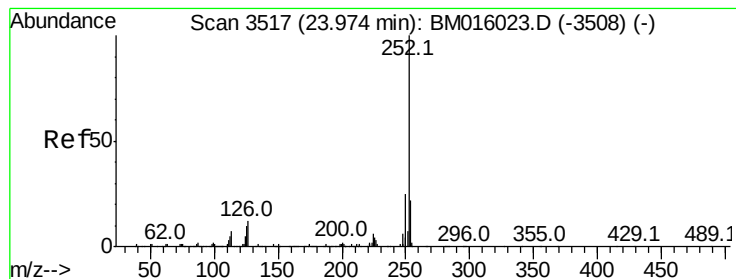


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.032 ng

RT: 23.96 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BM016083.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_M

ClientSampleId :

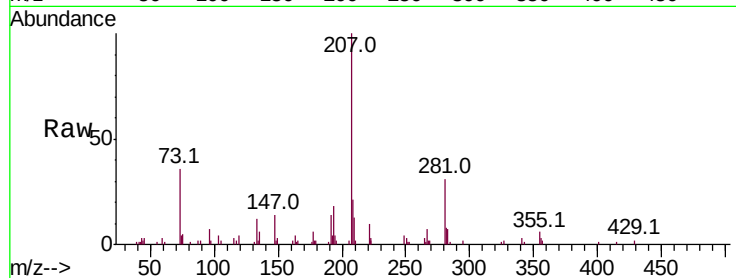
Tot Ion: 252 Resp: 527

Ion Ratio Lower Upper

252 100

253 96.0 17.6 26.4#

125 0.0 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

