

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003729.D
 Acq On : 23 Dec 2015 03:55
 Operator : UM/SJ
 Sample : G4869-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01

Quant Time: Dec 23 04:58:28 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

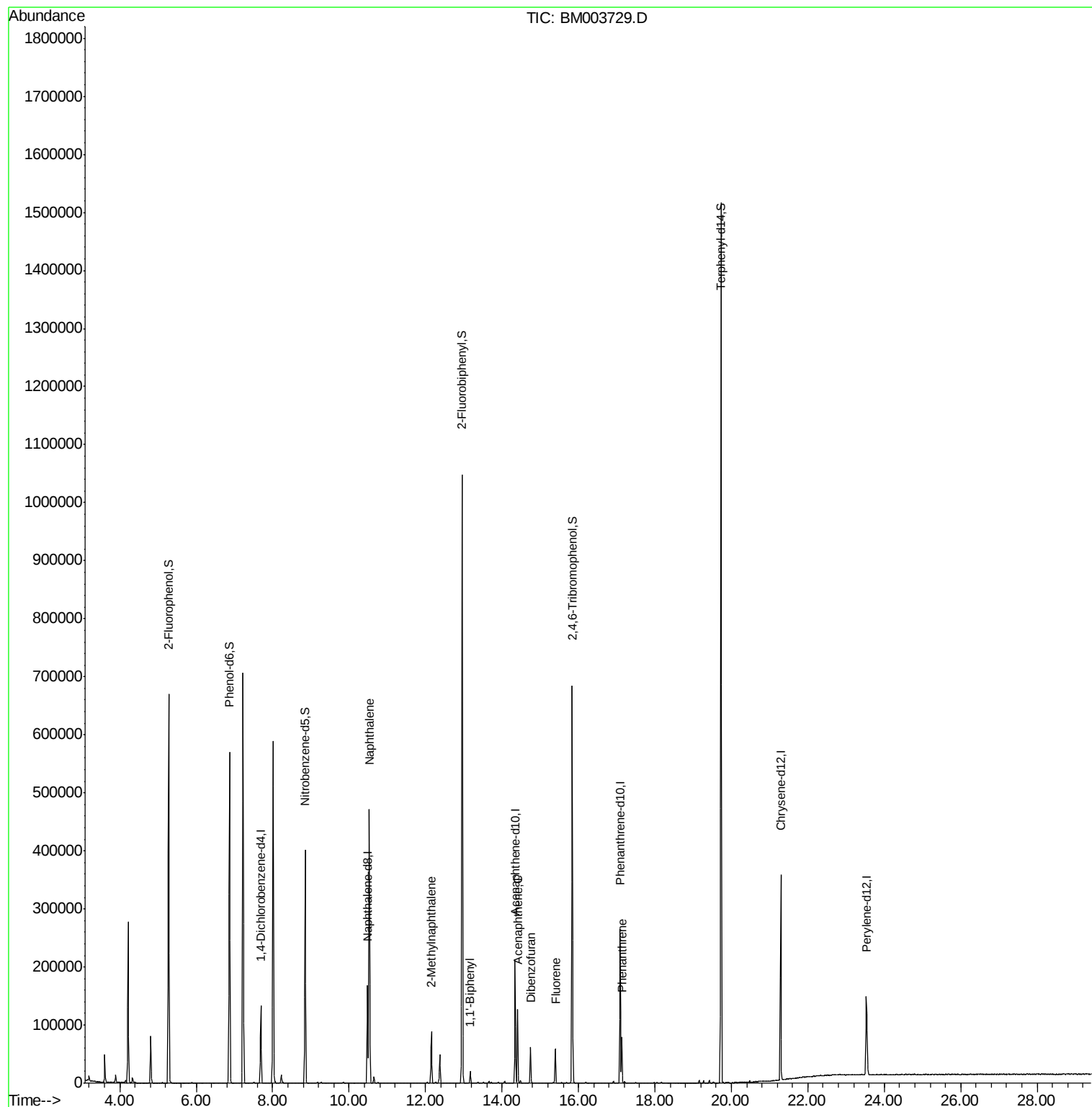
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37075	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	145620	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	68337	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	152842	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	158873	20.00	ng	-0.03
86) Perylene-d12	23.53	264	63827	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	298496	143.14	ng	-0.02
7) Phenol-d6	6.87	99	337752	116.64	ng	-0.02
23) Nitrobenzene-d5	8.85	82	243538	103.69	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	108048	158.32	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	547403	109.14	ng	-0.04
78) Terphenyl-d14	19.73	244	641201	95.18	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	403062	52.90	ng	100
37) 2-Methylnaphthalene	12.15	142	45569	8.72	ng	96
45) 1,1'-Biphenyl	13.17	154	12869	2.12	ng	98
51) Acenaphthene	14.41	154	47450	11.03	ng	99
54) Dibenzofuran	14.75	168	42126	6.78	ng	95
57) Fluorene	15.40	166	28731	5.58	ng	99
70) Phenanthrene	17.13	178	47234	5.51	ng	99

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

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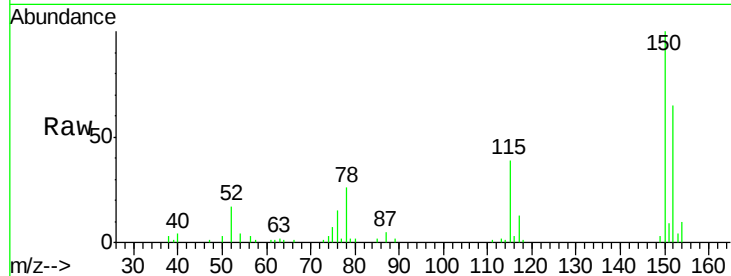


#1

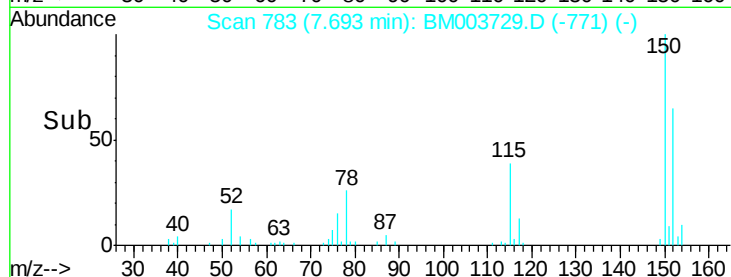
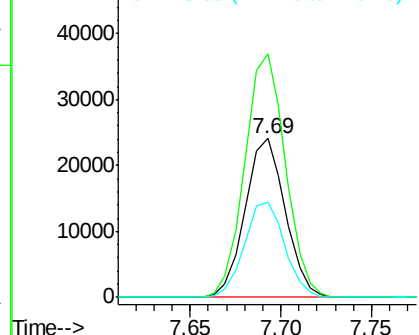
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tot Ion:152 Resp: 37075
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 59.6 43.0 64.4



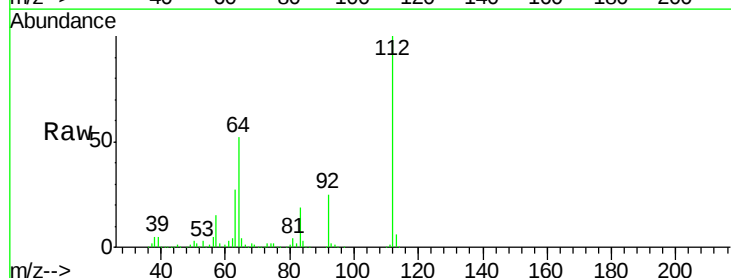
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



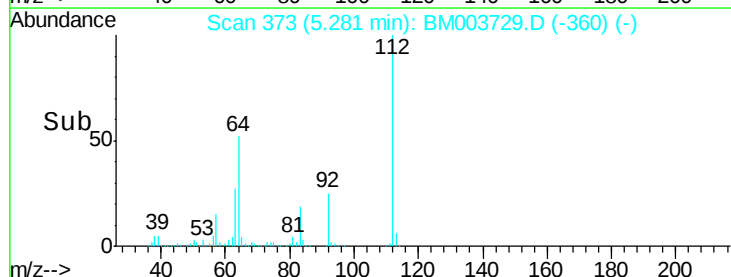
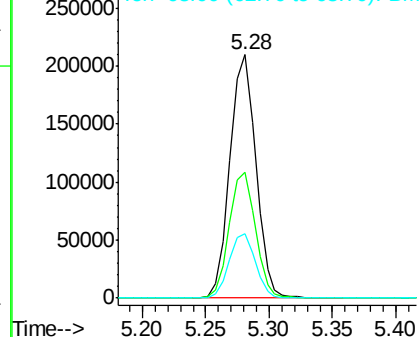
#5

2-Fluorophenol
Concen: 143.14 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:112 Resp: 298496
Ion Ratio Lower Upper
112 100
64 51.7 38.6 57.8
63 26.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 116.64 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

Instrument :

BNA_M

ClientSampleId :

LTCWC-01

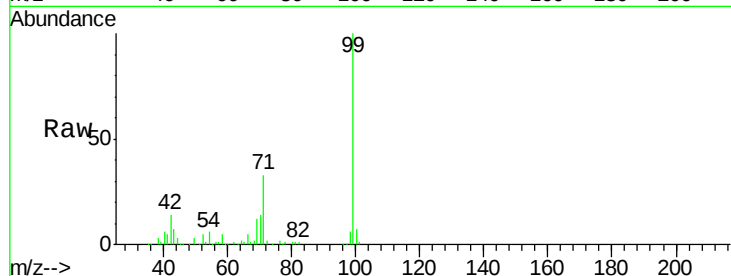
Tot Ion: 99 Resp: 337752

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

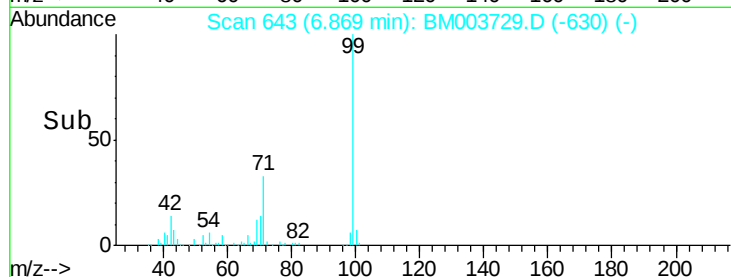
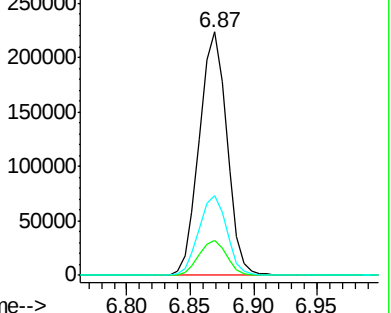
71 32.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

Tgt Ion: 136 Resp: 145620

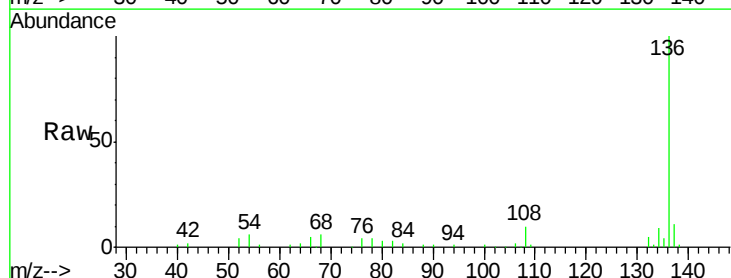
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.2 4.6 6.8

68 5.8 3.7 5.5#

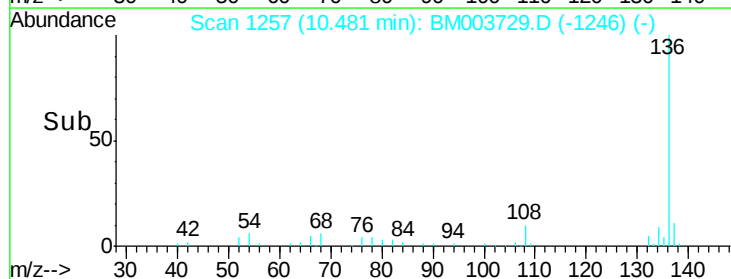
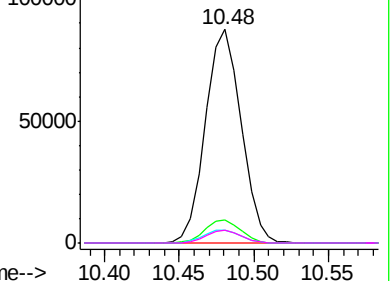


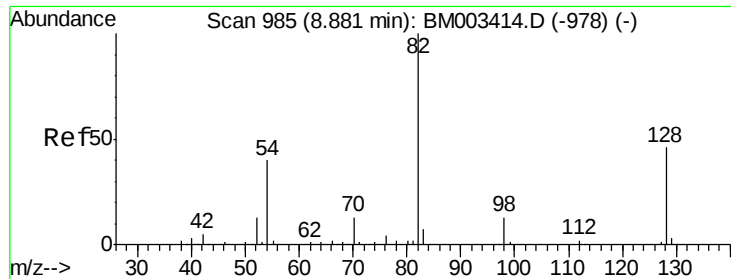
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)

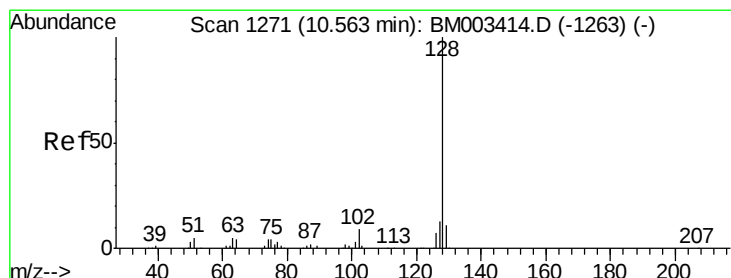
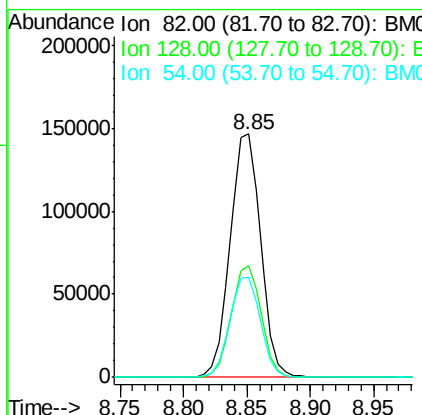
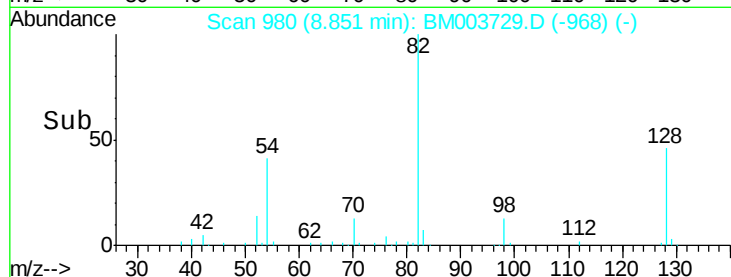
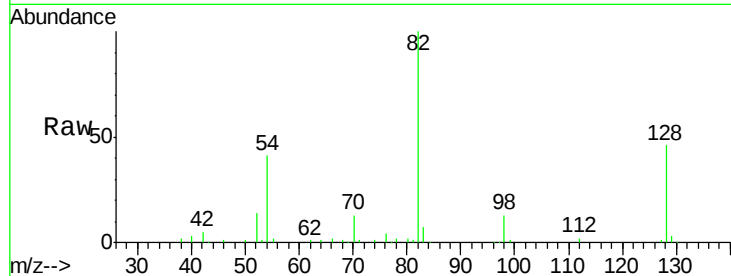




#23
 Nitrobenzene-d5
 Concen: 103.69 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

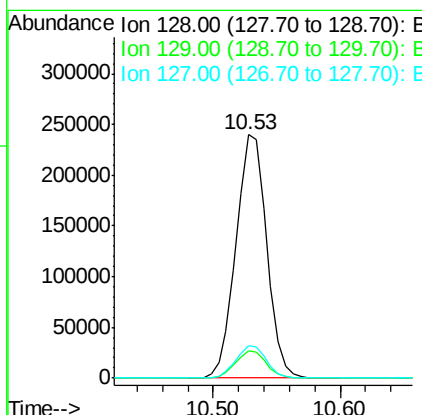
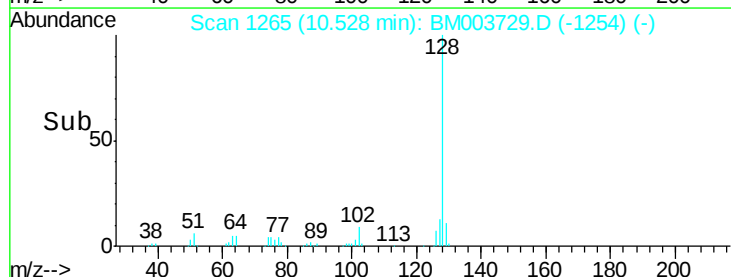
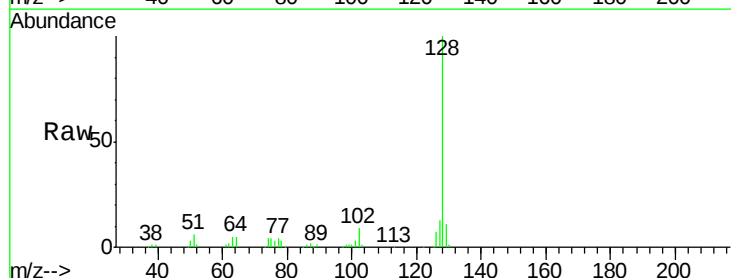
Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01

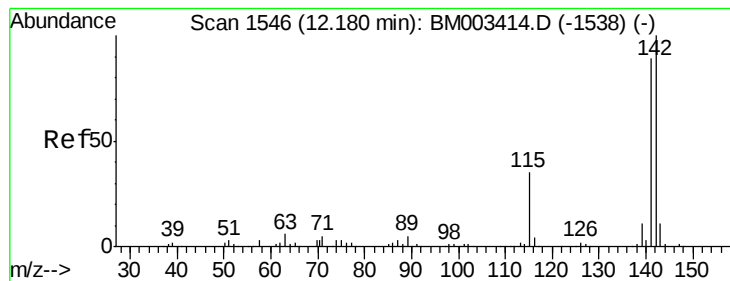
Tot Ion	82	Resp	243538
Ion Ratio	Lower	Upper	
82	100		
128	46.1	32.8	49.2
54	41.4	40.6	60.8



#31
 Naphthalene
 Concen: 52.90 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

Tgt Ion	128	Resp	403062
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.9	13.3
127	13.1	10.4	15.6





#37

2-Methylnaphthalene

Concen: 8.72 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

Instrument :

BNA_M

ClientSampleId :

LTCWC-01

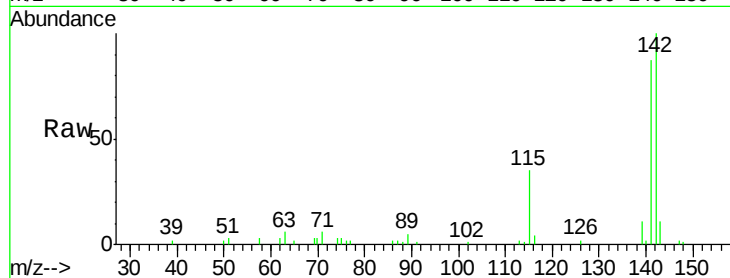
Tot Ion:142 Resp: 45569

Ion Ratio Lower Upper

142 100

141 86.7 71.9 107.9

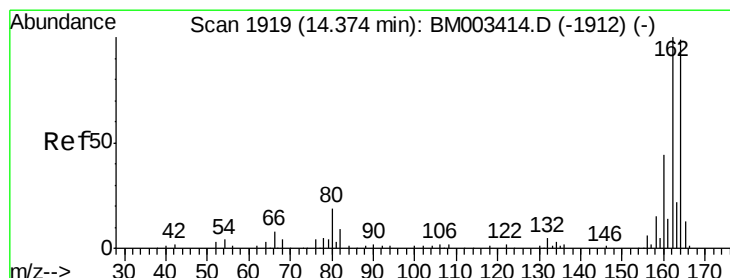
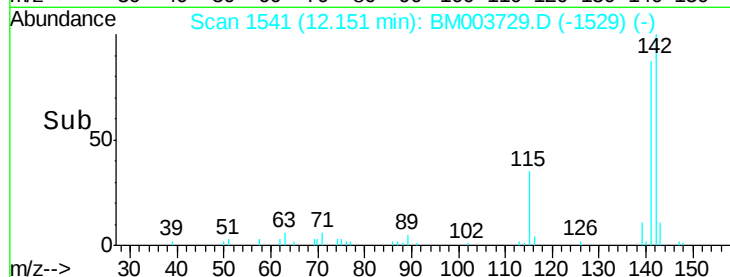
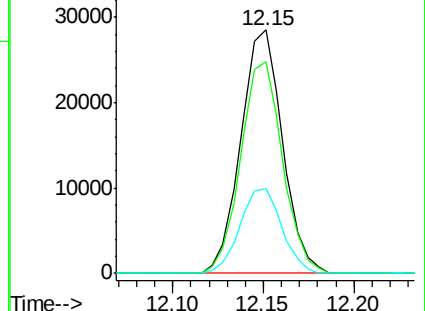
115 34.9 25.4 38.0



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: 20.00 ng

RT: 14.35 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

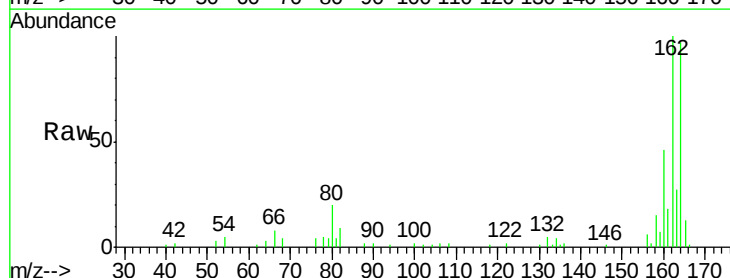
Tgt Ion:164 Resp: 68337

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

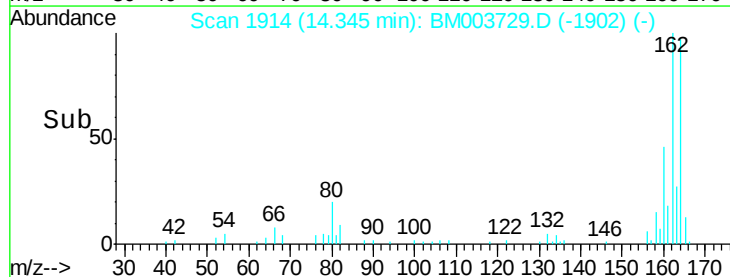
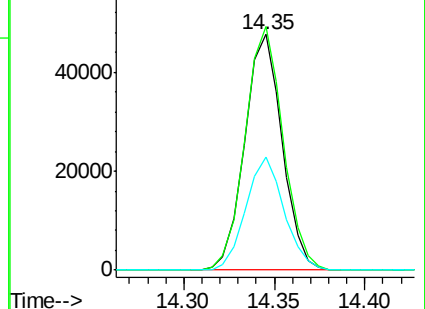
160 48.0 35.8 53.6

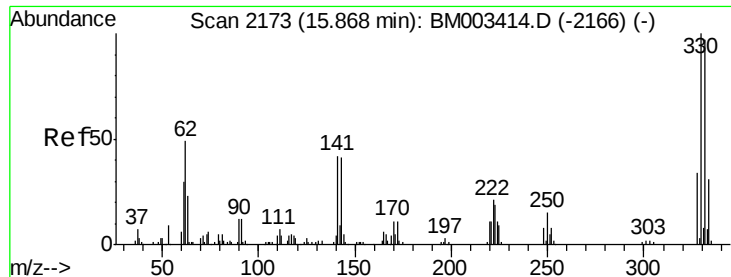


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

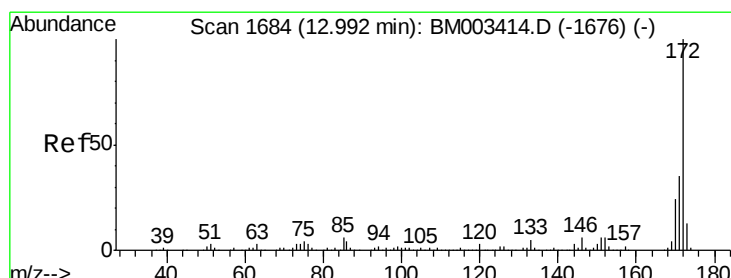
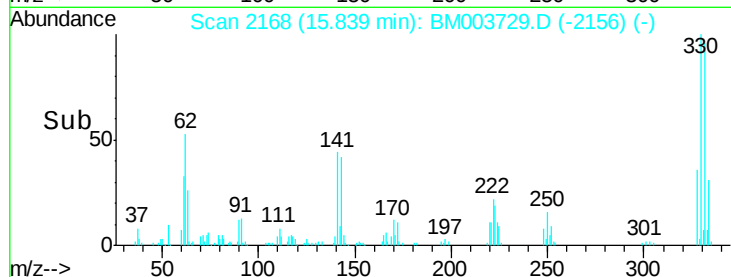
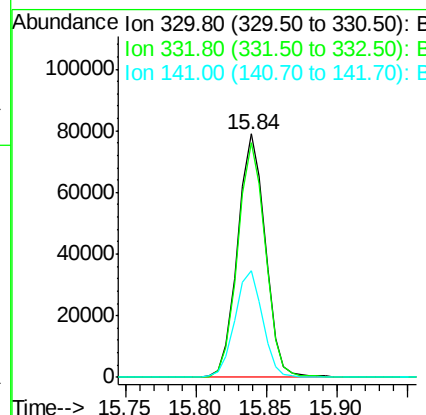
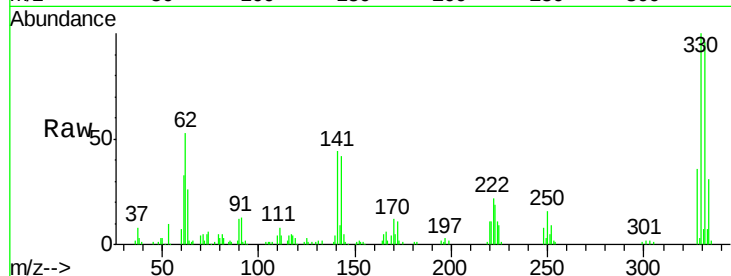




#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

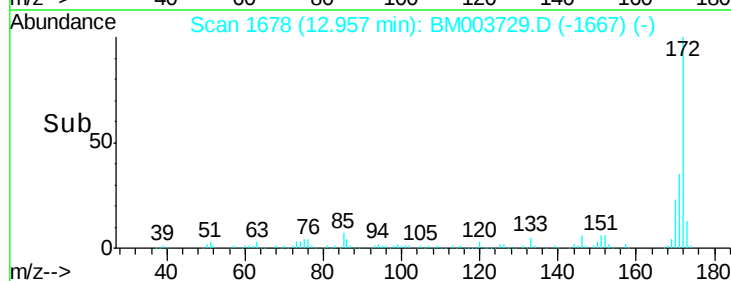
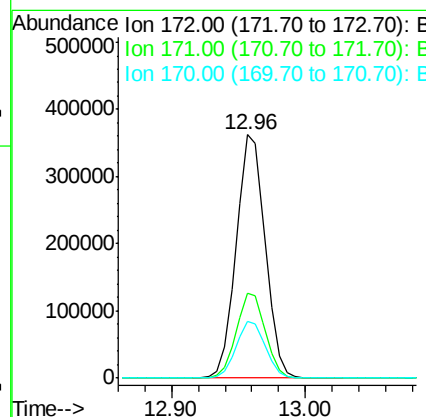
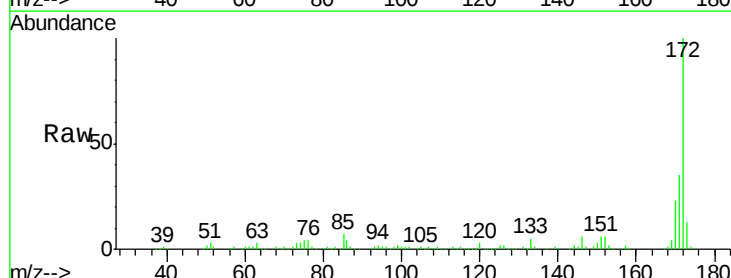
Instrument :
 BNA_M
 ClientSampled :
 LTCWC-01

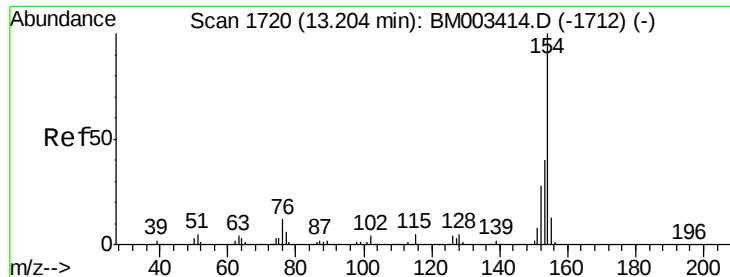
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	43.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 109.14 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.1	18.8	28.2

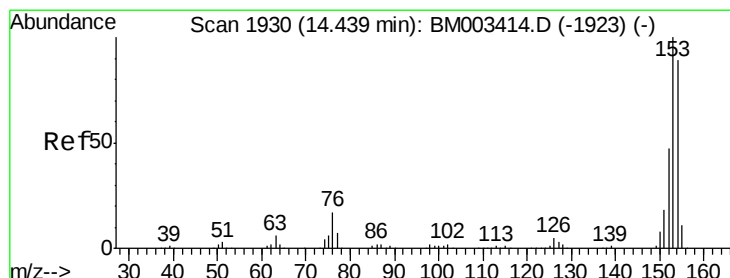
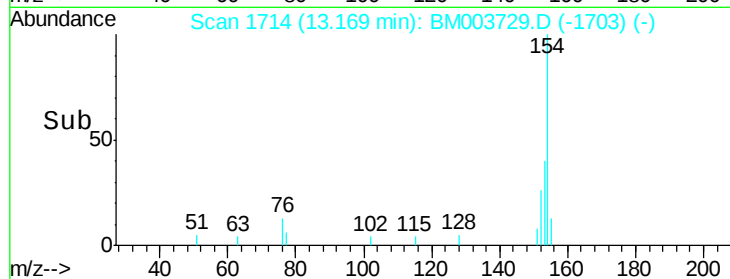
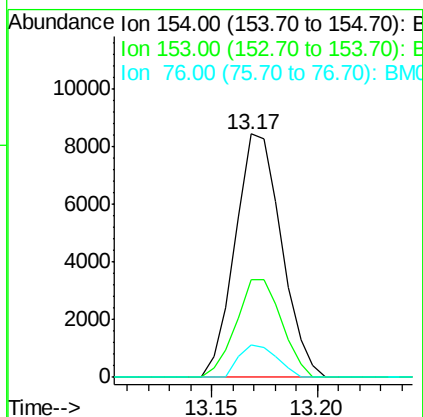
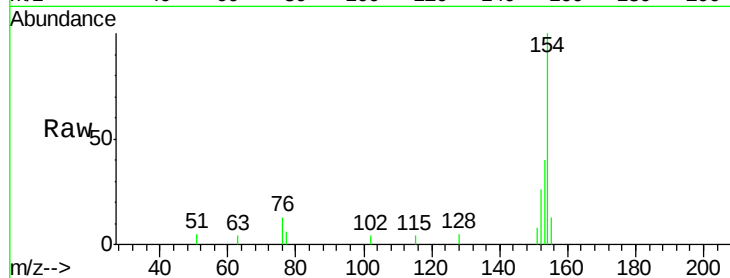




#45
 1,1'-Biphenyl
 Concen: 2.12 ng
 RT: 13.17 min Scan# 1714
 Delta R.T. -0.04 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

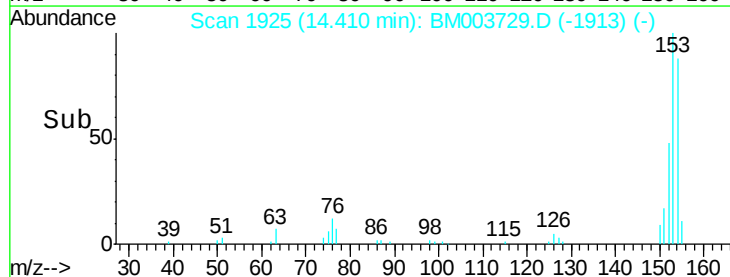
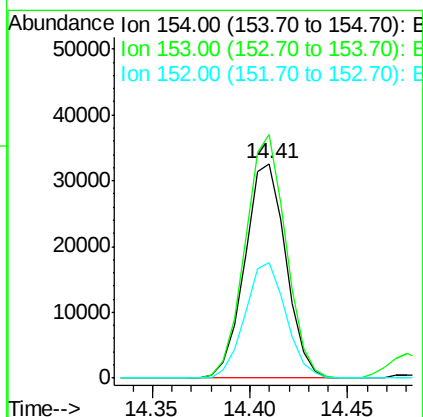
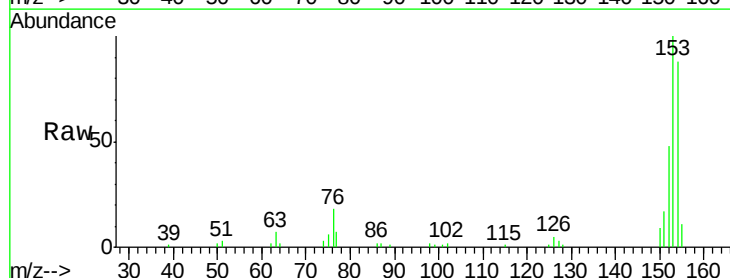
Instrument :
 BNA_M
 ClientSampled :
 LTCWC-01

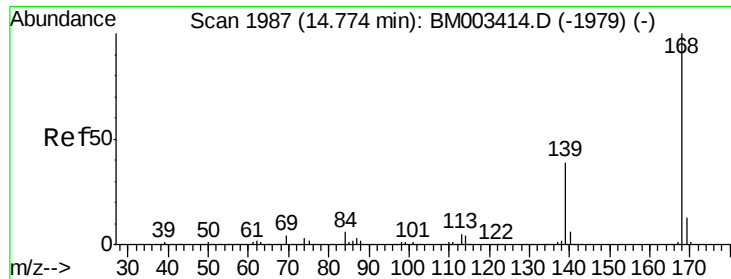
Tot Ion:154 Resp: 12869
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.7 60.7
 76 13.4 0.0 30.9



#51
 Acenaphthene
 Concen: 11.03 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.03 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

Tgt Ion:154 Resp: 47450
 Ion Ratio Lower Upper
 154 100
 153 113.7 90.0 135.0
 152 54.0 42.6 63.8





#54

Dibenzenofuran

Concen: 6.78 ng

RT: 14.75 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

Instrument :

BNA_M

ClientSampleId :

LTCWC-01

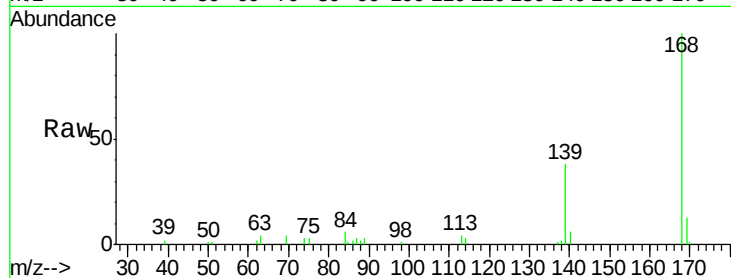
Tot Ion:168 Resp: 42126

Ion Ratio Lower Upper

168 100

139 38.0 27.3 40.9

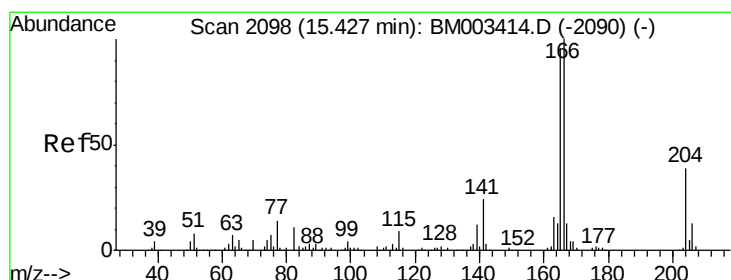
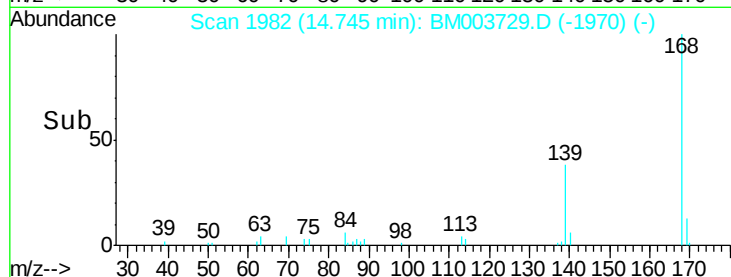
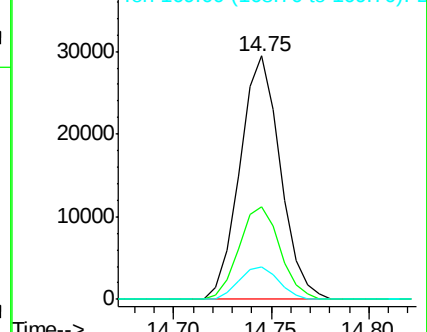
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 5.58 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

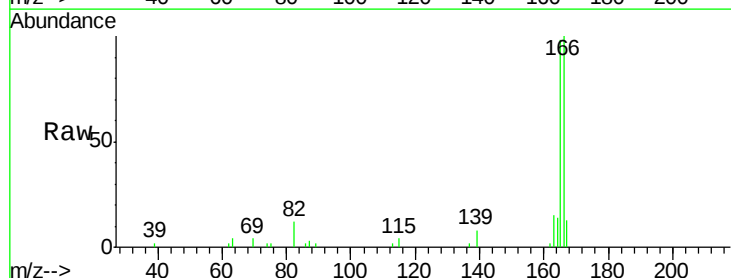
Tgt Ion:166 Resp: 28731

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

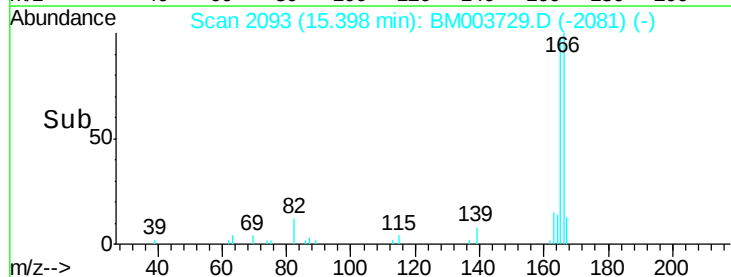
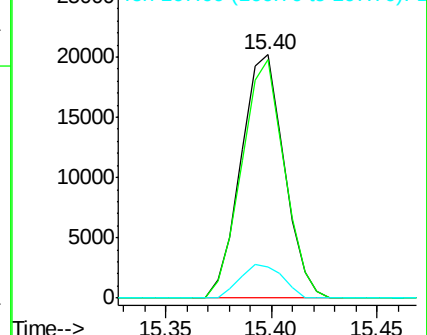
167 12.9 10.3 15.5

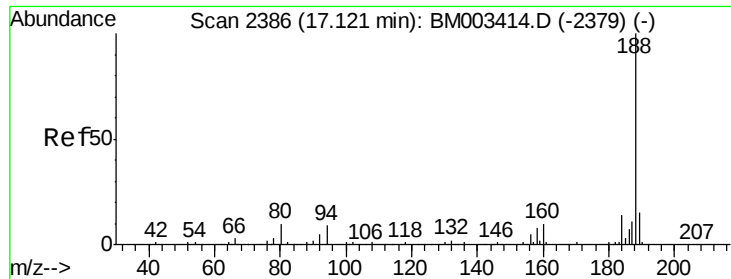


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

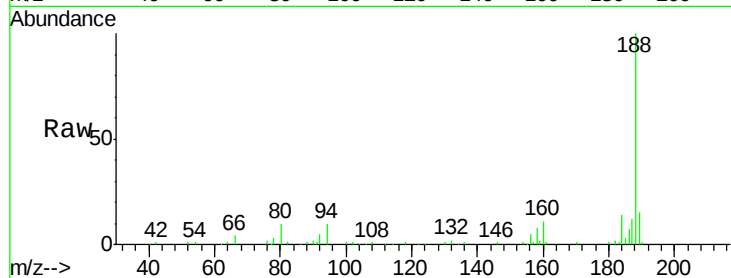




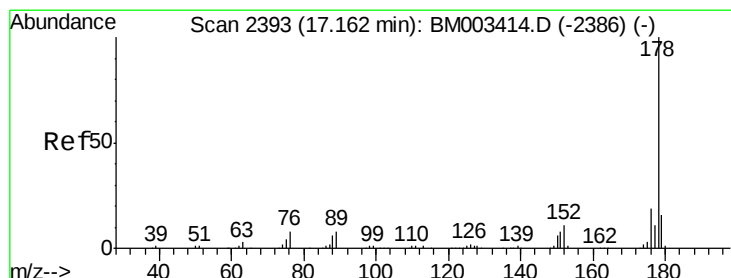
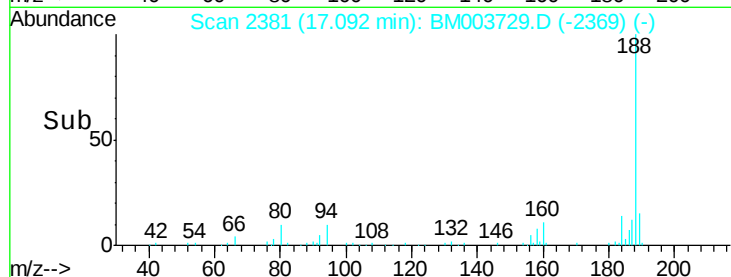
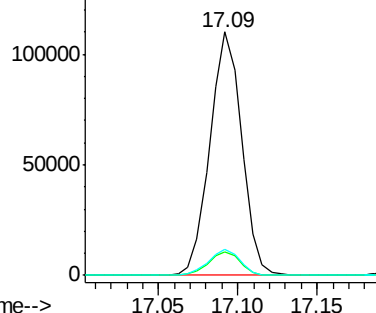
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Instrument :
BNA_M
ClientSampleId :
LTCWC-01

Tot Ion:188 Resp: 152842
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.4 9.3 13.9

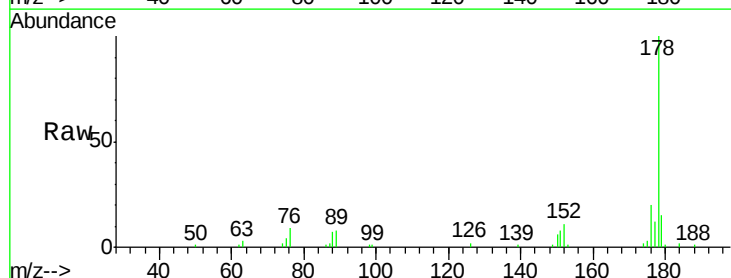


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

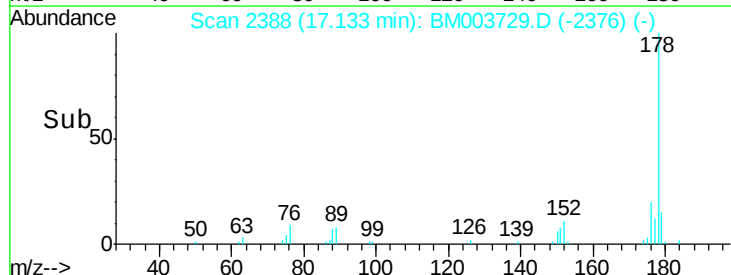
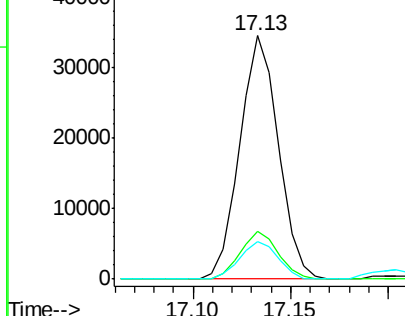


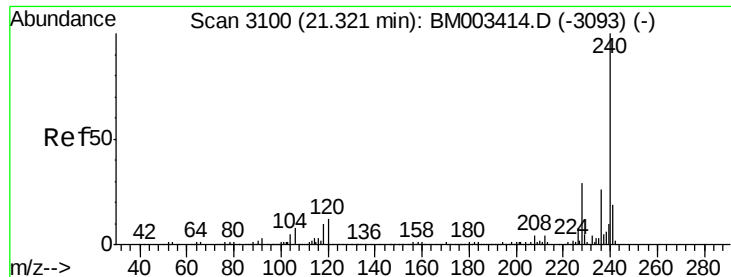
#70
Phenanthrene
Concen: 5.51 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.03 min
Lab File: BM003729.D
Acq: 23 Dec 2015 03:55

Tgt Ion:178 Resp: 47234
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.4 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

Instrument :

BNA_M

ClientSampleId :

LTCWC-01

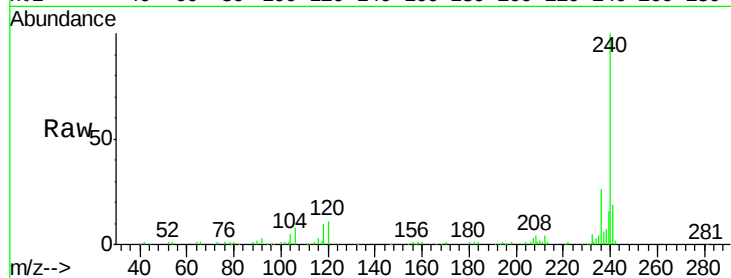
Tot Ion:240 Resp: 158873

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

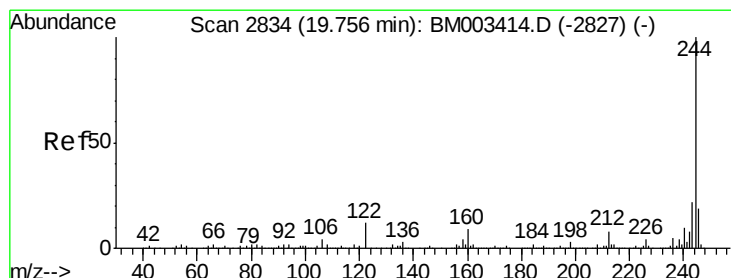
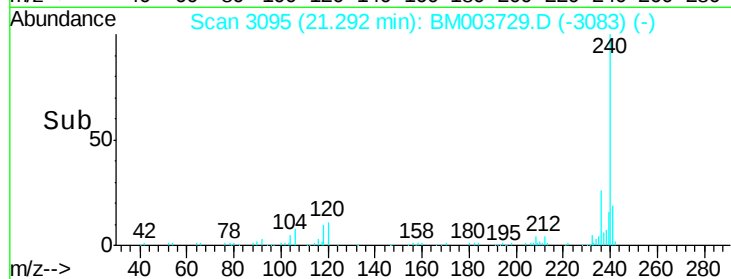
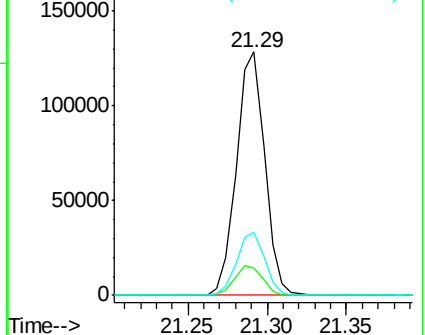
236 26.1 20.0 30.0



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



#78

Terphenyl-d14

Concen: 95.18 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003729.D

Acq: 23 Dec 2015 03:55

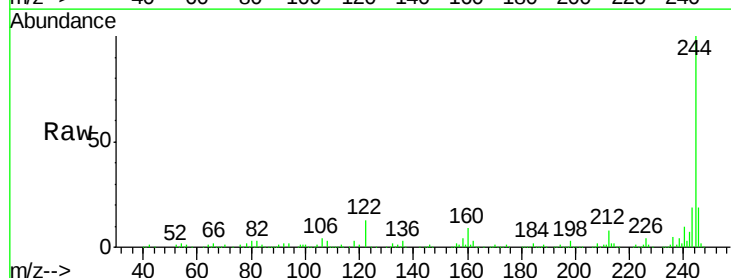
Tgt Ion:244 Resp: 641201

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

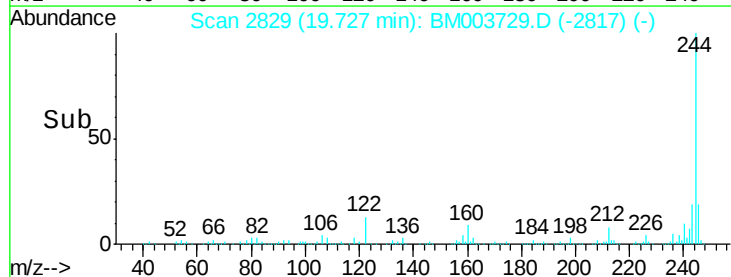
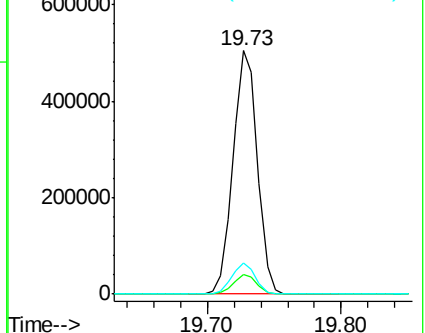
122 12.8 6.2 9.4#

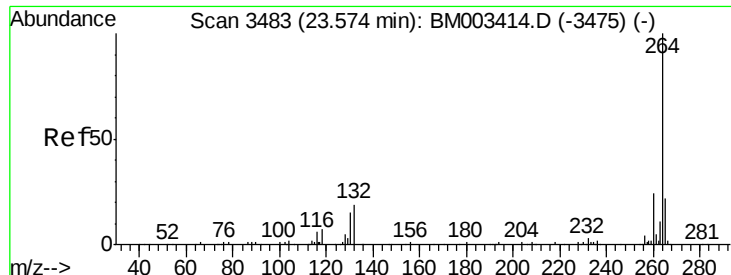


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

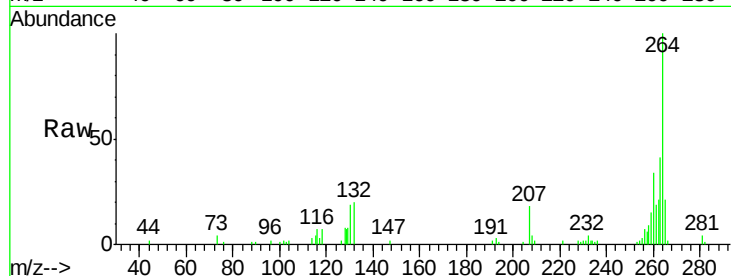




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 3476
 Delta R.T. -0.04 min
 Lab File: BM003729.D
 Acq: 23 Dec 2015 03:55

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	33.8	18.6	27.8#
265	21.1	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

