

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014184.D
 Acq On : 08 Feb 2018 09:03
 Operator : SJ/JU
 Sample : PB105903BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 16:16:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	83321	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	321070	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	223233	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	534042	20.00	ng	0.00
75) Chrysene-d12	21.16	240	595623	20.00	ng	0.00
86) Perylene-d12	23.34	264	541832	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	282734	59.14	ng	0.00
7) Phenol-d6	6.73	99	392413	57.96	ng	0.00
23) Nitrobenzene-d5	8.70	82	297940	41.45	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	150534	47.52	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	741726	41.48	ng	0.00
78) Terphenyl-d14	19.60	244	1349826	44.28	ng	0.00

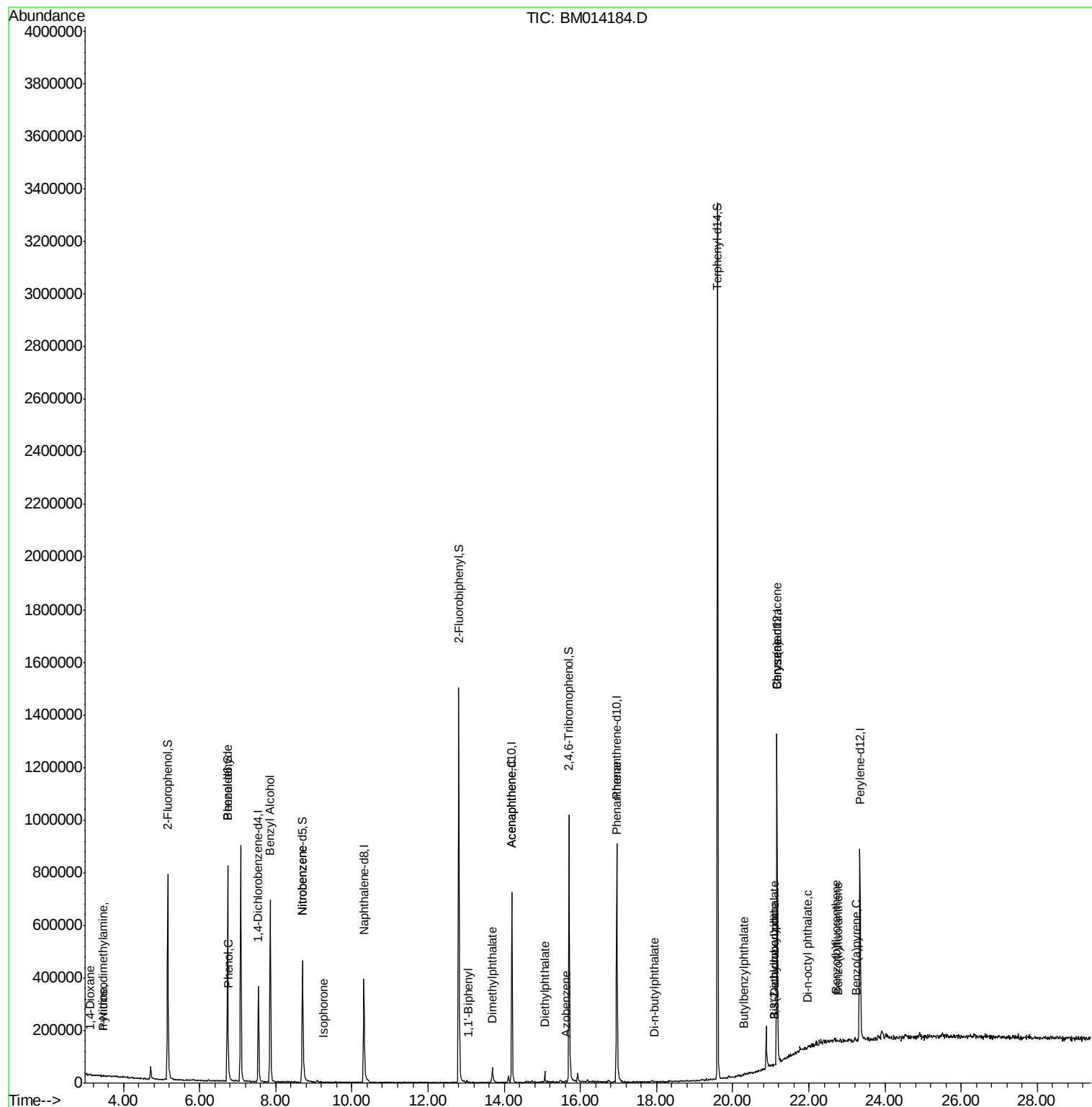
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	301	0.153	ng	# 100
3) Pyridine	3.45	79	143	0.026	ng	# 15
4) n-Nitrosodimethylamine	3.46	42	111	0.032	ng	# 1
9) Benzaldehyde	6.73	77	469	0.096	ng	# 2
10) Phenol	6.76	94	1406	0.210	ng	# 1
15) Benzyl Alcohol	7.85	79	6251	0.996	ng	# 48
24) Nitrobenzene	8.69	77	1747	0.236	ng	# 35
25) Isophorone	9.26	82	115	0.010	ng	# 62
45) 1,1'-Biphenyl	13.06	154	903	0.047	ng	# 42
49) Dimethylphthalate	13.69	163	42089	2.106	ng	# 93
51) Acenaphthene	14.19	154	750	0.051	ng	# 5
59) Diethylphthalate	15.07	149	461	0.021	ng	# 58
62) Azobenzene	15.60	77	116	0.005	ng	# 50
70) Phenanthrene	16.97	178	115	0.004	ng	# 60
73) Di-n-butylphthalate	17.94	149	696	0.018	ng	# 78
79) Butylbenzylphthalate	20.30	149	248	0.013	ng	# 28
80) Benzo(a)anthracene	21.16	228	1624	0.042	ng	# 55
81) 3,3'-Dichlorobenzidine	21.09	252	278	0.019	ng	# 26
82) Chrysene	21.16	228	1624	0.043	ng	# 51
83) Bis(2-ethylhexyl)phthalate	21.09	149	1476	0.054	ng	# 78
84) Di-n-octyl phthalate	21.96	149	1208	0.032	ng	# 37
87) Benzo(b)fluoranthene	22.71	252	231	0.006	ng	# 37
88) Benzo(k)fluoranthene	22.75	252	414	0.012	ng	# 1
89) Benzo(a)pyrene	23.26	252	888	0.027	ng	# 31

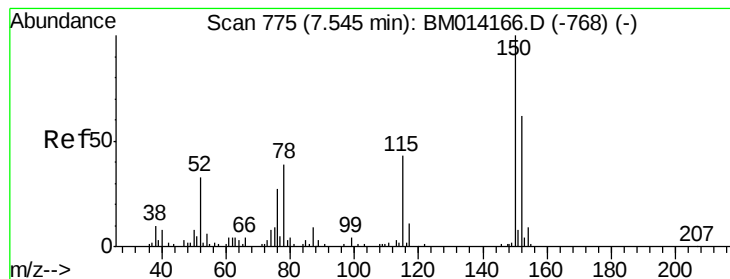
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.55 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

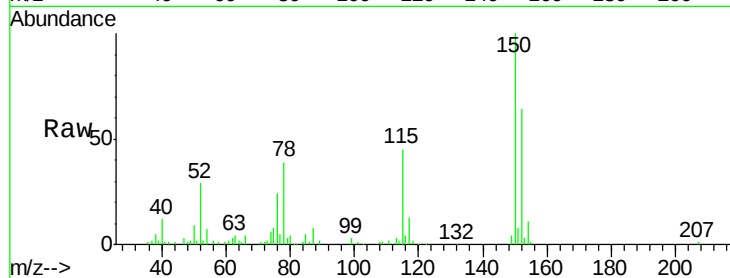
Tot Ion:152 Resp: 83321

Ion Ratio Lower Upper

152 100

150 157.0 119.5 179.3

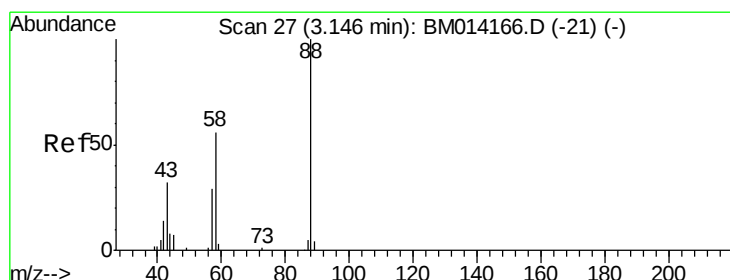
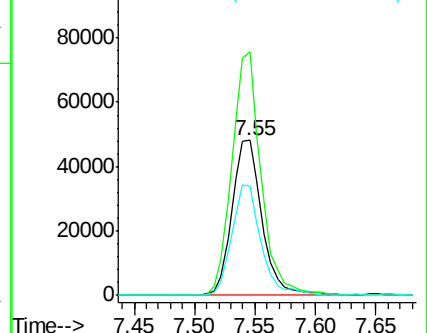
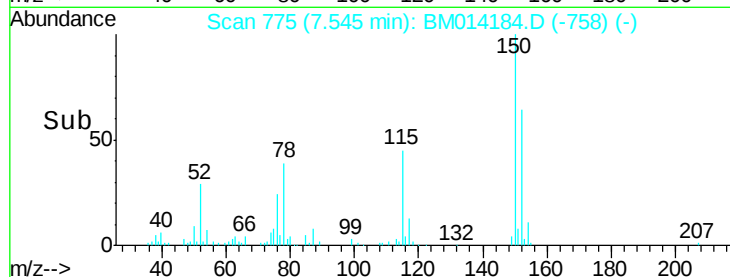
115 70.4 43.0 64.4#



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: 0.153 ng

RT: 3.13 min Scan# 24

Delta R.T. -0.02 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

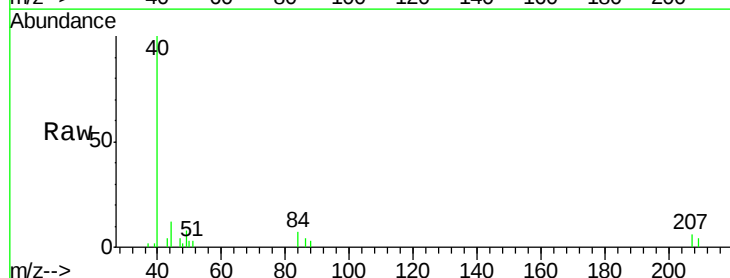
Tgt Ion: 88 Resp: 301

Ion Ratio Lower Upper

88 100

58 70.1 0.0 0.0#

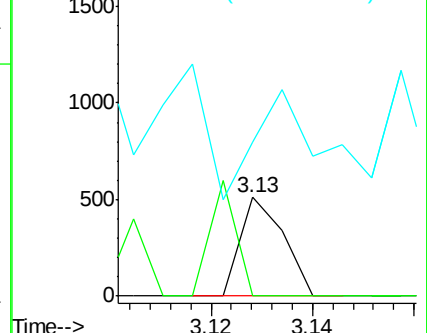
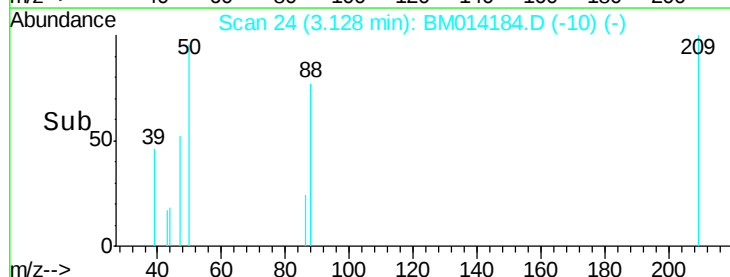
43 192.0 0.0 0.0#

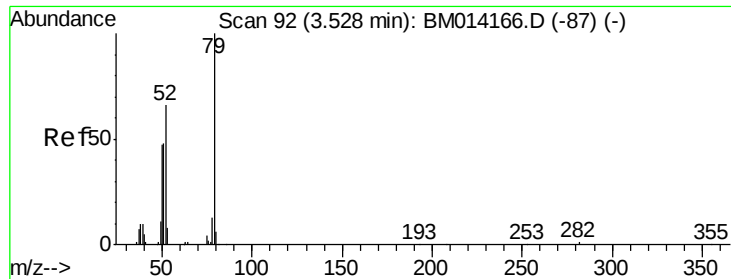


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.026 ng

RT: 3.45 min Scan# 79

Delta R.T. -0.08 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampled :

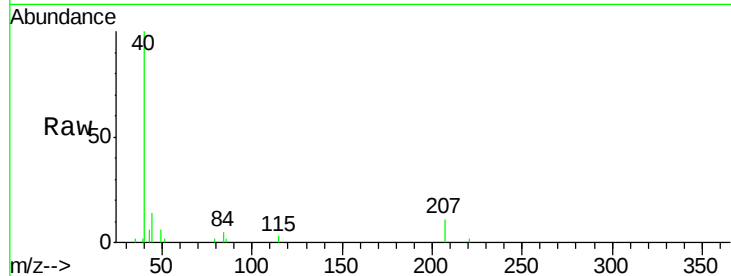
Tot Ion: 79 Resp: 143

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

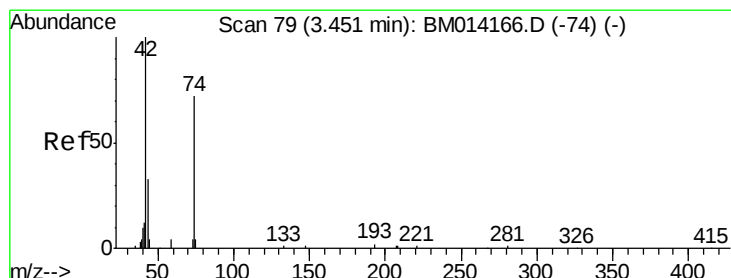
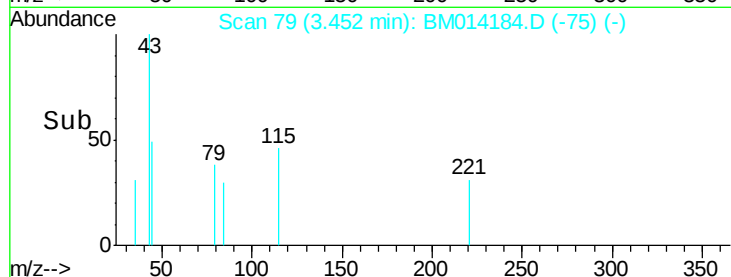
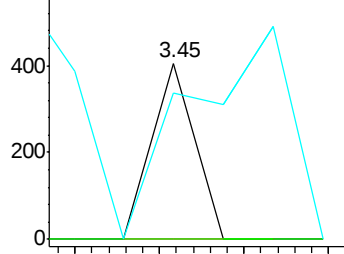
51 83.3 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BM014166.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BM014166.D (-87) (-)



#4

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.46 min Scan# 80

Delta R.T. 0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

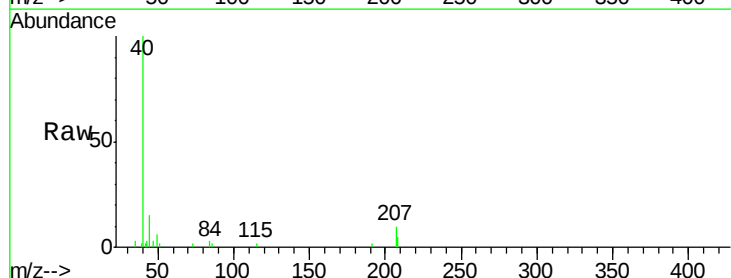
Tgt Ion: 42 Resp: 111

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

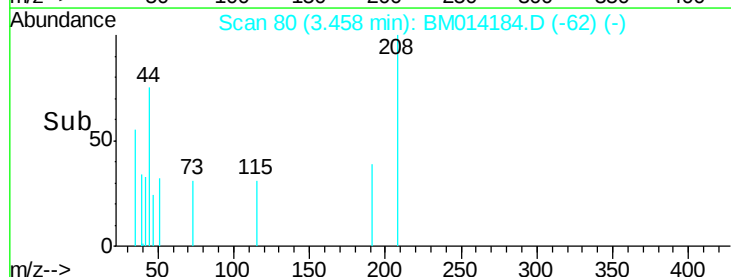
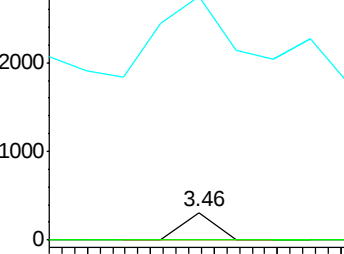
44 874.5 5.4 8.2#

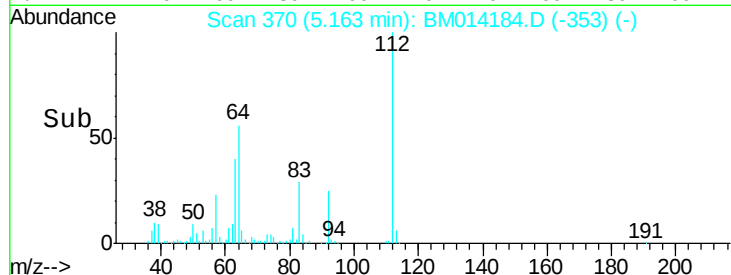
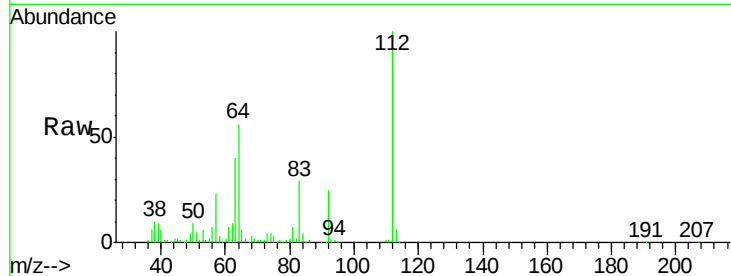
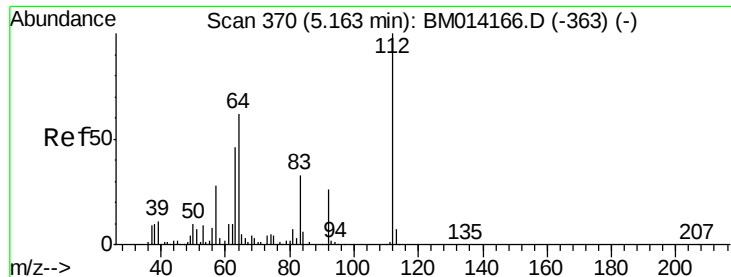


Abundance Ion 42.00 (41.70 to 42.70): BM014166.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM014166.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM014166.D (-74) (-)

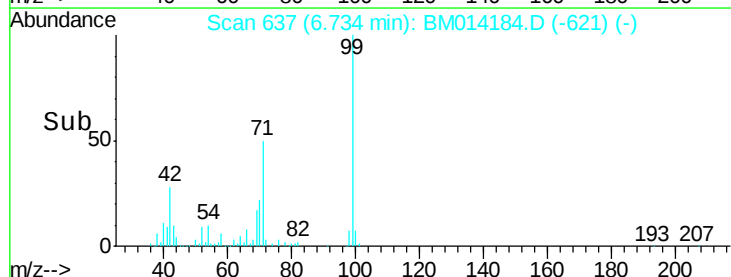
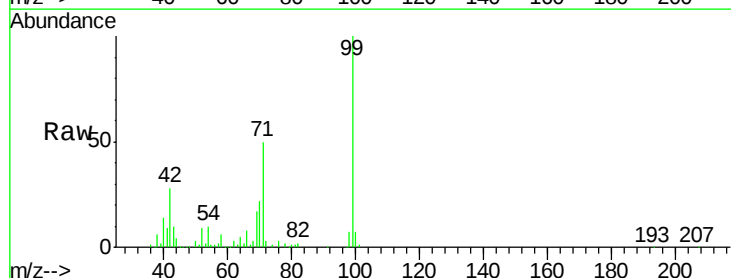
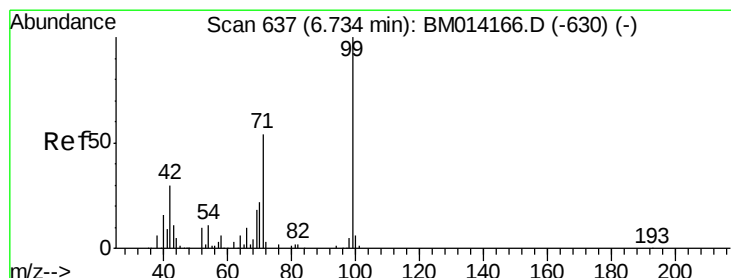
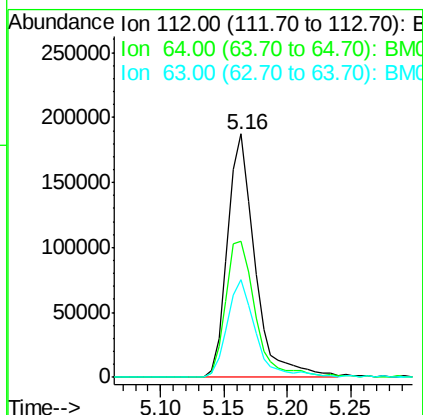




#5
2-Fluorophenol
Concen: 59.145 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

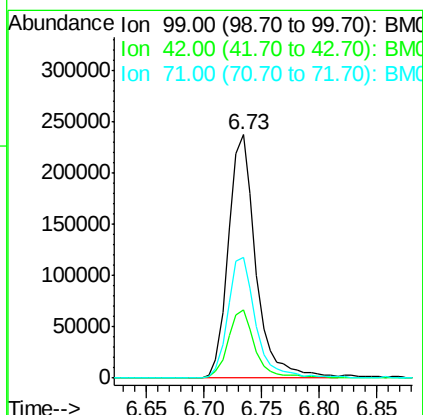
Instrument :
BNA_M
ClientSampleId :

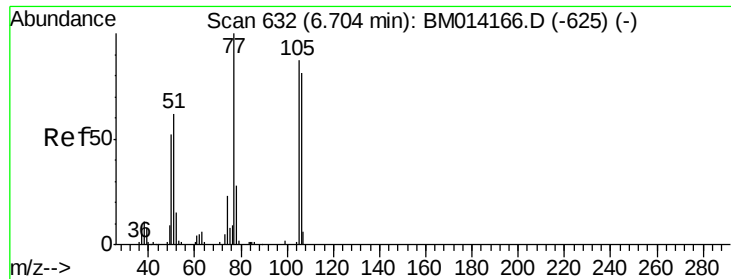
Tot Ion	Ratio	Lower	Upper
112	100		
64	56.0	38.6	57.8
63	40.2	19.3	28.9



#7
Phenol-d6
Concen: 57.961 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Tgt Ion	Ratio	Lower	Upper
99	100		
42	27.9	11.0	16.4
71	49.6	23.4	35.2





#9

Benzaldehyde

Concen: 0.096 ng

RT: 6.73 min Scan# 636

Delta R.T. 0.02 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

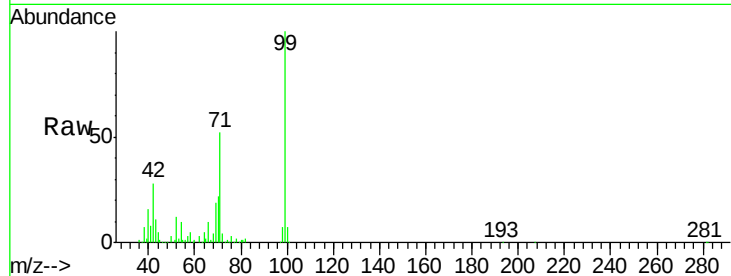
Tot Ion: 77 Resp: 469

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

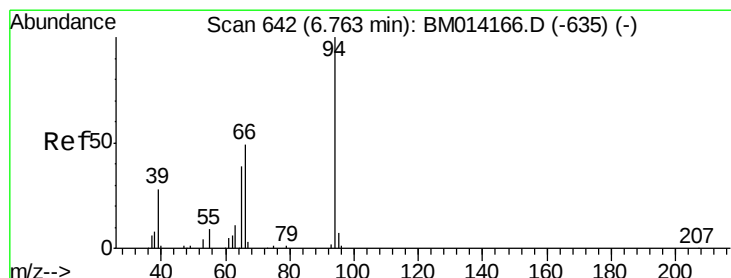
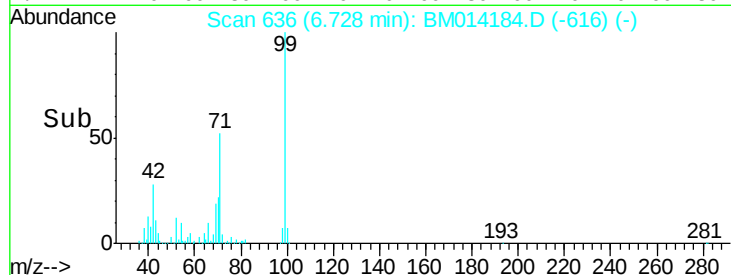
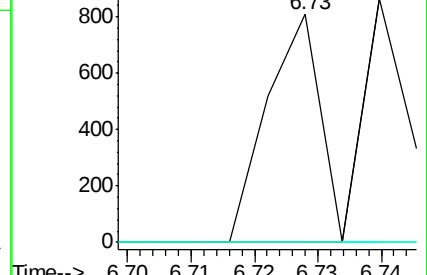
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM014184.D (-616) (-)

Ion 105.00 (104.70 to 105.70): BM014184.D (-616) (-)

Ion 106.00 (105.70 to 106.70): BM014184.D (-616) (-)



#10

Phenol

Concen: 0.210 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

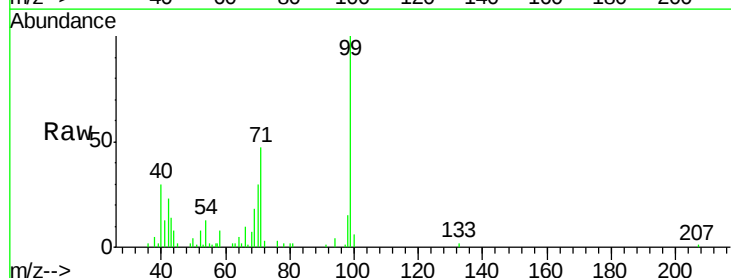
Tgt Ion: 94 Resp: 1406

Ion Ratio Lower Upper

94 100

65 57.4 18.8 58.8

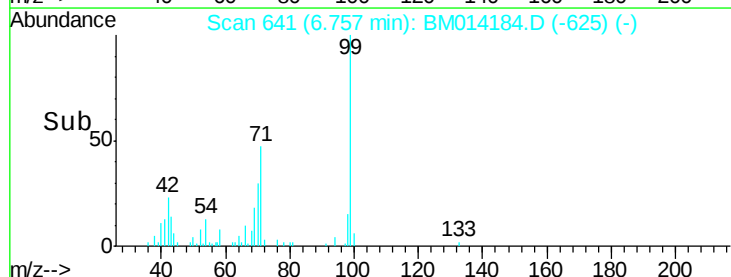
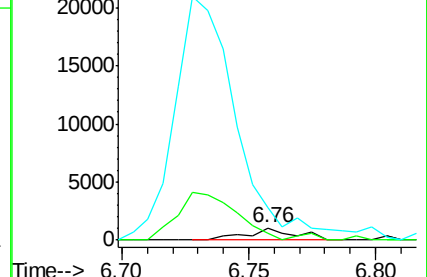
66 260.2 39.9 79.9#

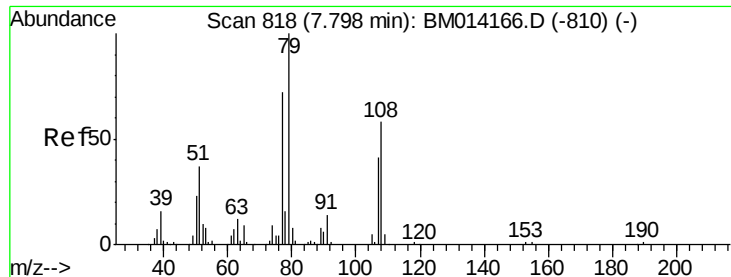


Abundance Ion 94.00 (93.70 to 94.70): BM014184.D (-625) (-)

Ion 65.00 (64.70 to 65.70): BM014184.D (-625) (-)

Ion 66.00 (65.70 to 66.70): BM014184.D (-625) (-)





#15

Benzyl Alcohol

Concen: 0.996 ng

RT: 7.85 min Scan# 827

Delta R.T. 0.05 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

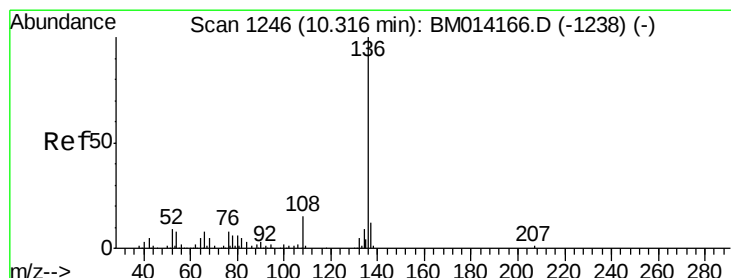
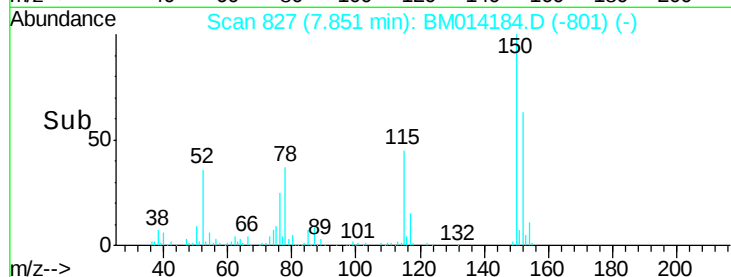
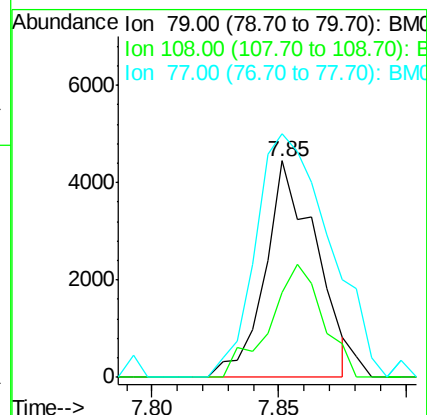
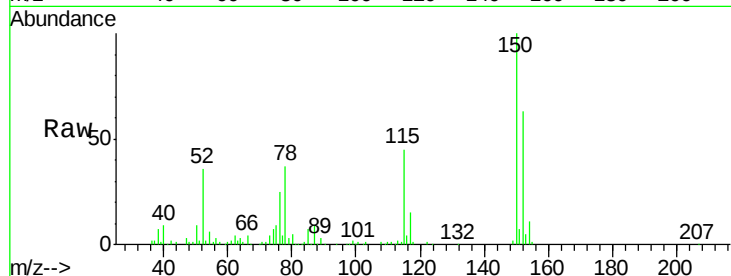
Tot Ion: 79 Resp: 6251

Ion Ratio Lower Upper

79 100

108 38.9 65.0 97.4#

77 112.4 53.0 79.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Tgt Ion: 136 Resp: 321070

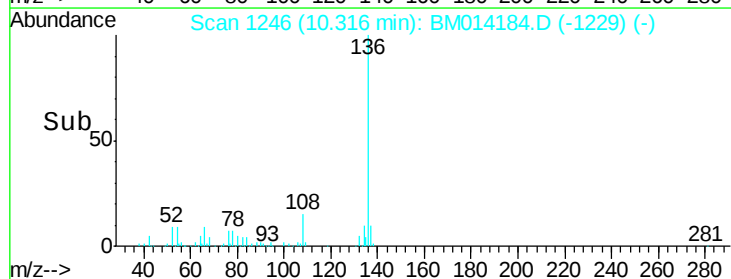
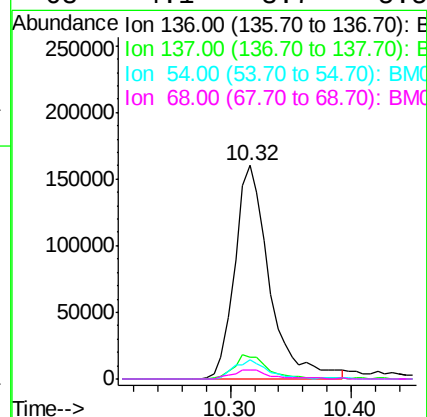
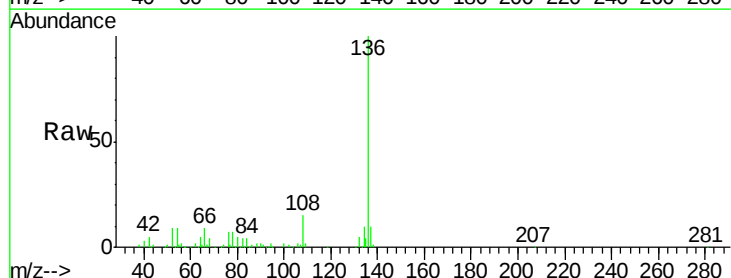
Ion Ratio Lower Upper

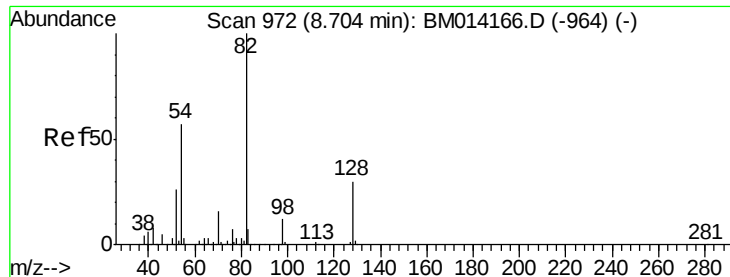
136 100

137 10.4 8.7 13.1

54 8.9 4.6 6.8#

68 4.1 3.7 5.5

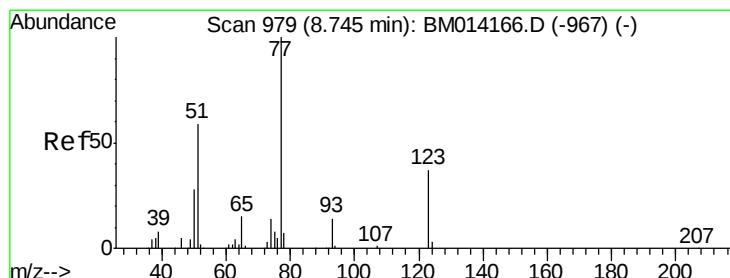
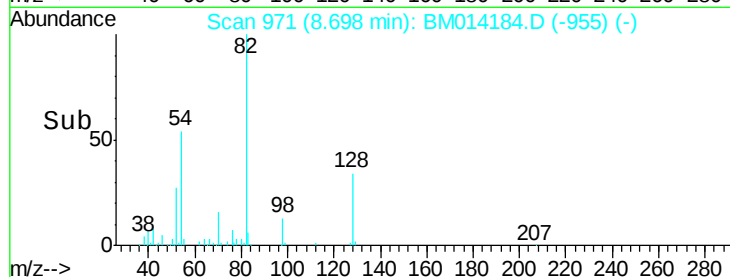
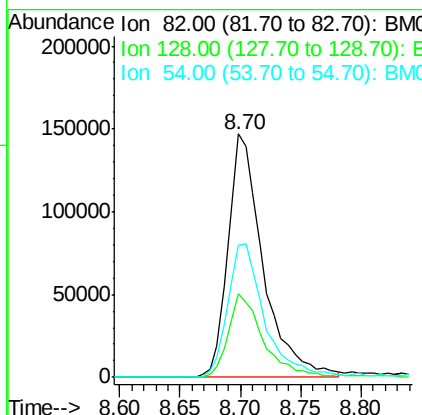
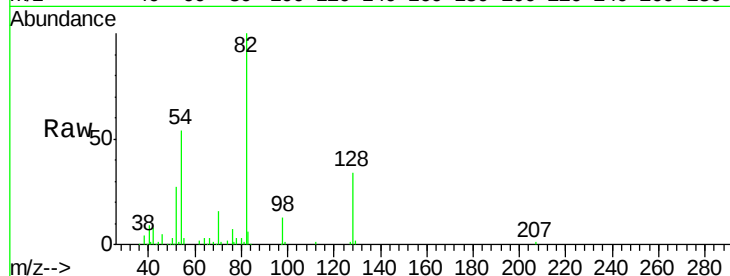




#23
 Nitrobenzene-d5
 Concen: 41.450 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

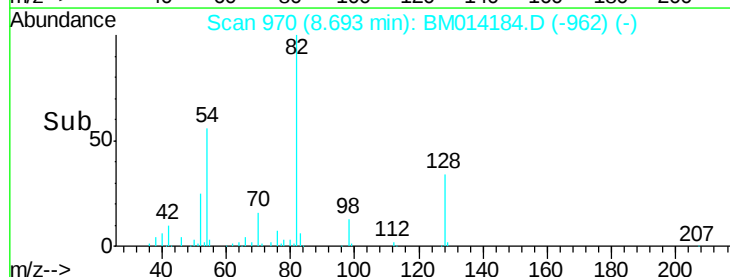
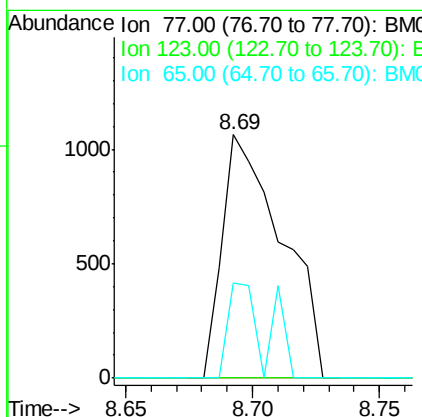
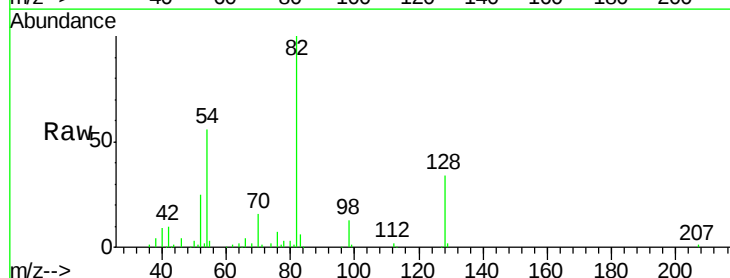
Instrument :
 BNA_M
 ClientSampleId :

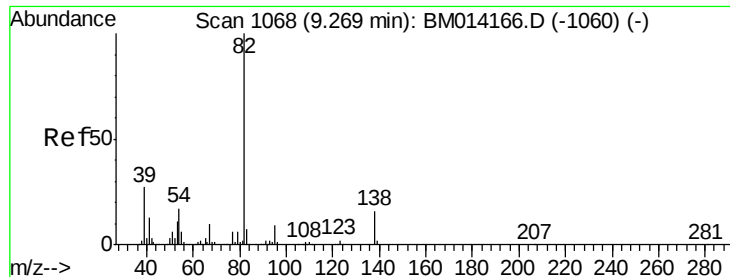
Tot Ion	82	Resp	297940
Ion	Ratio	Lower	Upper
82	100		
128	34.4	32.8	49.2
54	54.4	40.6	60.8



#24
 Nitrobenzene
 Concen: 0.236 ng
 RT: 8.69 min Scan# 970
 Delta R.T. -0.05 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Tgt Ion	77	Resp	1747
Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	38.9	10.9	16.3#





#25

Isophorone

Concen: 0.010 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

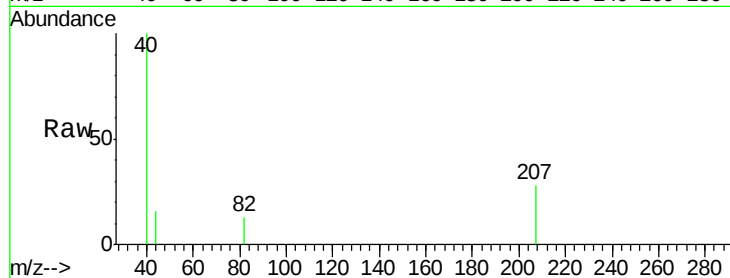
Tot Ion: 82 Resp: 115

Ion Ratio Lower Upper

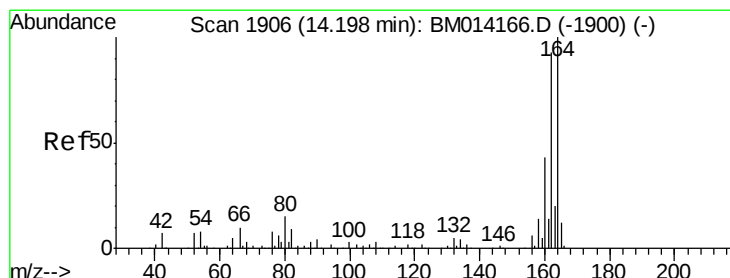
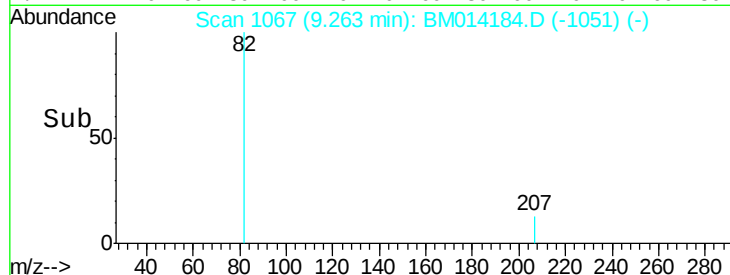
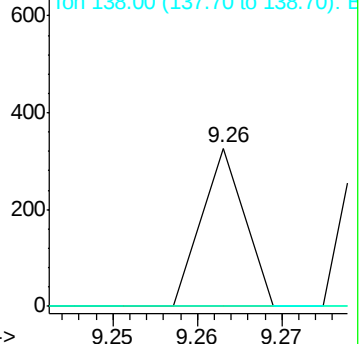
82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM014184.D (-1051) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

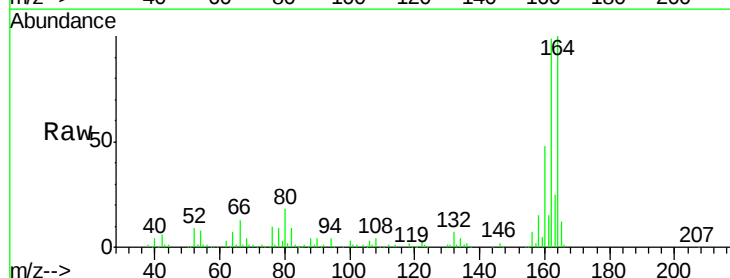
Tgt Ion: 164 Resp: 223233

Ion Ratio Lower Upper

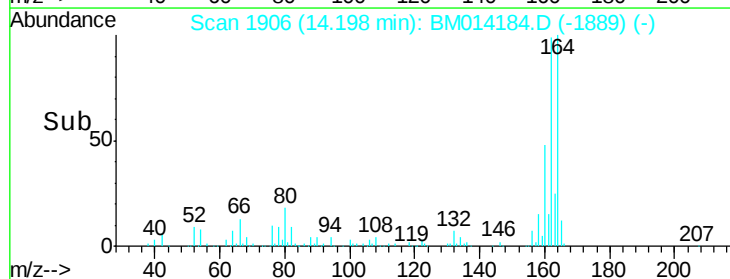
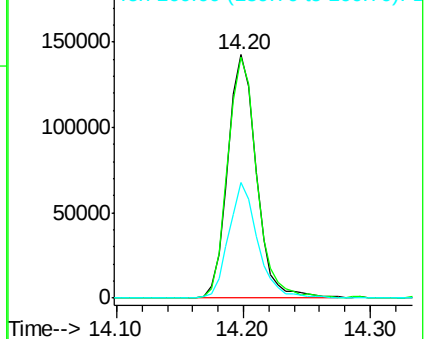
164 100

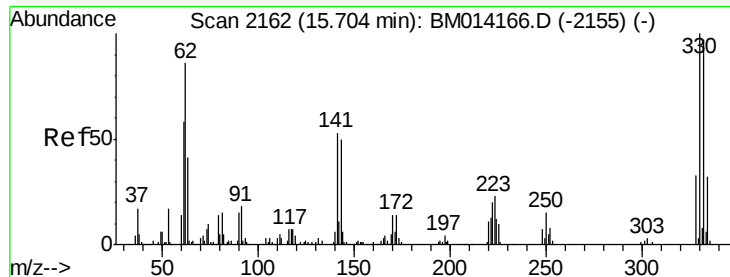
162 99.1 82.4 123.6

160 47.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM014184.D (-1889) (-)

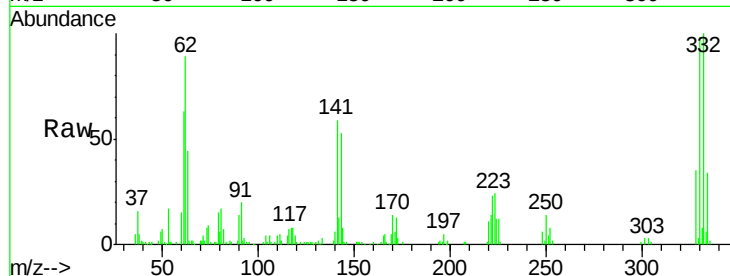




#41
 2,4,6-Tribromophenol
 Concen: 47.523 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	58.2	0.0	0.0#

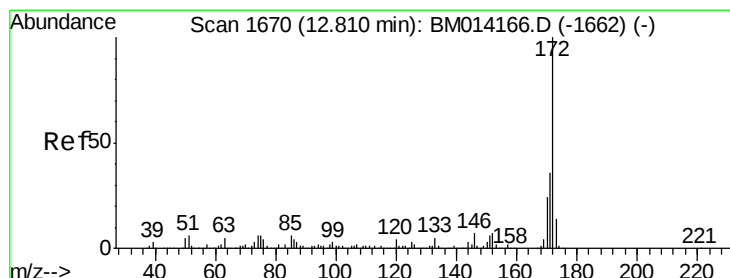
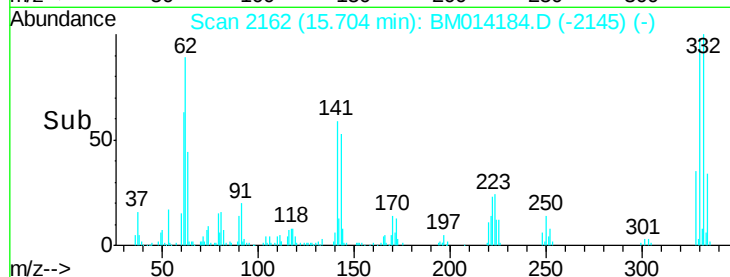
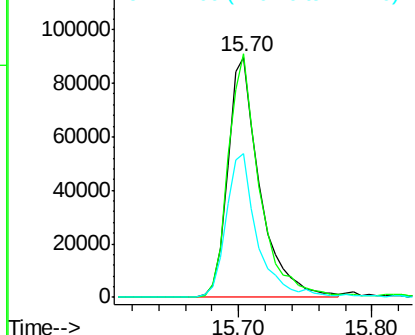


Abundance

Ion 329.80 (329.50 to 330.50): E

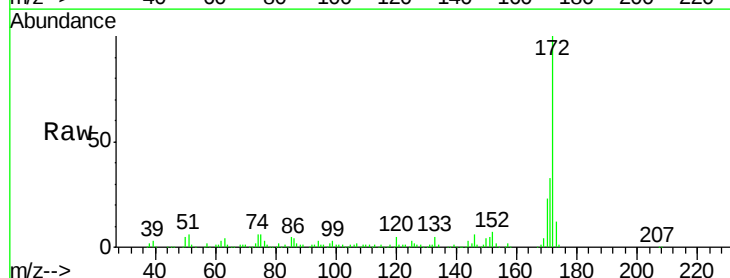
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 41.477 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.5	42.7
170	22.5	18.8	28.2

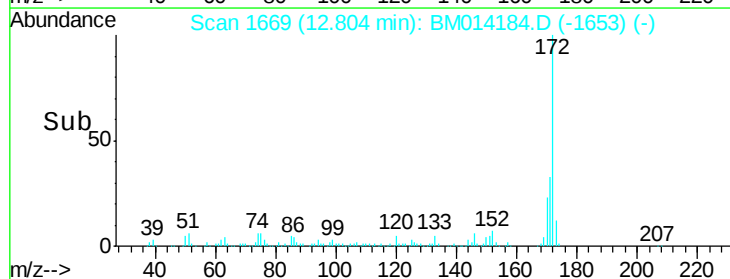
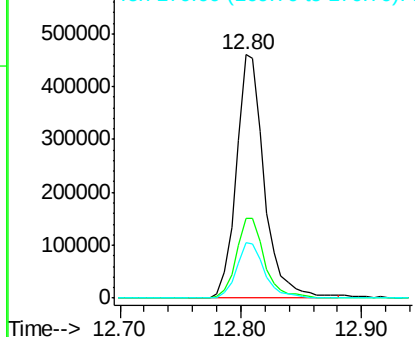


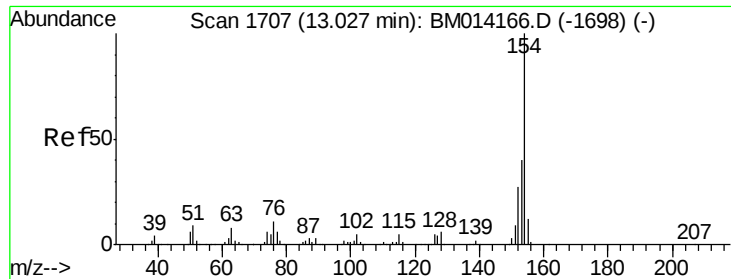
Abundance

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

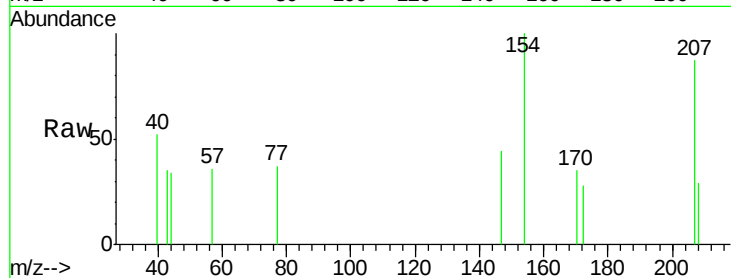




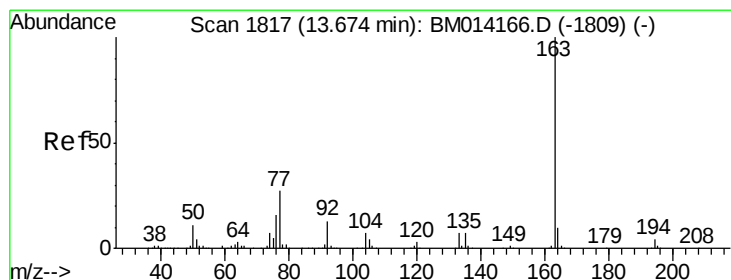
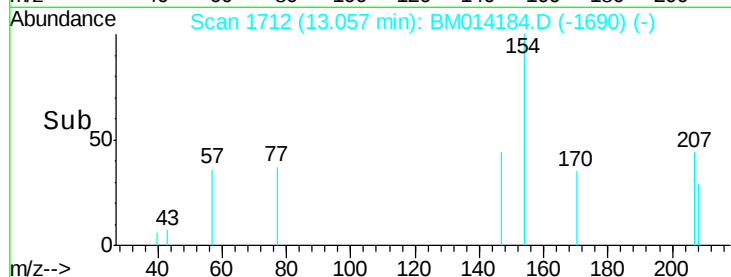
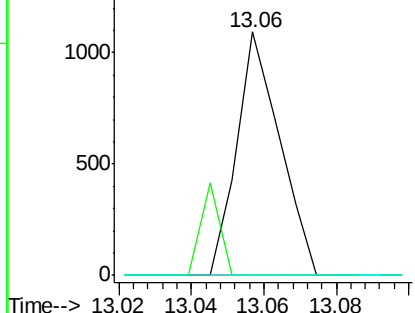
#45
1,1'-Biphenyl
Concen: 0.047 ng
RT: 13.06 min Scan# 1712
Delta R.T. 0.03 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Instrument :
BNA_M
ClientSampled :

Tot Ion:154 Resp: 903
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 0.0 0.0 30.9

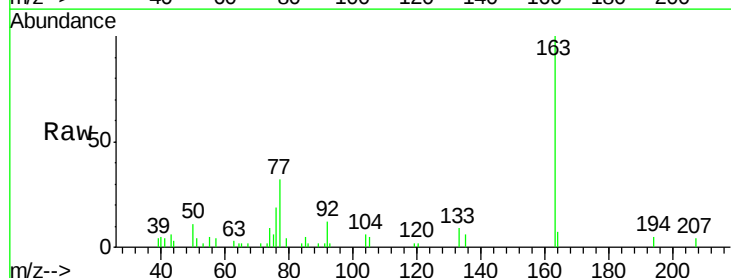


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

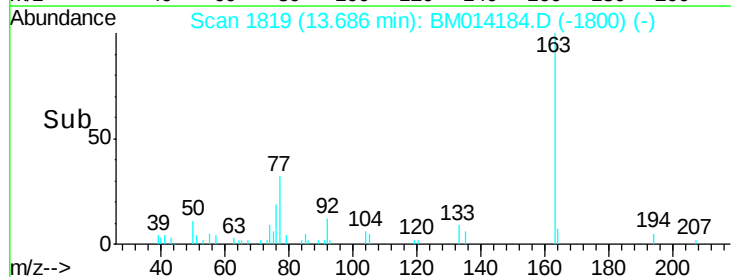
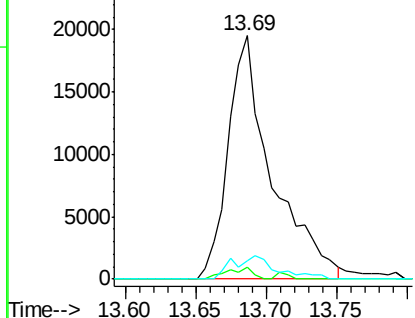


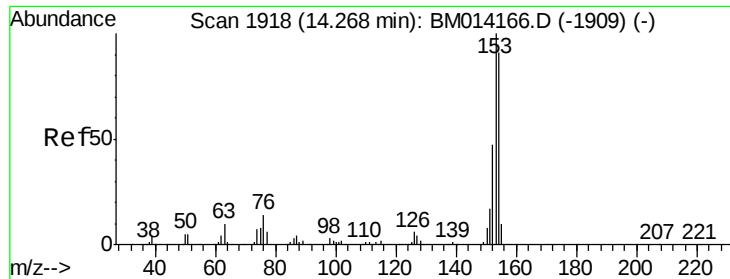
#49
Dimethylphthalate
Concen: 2.106 ng
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Tgt Ion:163 Resp: 42089
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 7.4 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: 0.051 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.08 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

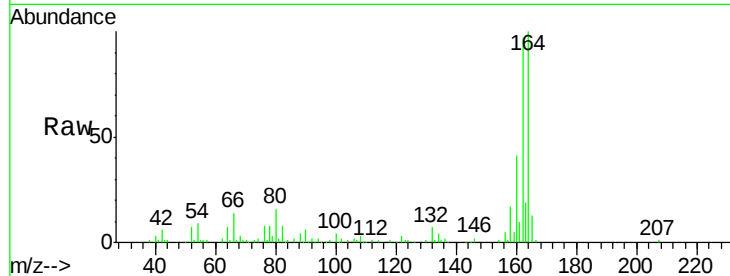
Tot Ion:154 Resp: 750

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

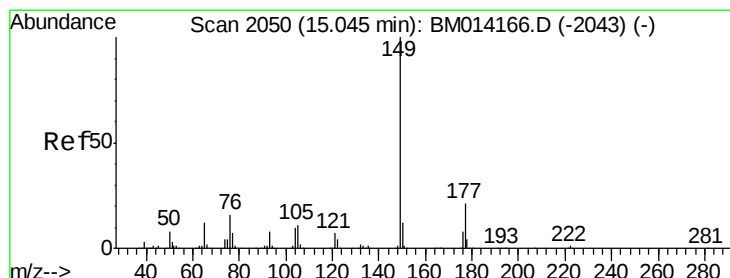
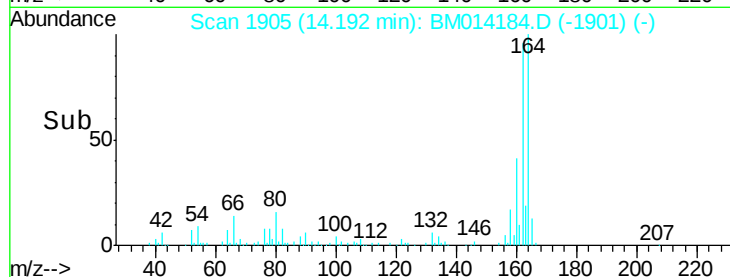
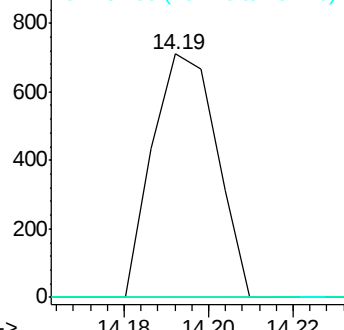
152 0.0 42.6 63.8#



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: 0.021 ng

RT: 15.07 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

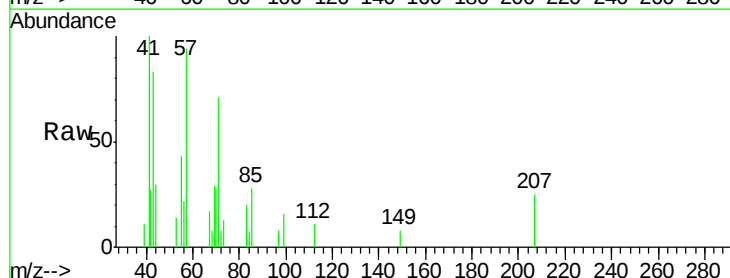
Tgt Ion:149 Resp: 461

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

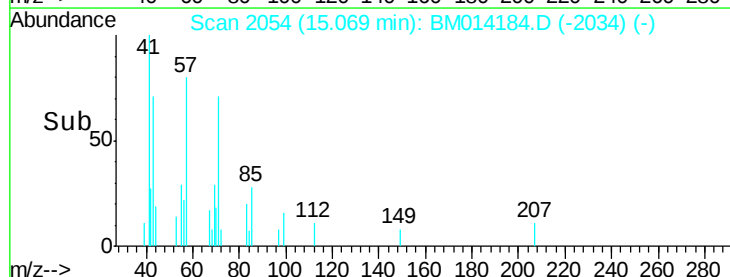
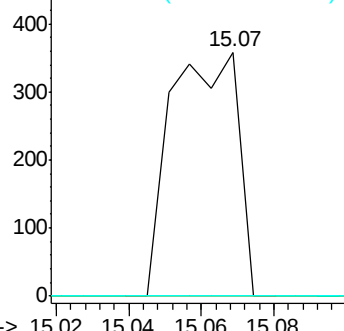
150 0.0 9.8 14.8#

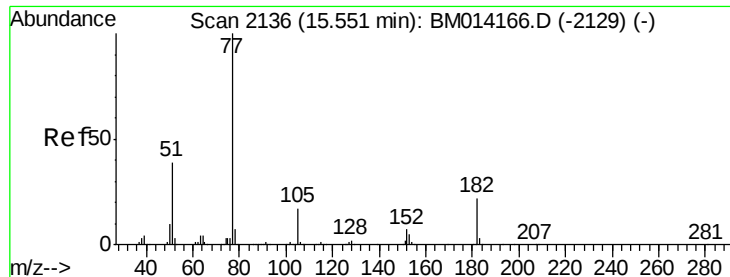


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.005 ng

RT: 15.60 min Scan# 2145

Delta R.T. 0.05 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 116

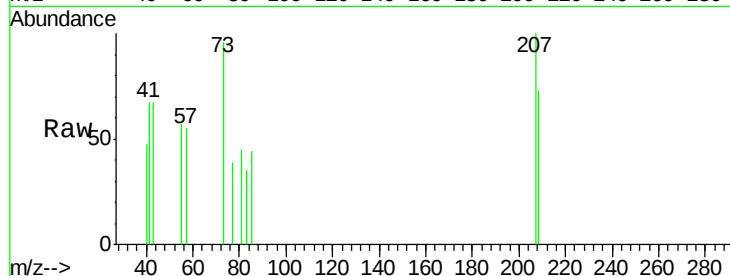
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#



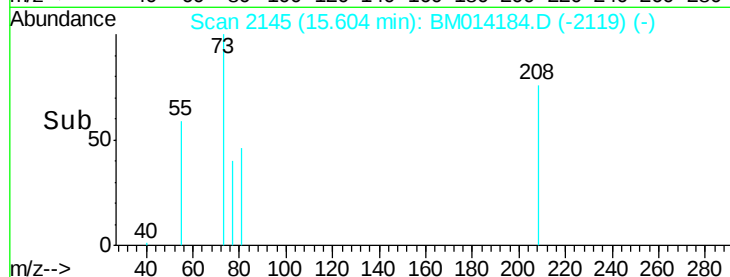
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

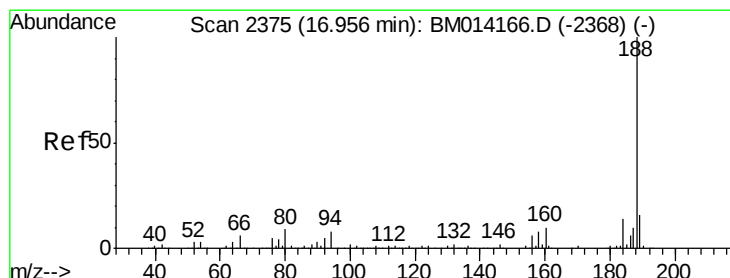
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

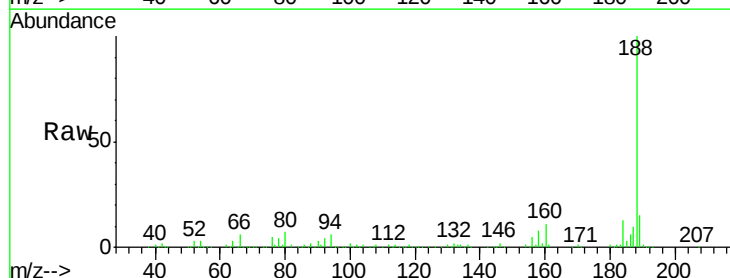
Tgt Ion: 188 Resp: 534042

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

80 7.2 9.3 13.9#

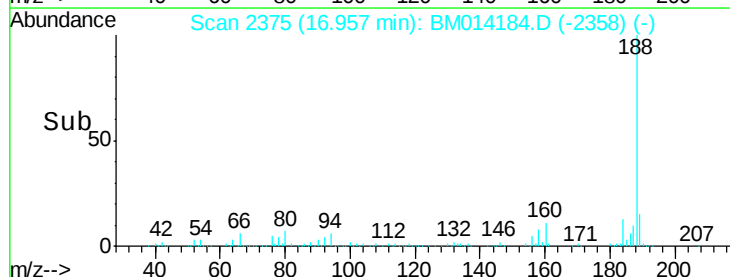


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

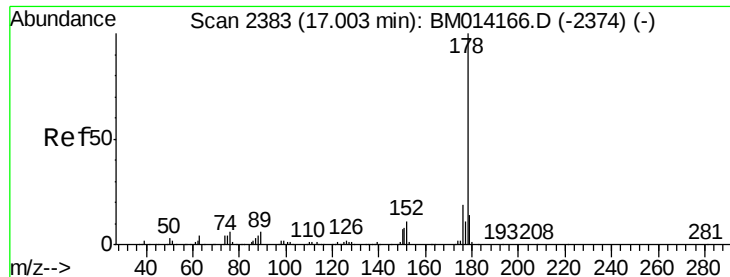
Ion 80.00 (79.70 to 80.70): BM0

Time-->



Time-->

Time-->



#70

Phenanthrene

Concen: 0.004 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.04 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampled :

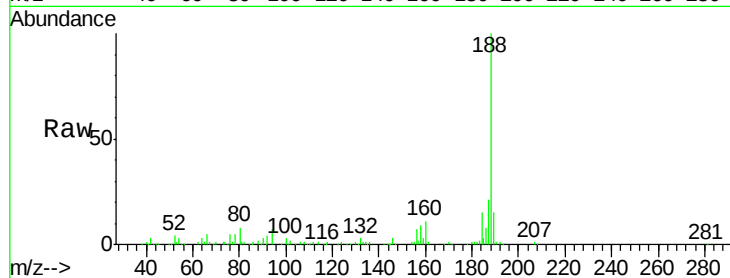
Tot Ion:178 Resp: 115

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

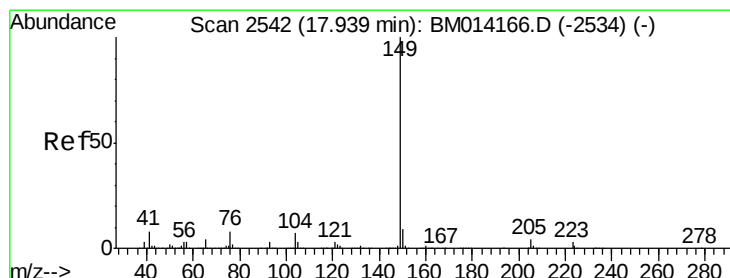
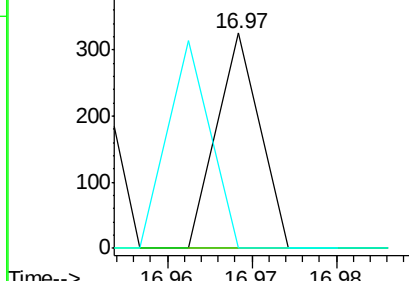
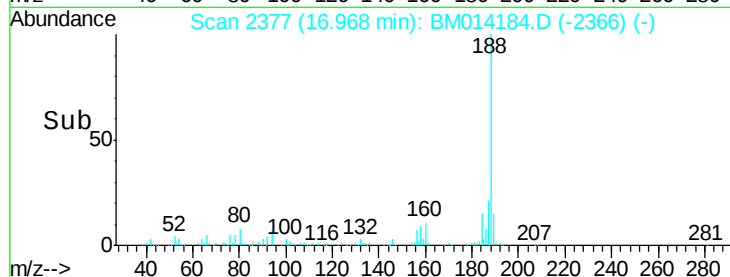
179 0.0 12.1 18.1#



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



#73

Di-n-butylphthalate

Concen: 0.018 ng

RT: 17.94 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

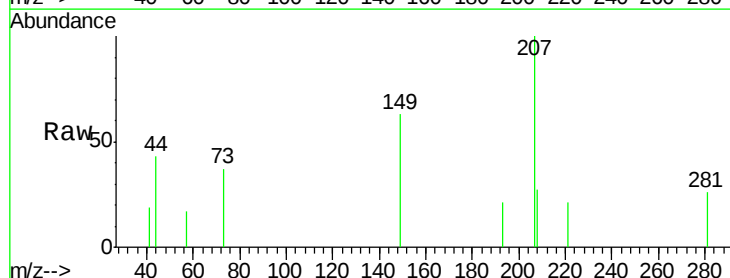
Tgt Ion:149 Resp: 696

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

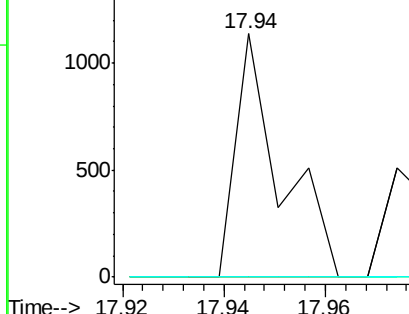
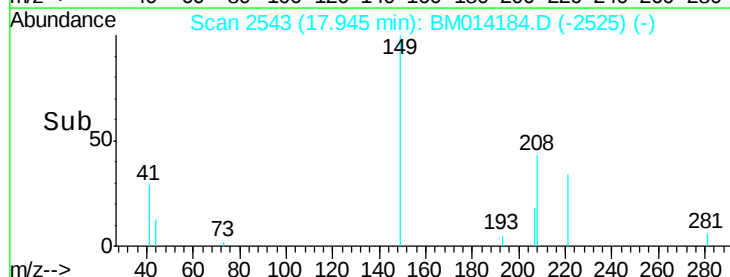
104 0.0 3.7 5.5#

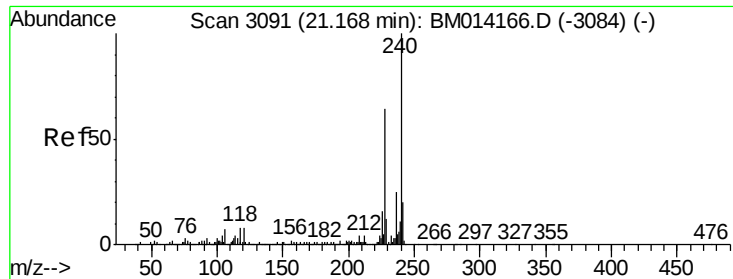


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampled :

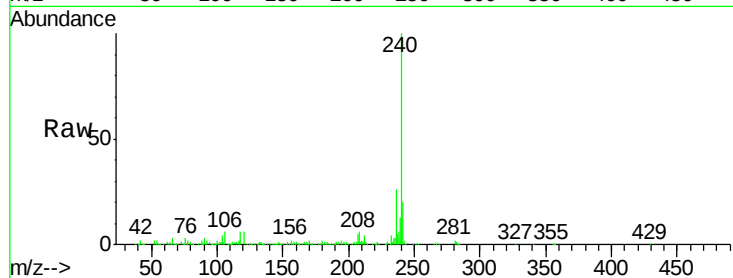
Tot Ion:240 Resp: 595623

Ion Ratio Lower Upper

240 100

120 6.2 8.2 12.2#

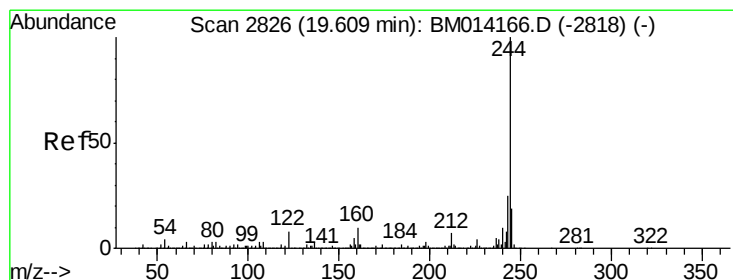
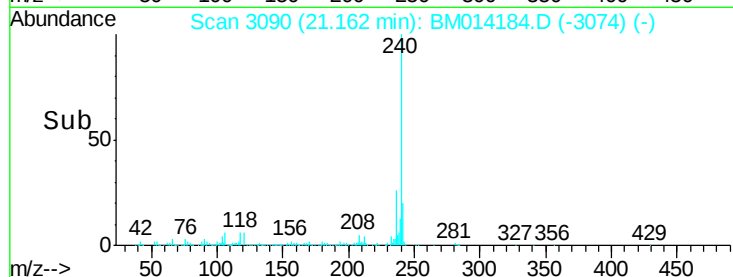
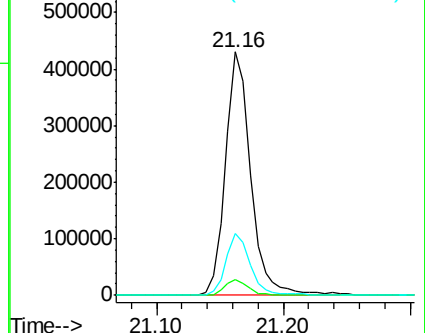
236 25.6 20.0 30.0



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



#78

Terphenyl-d14

Concen: 44.281 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

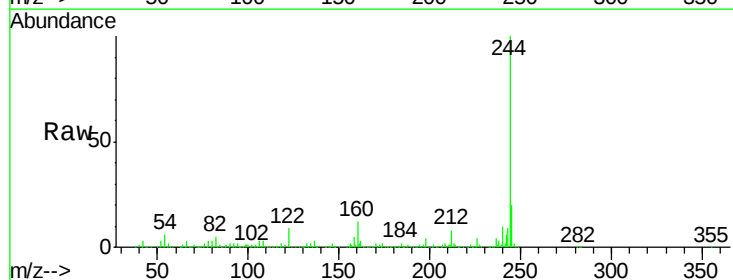
Tgt Ion:244 Resp: 1349826

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

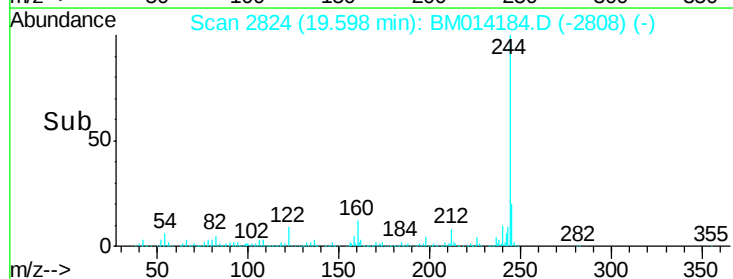
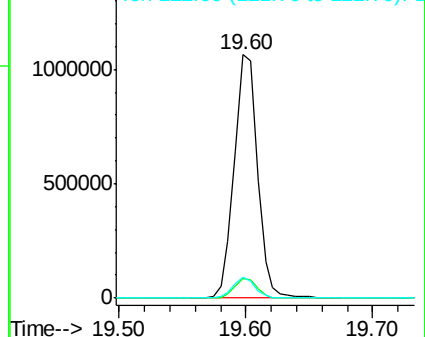
122 8.6 6.2 9.4

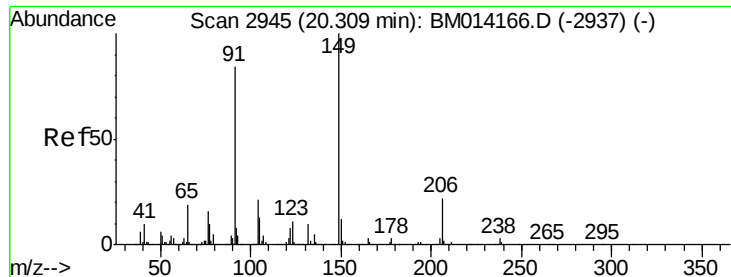


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

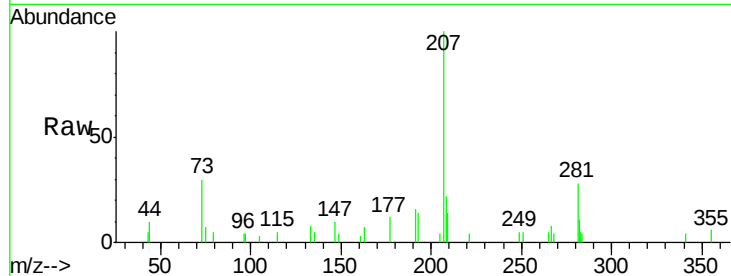




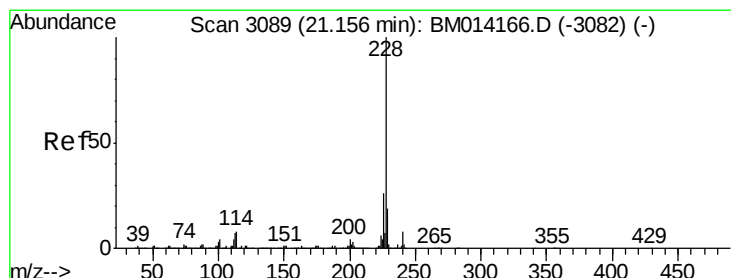
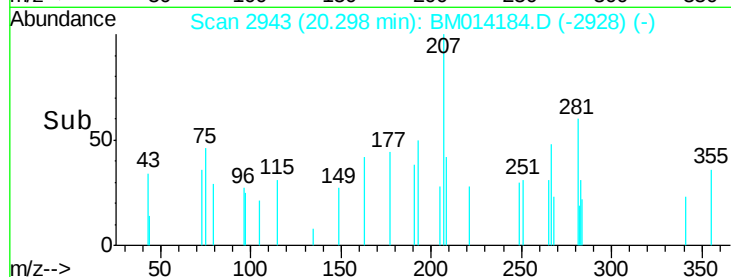
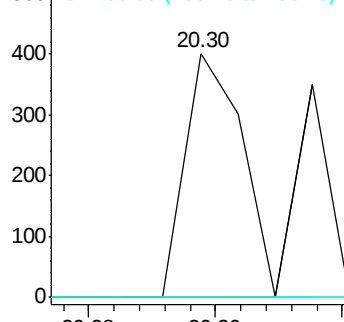
#79
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.30 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 248
Ion Ratio Lower Upper
149 100
91 0.0 50.1 75.1#
206 0.0 16.2 24.2#

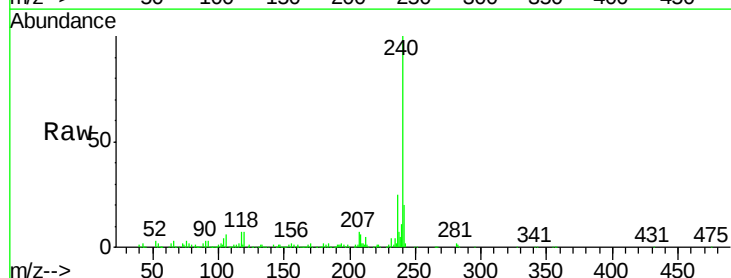


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

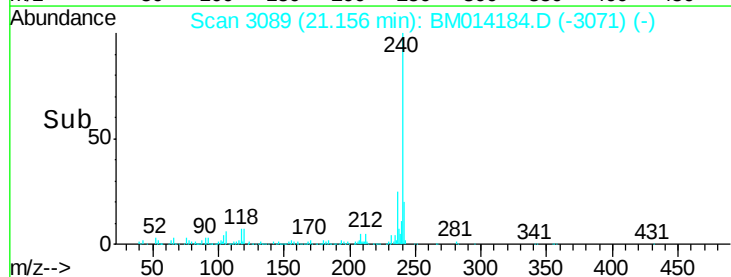
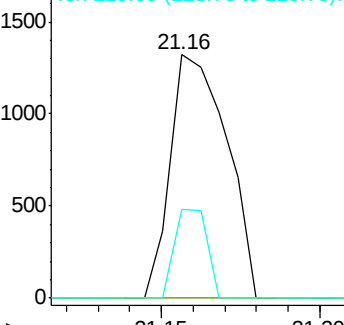


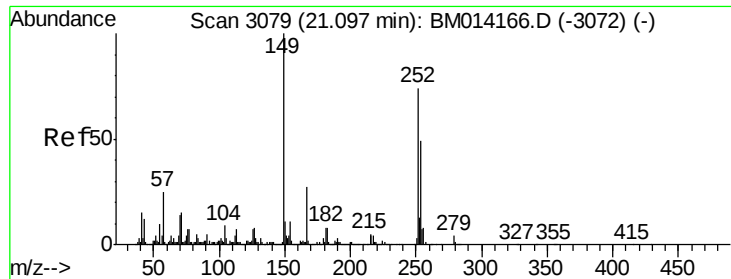
#80
Benzo(a)anthracene
Concen: 0.042 ng
RT: 21.16 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Tgt Ion:228 Resp: 1624
Ion Ratio Lower Upper
228 100
226 0.0 21.7 32.5#
229 36.6 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

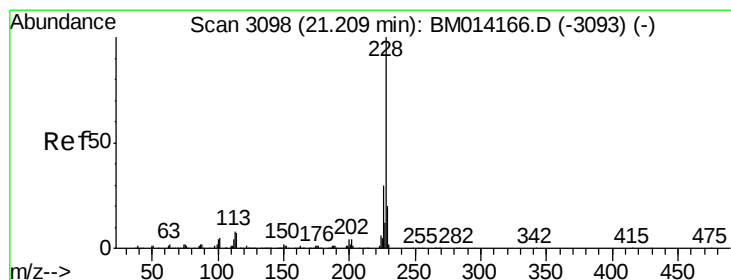
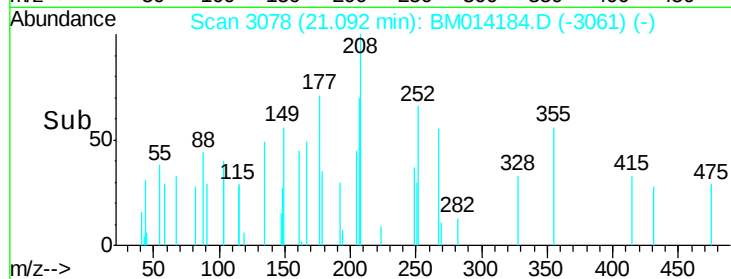
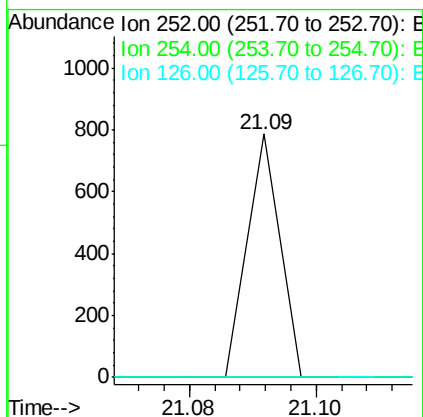
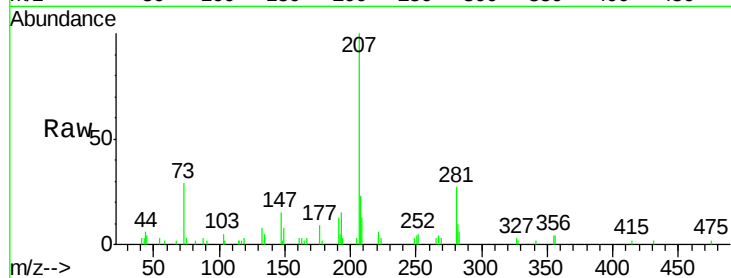




#81
 3,3'-Dichlorobenzidine
 Concen: 0.019 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.00 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

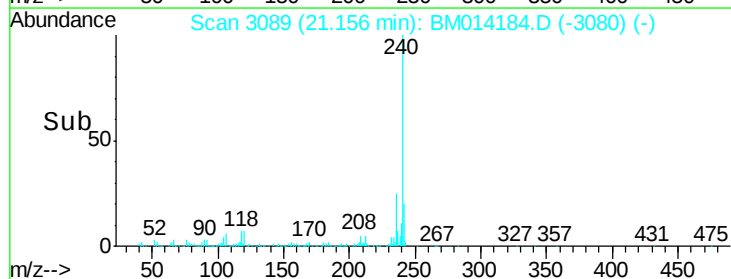
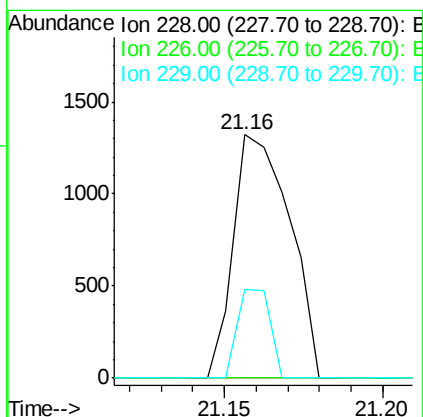
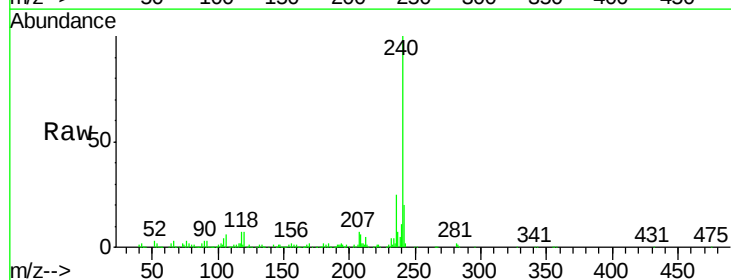
Instrument :
 BNA_M
 ClientSampled :

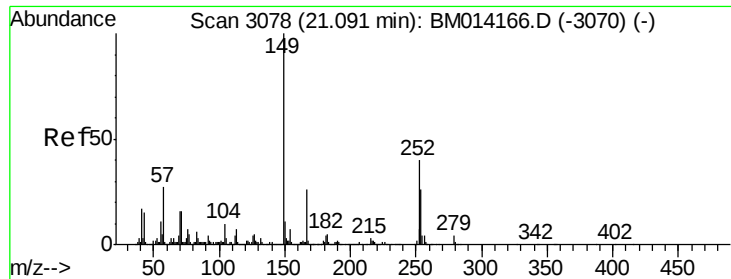
Tot Ion:252 Resp: 278
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.043 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.05 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Tgt Ion:228 Resp: 1624
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 36.6 15.5 23.3#

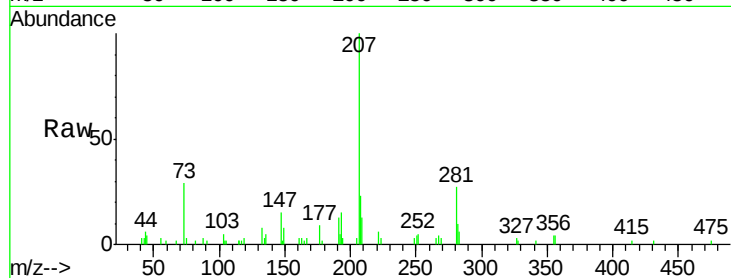




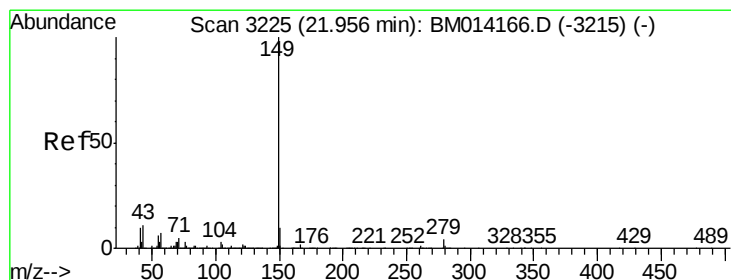
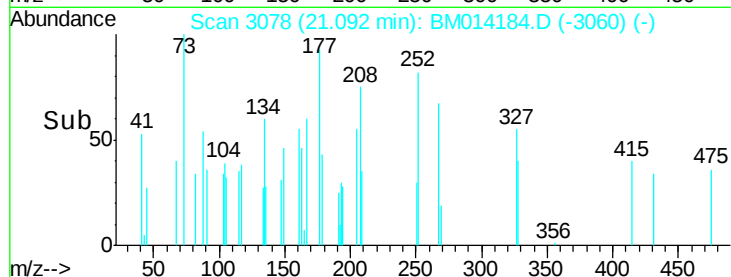
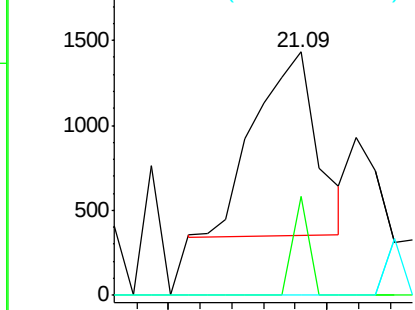
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.054 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.01 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:149 Resp: 1476
 Ion Ratio Lower Upper
 149 100
 167 40.5 22.4 33.6#
 279 0.0 3.4 5.0#

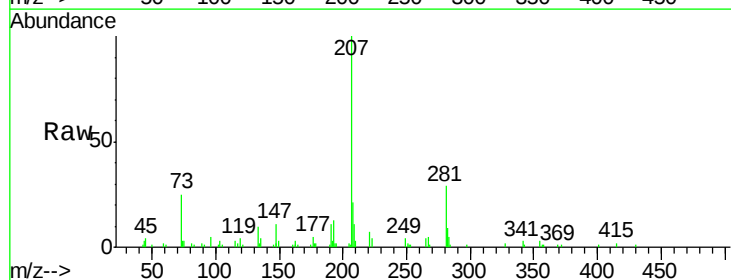


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

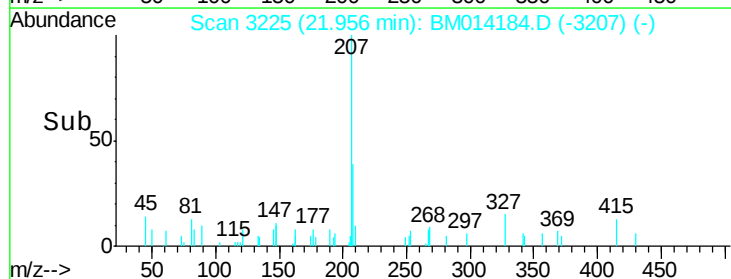
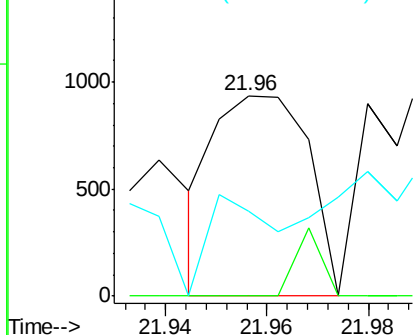


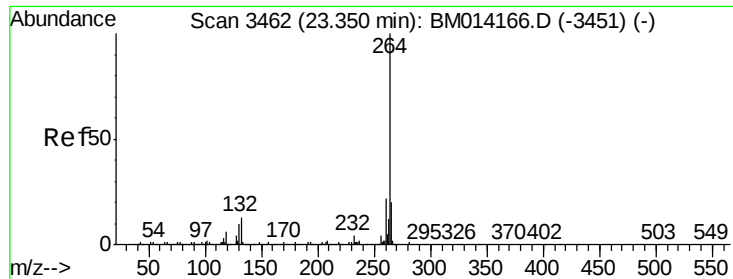
#84
 Di-n-octyl phthalate
 Concen: 0.032 ng
 RT: 21.96 min Scan# 3225
 Delta R.T. 0.01 min
 Lab File: BM014184.D
 Acq: 08 Feb 2018 09:03

Tgt Ion:149 Resp: 1208
 Ion Ratio Lower Upper
 149 100
 167 9.3 1.2 1.8#
 43 34.3 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): BM0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

Instrument :

BNA_M

ClientSampleId :

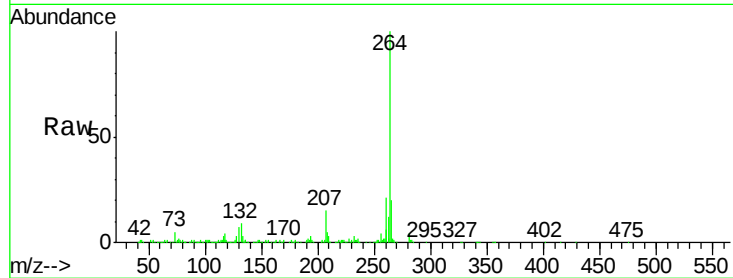
Tot Ion:264 Resp: 541832

Ion Ratio Lower Upper

264 100

260 21.1 18.6 27.8

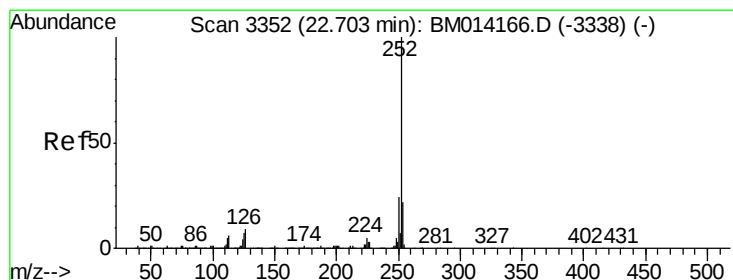
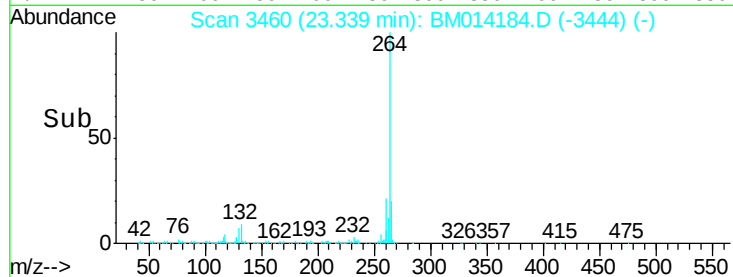
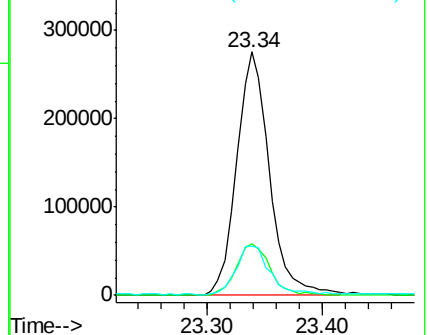
265 20.2 17.3 25.9



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: 0.006 ng

RT: 22.71 min Scan# 3353

Delta R.T. 0.01 min

Lab File: BM014184.D

Acq: 08 Feb 2018 09:03

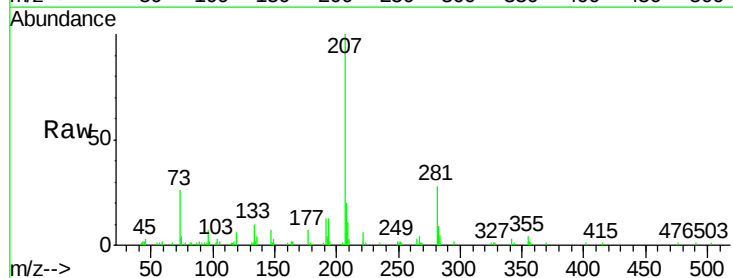
Tgt Ion:252 Resp: 231

Ion Ratio Lower Upper

252 100

253 60.9 18.0 27.0#

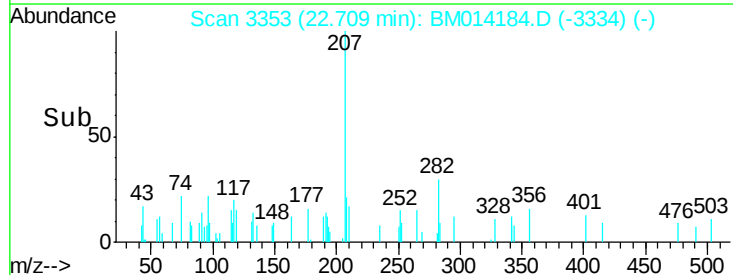
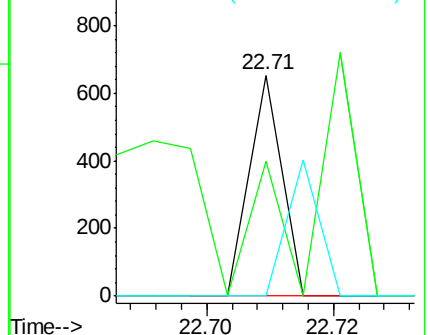
125 0.0 9.9 14.9#

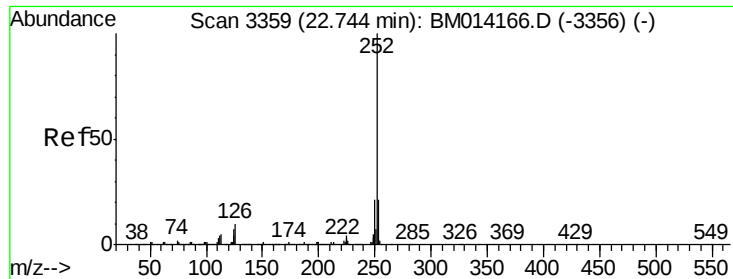


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

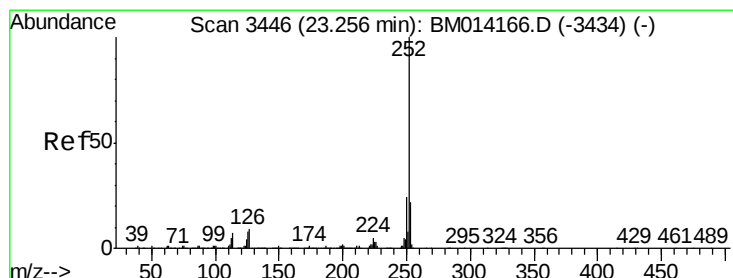
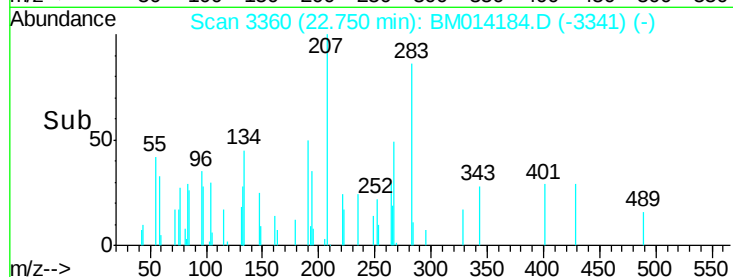
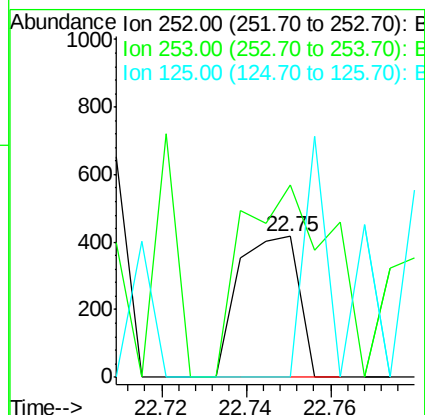
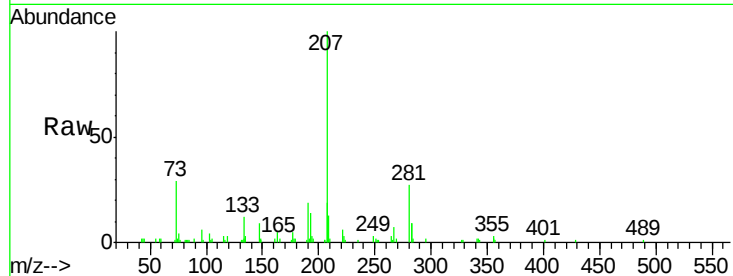




#88
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 414
Ion Ratio Lower Upper
252 100
253 136.5 17.2 25.8#
125 0.0 8.1 12.1#



#89
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.26 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM014184.D
Acq: 08 Feb 2018 09:03

Tgt Ion:252 Resp: 888
Ion Ratio Lower Upper
252 100
253 63.6 17.6 26.4#
125 0.0 7.4 11.2#

