

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003732.D
 Acq On : 23 Dec 2015 05:44
 Operator : UM/SJ
 Sample : G4869-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LTCWC-02

Quant Time: Dec 23 06:18:25 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

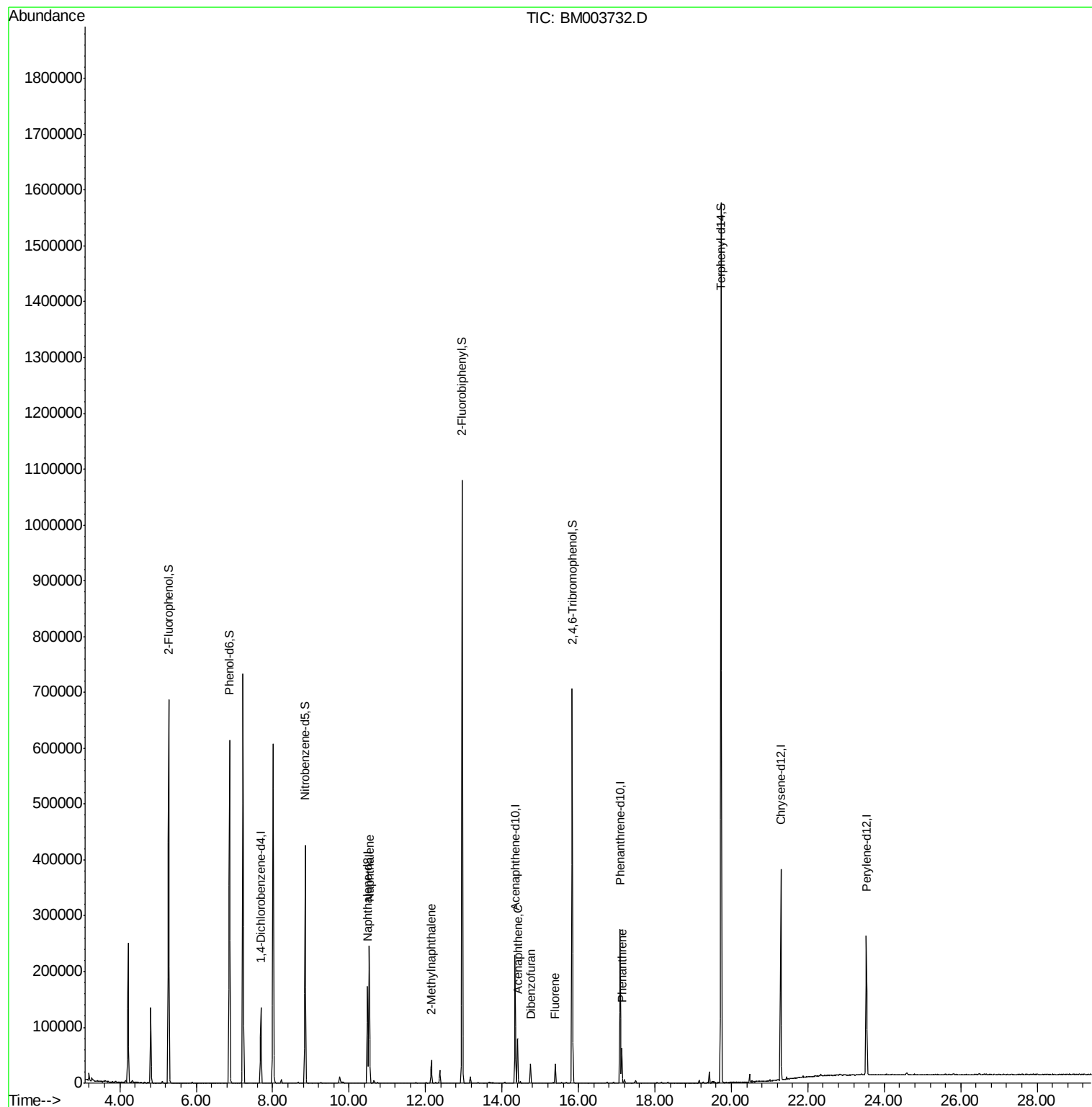
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	37723	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	149815	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	75536	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	158803	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	170663	20.00	ng	-0.03
86) Perylene-d12	23.53	264	170772	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	309389	145.82	ng	-0.02
7) Phenol-d6	6.87	99	364463	123.70	ng	-0.02
23) Nitrobenzene-d5	8.85	82	255904	105.91	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	113025	149.83	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	575615	103.82	ng	-0.04
78) Terphenyl-d14	19.73	244	665889	92.02	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.53	128	208482	26.59	ng	100
37) 2-Methylnaphthalene	12.15	142	22803	4.24	ng	97
51) Acenaphthene	14.41	154	30539	6.42	ng	99
54) Dibenzofuran	14.75	168	24923	3.63	ng	92
57) Fluorene	15.39	166	17611	3.09	ng	100
70) Phenanthrene	17.13	178	38303	4.30	ng	99

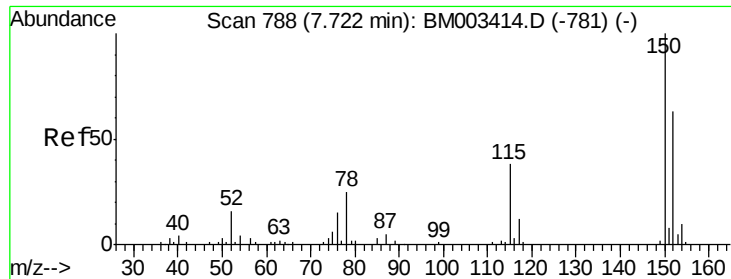
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



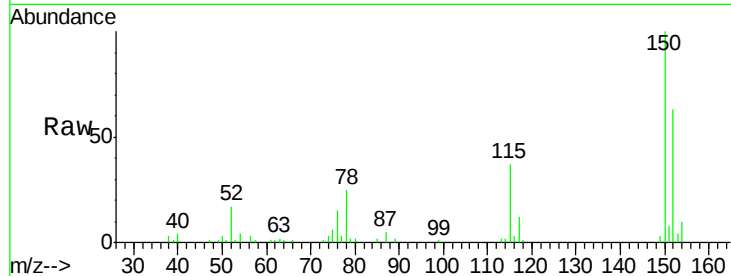


#1

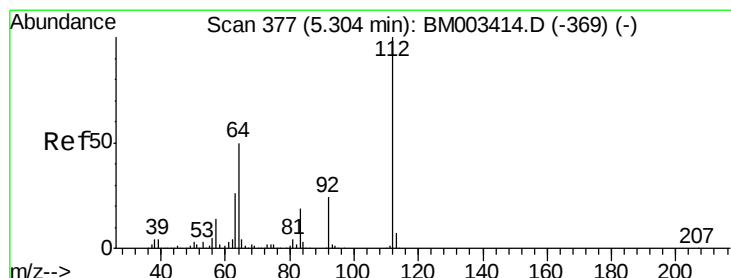
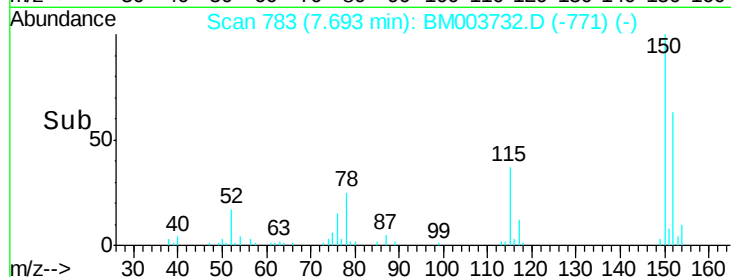
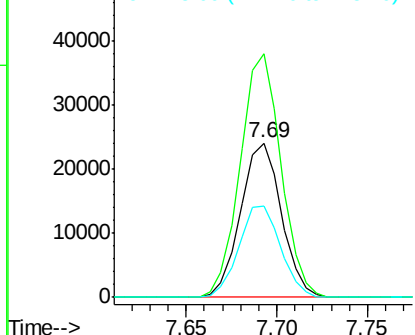
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tot Ion:152 Resp: 37723
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 58.8 43.0 64.4



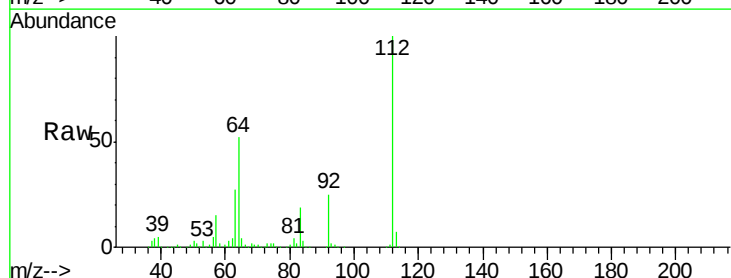
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



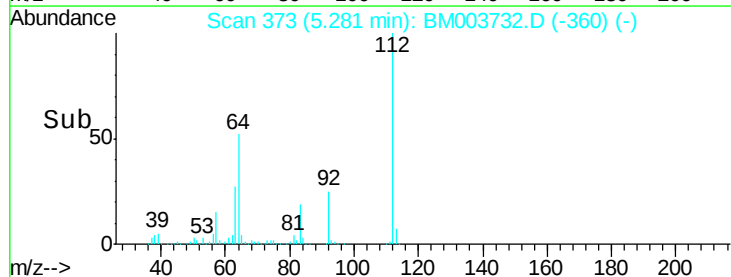
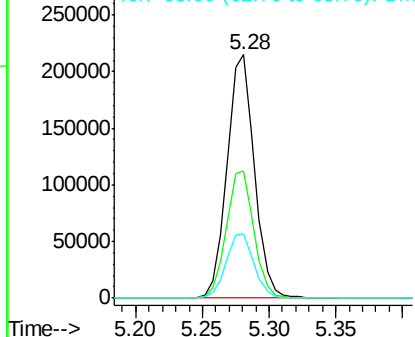
#5

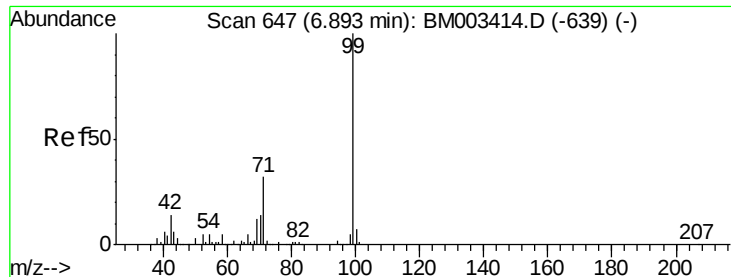
2-Fluorophenol
Concen: 145.82 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:112 Resp: 309389
Ion Ratio Lower Upper
112 100
64 52.3 38.6 57.8
63 26.6 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: 123.70 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Instrument :

BNA_M

ClientSampleId :

LTCWC-02

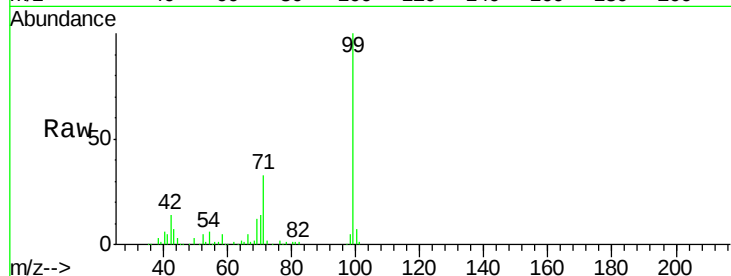
Tot Ion: 99 Resp: 364463

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 33.2 23.4 35.2

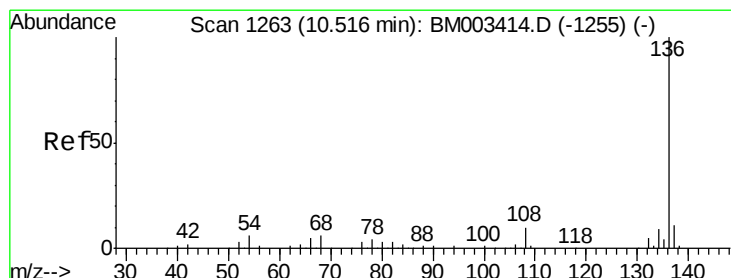
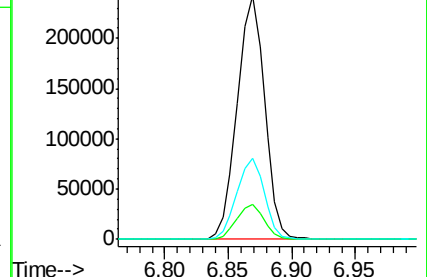
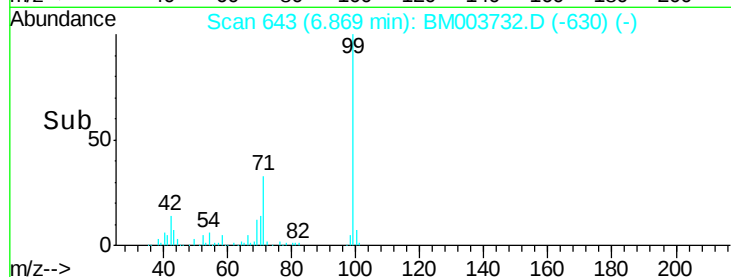


Abundance Ion 99.00 (98.70 to 99.70): BM003732.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003732.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003732.D (-639) (-)

6.87



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Tgt Ion: 136 Resp: 149815

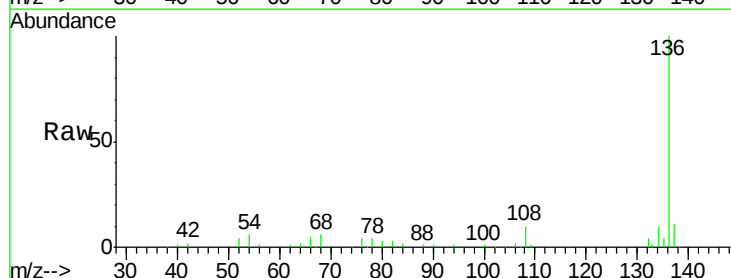
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.5 4.6 6.8

68 5.5 3.7 5.5#



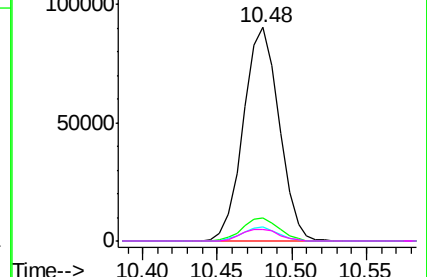
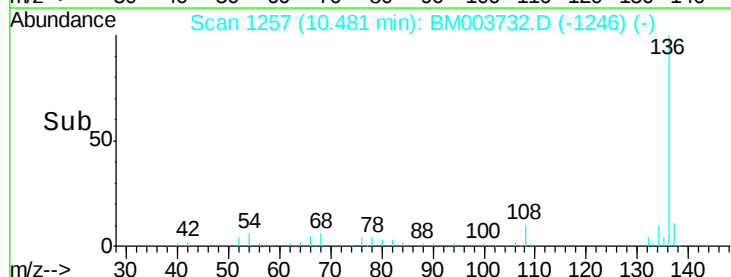
Abundance Ion 136.00 (135.70 to 136.70): BM003732.D (-1246) (-)

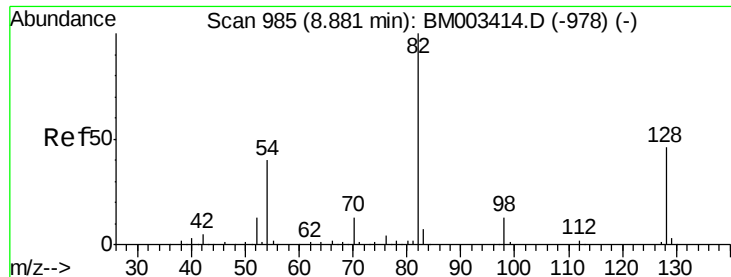
Ion 137.00 (136.70 to 137.70): BM003732.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003732.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003732.D (-1246) (-)

10.48

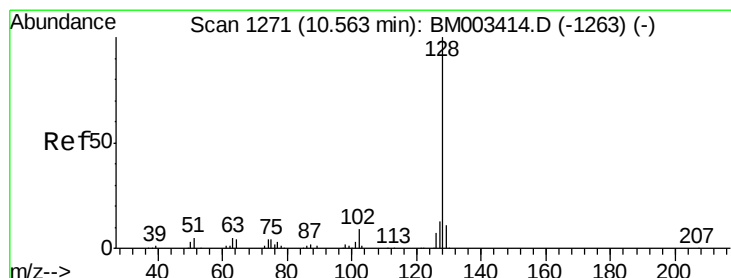
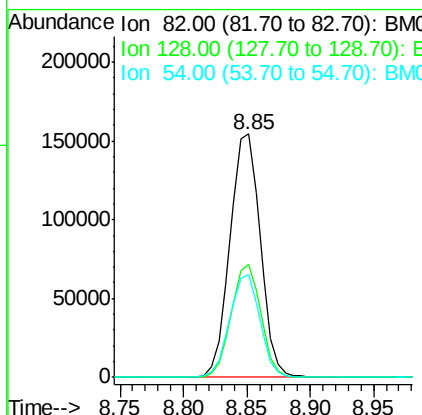
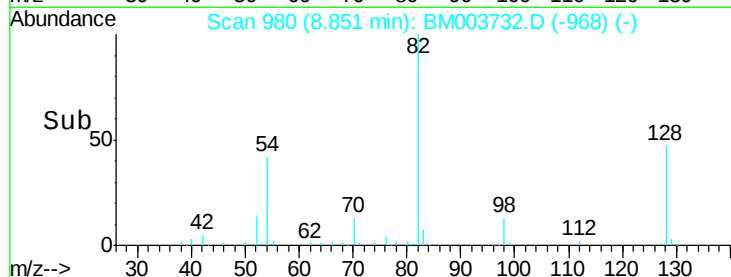
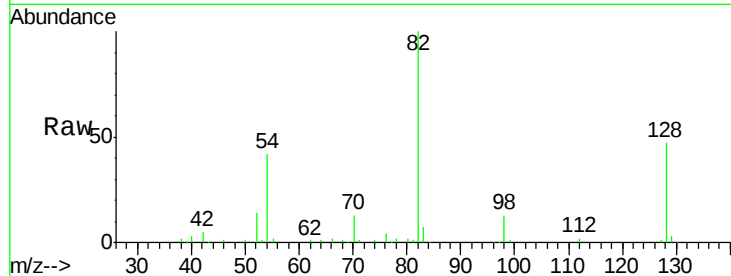




#23
 Nitrobenzene-d5
 Concen: 105.91 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003732.D
 Acq: 23 Dec 2015 05:44

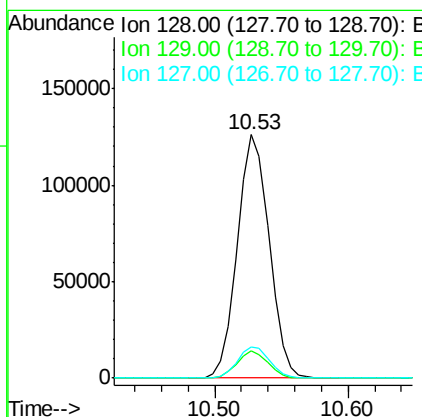
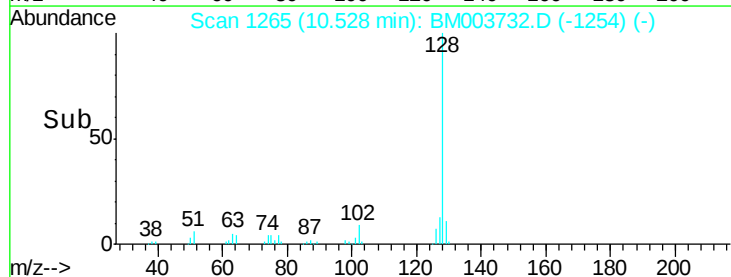
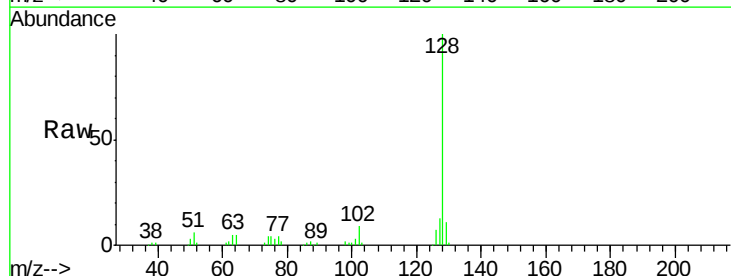
Instrument :
 BNA_M
 ClientSampleID :
 LTCWC-02

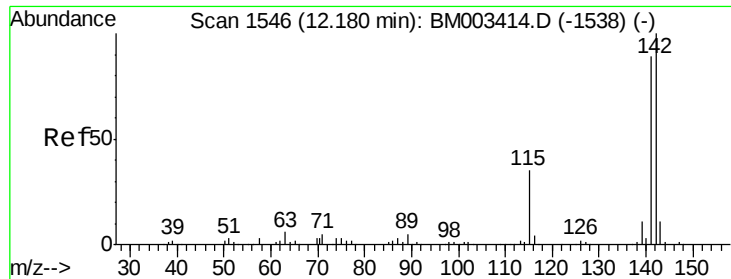
Tot Ion	82	Resp	255904
Ion Ratio	100	Lower	Upper
128	46.6	32.8	49.2
54	42.2	40.6	60.8



#31
 Naphthalene
 Concen: 26.59 ng
 RT: 10.53 min Scan# 1265
 Delta R.T. -0.04 min
 Lab File: BM003732.D
 Acq: 23 Dec 2015 05:44

Tgt Ion	128	Resp	208482
Ion Ratio	100	Lower	Upper
129	11.0	8.9	13.3
127	13.0	10.4	15.6

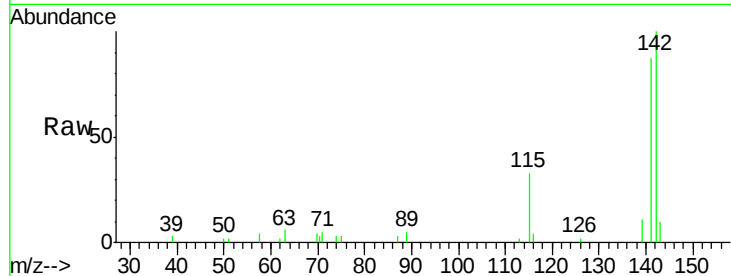




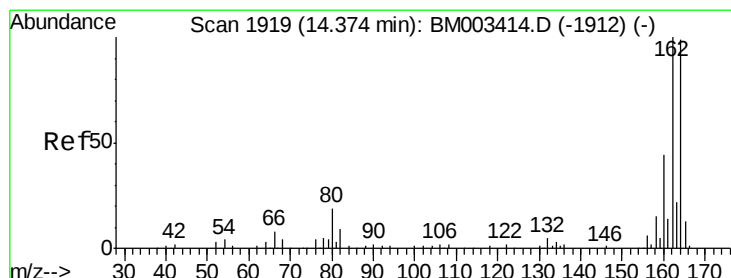
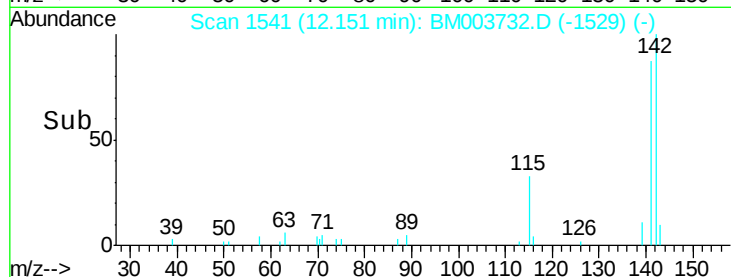
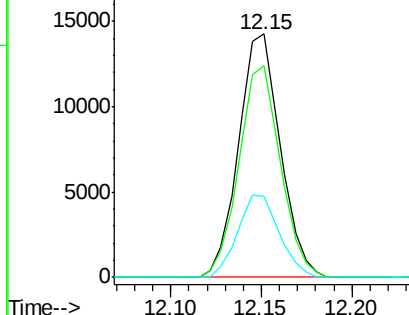
#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Instrument :
BNA_M
ClientSampleId :
LTCWC-02

Tot Ion:142 Resp: 22803
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9
115 33.1 25.4 38.0

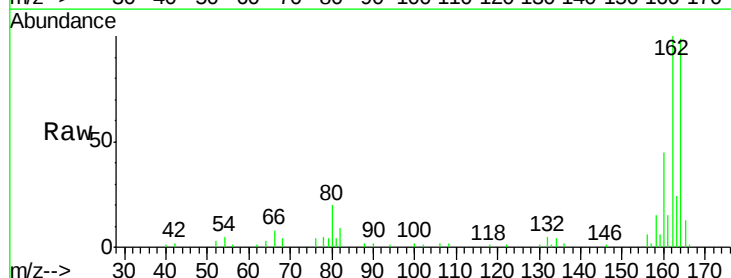


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

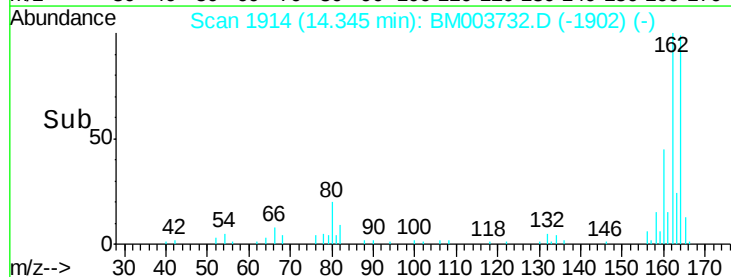
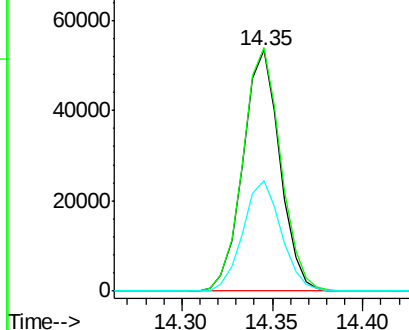


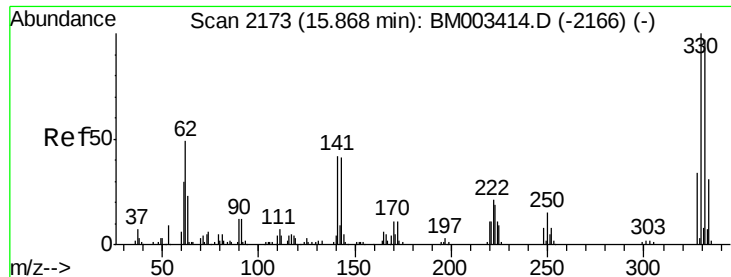
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003732.D
Acq: 23 Dec 2015 05:44

Tgt Ion:164 Resp: 75536
Ion Ratio Lower Upper
164 100
162 101.1 82.4 123.6
160 45.7 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

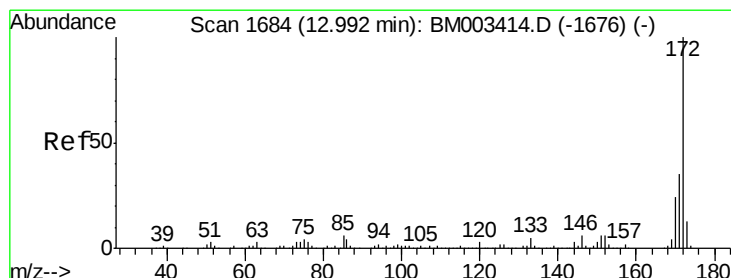
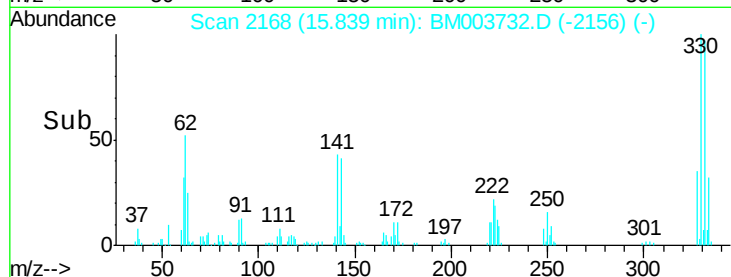
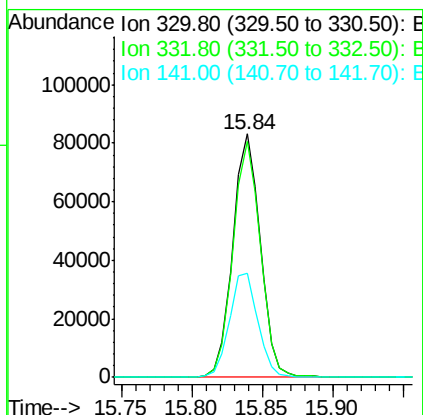
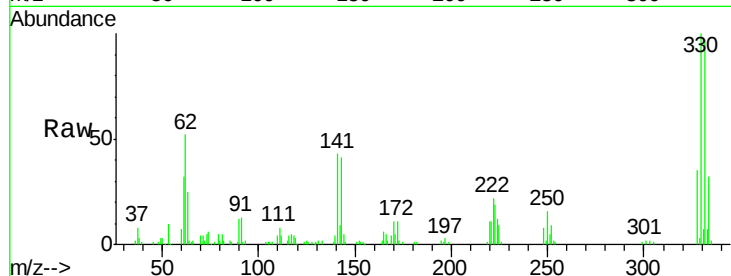




#41
 2,4,6-Tribromophenol
 Concen: 149.83 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003732.D
 Acq: 23 Dec 2015 05:44

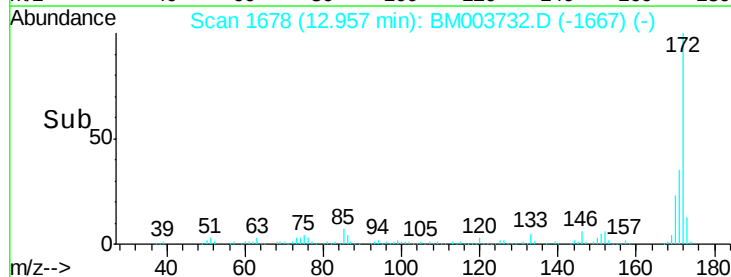
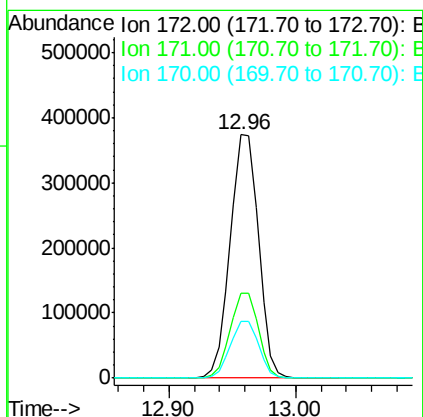
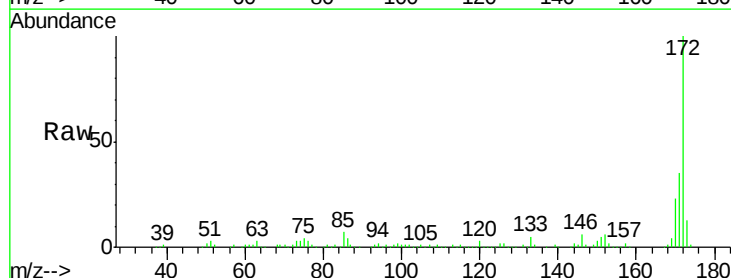
Instrument :
 BNA_M
 ClientSampled :
 LTCWC-02

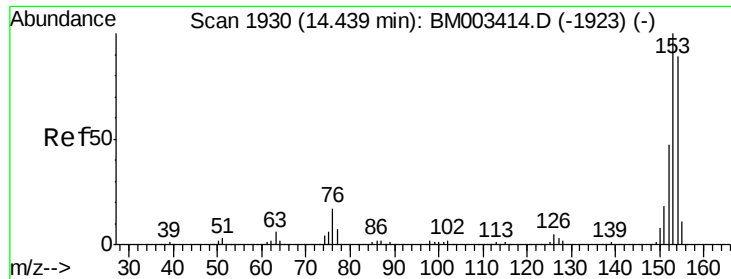
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	44.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 103.82 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003732.D
 Acq: 23 Dec 2015 05:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	18.8	28.2





#51

Acenaphthene

Concen: 6.42 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Instrument :

BNA_M

ClientSampleId :

LTCWC-02

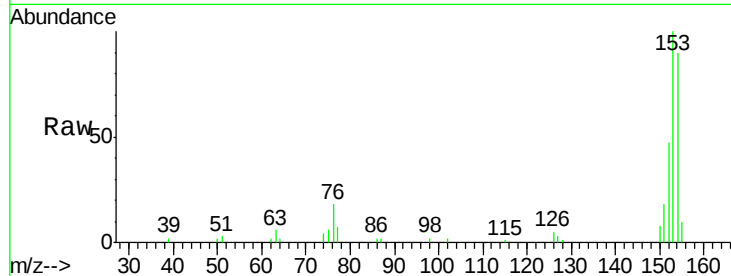
Tot Ion:154 Resp: 30539

Ion Ratio Lower Upper

154 100

153 111.3 90.0 135.0

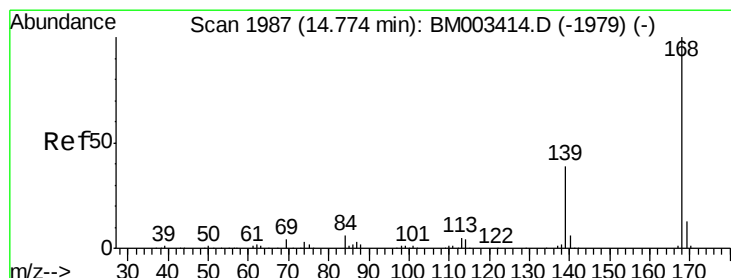
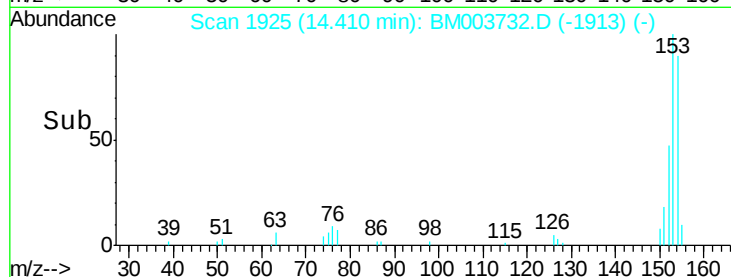
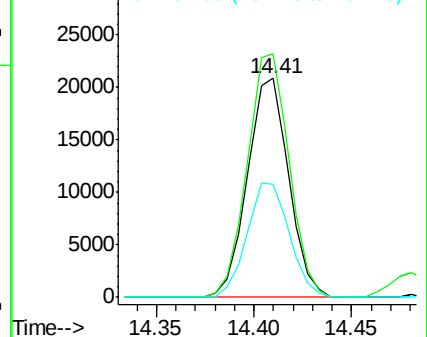
152 51.9 42.6 63.8



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: 3.63 ng

RT: 14.75 min Scan# 1982

Delta R.T. -0.03 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

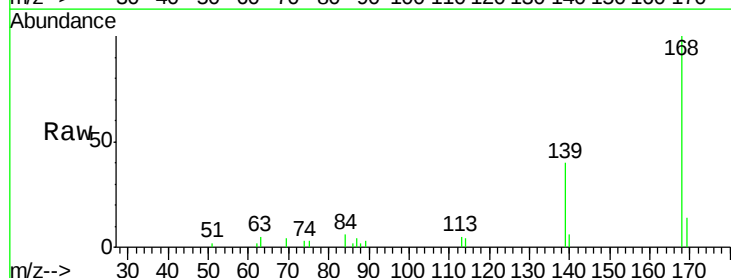
Tgt Ion:168 Resp: 24923

Ion Ratio Lower Upper

168 100

139 39.9 27.3 40.9

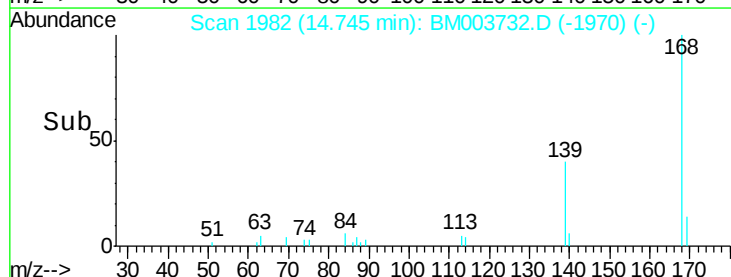
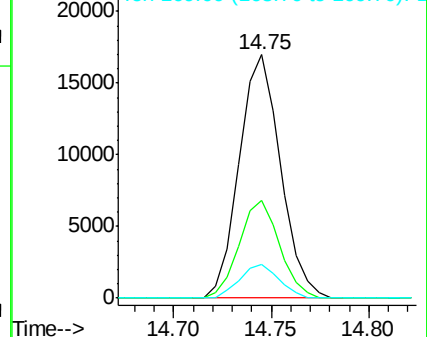
169 13.9 10.6 16.0

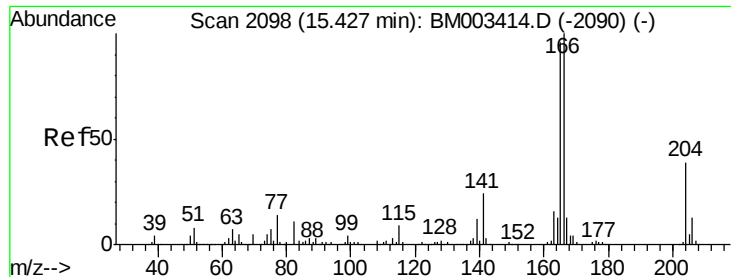


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 3.09 ng

RT: 15.39 min Scan# 2092

Delta R.T. -0.04 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Instrument :

BNA_M

ClientSampleId :

LTCWC-02

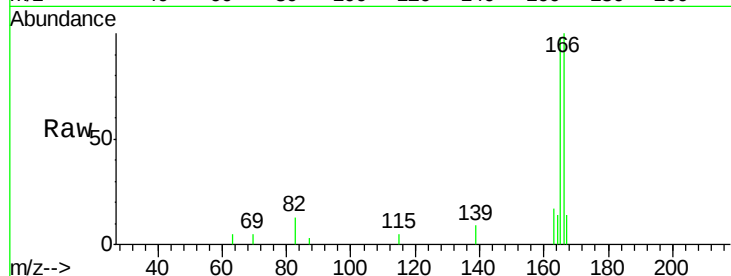
Tot Ion:166 Resp: 17611

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.4

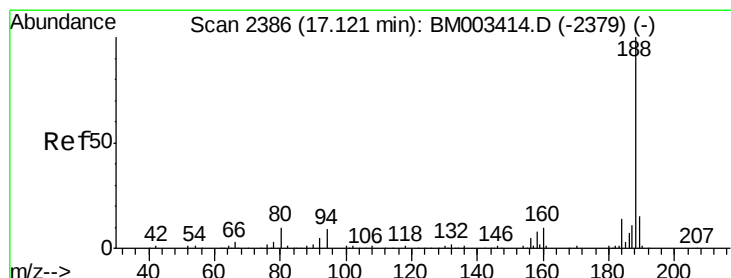
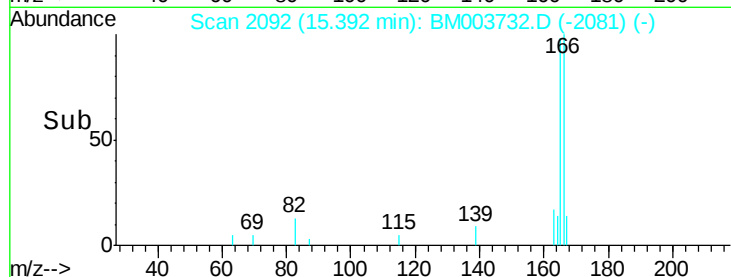
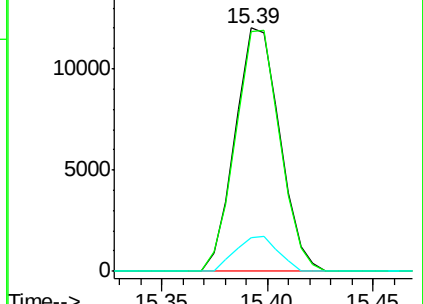
167 13.8 10.3 15.5



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: BM003732.D

Acq: 23 Dec 2015 05:44

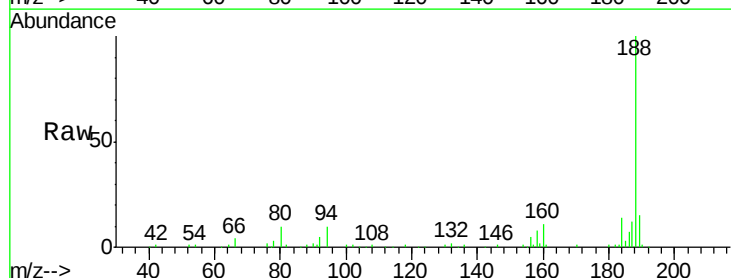
Tgt Ion:188 Resp: 158803

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

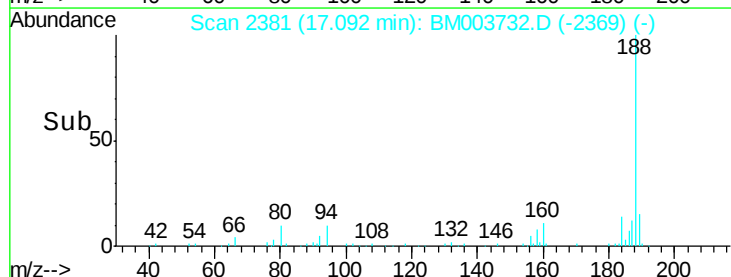
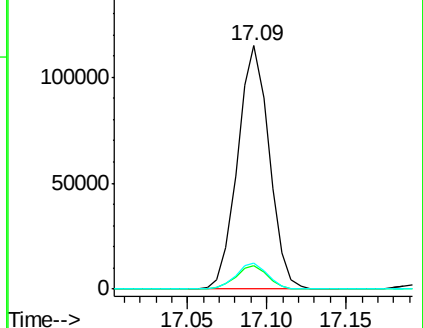
80 10.4 9.3 13.9

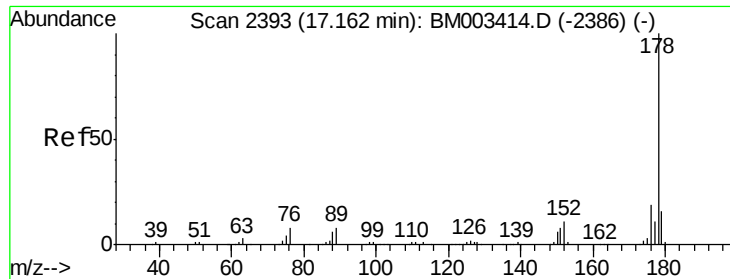


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#70

Phenanthrene

Concen: 4.30 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.03 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Instrument :

BNA_M

ClientSampleId :

LTCWC-02

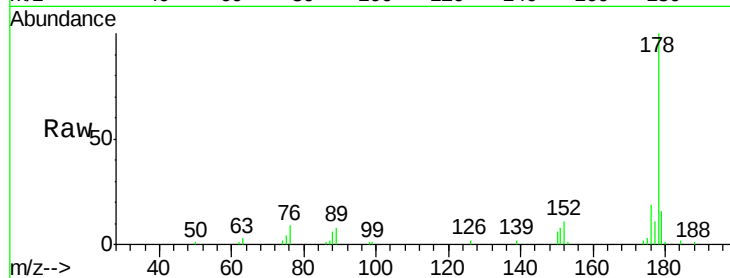
Tot Ion:178 Resp: 38303

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

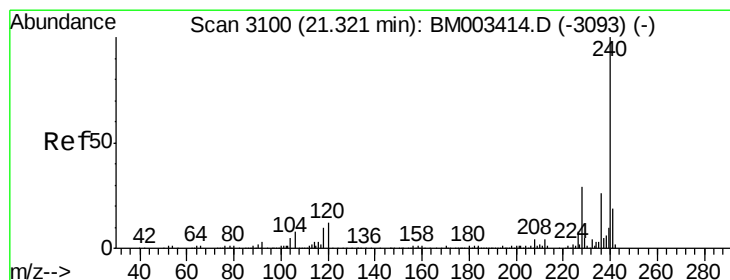
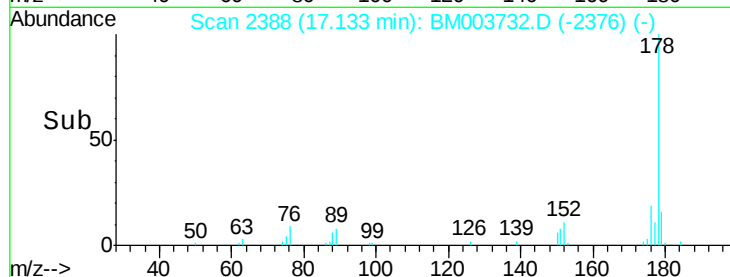
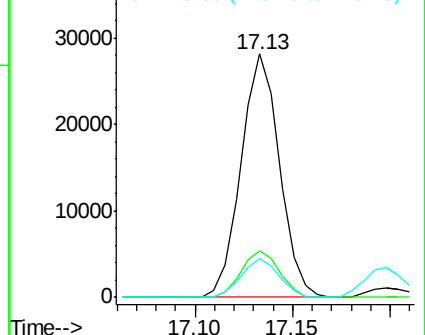
179 16.1 12.1 18.1



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: BM003732.D

Acq: 23 Dec 2015 05:44

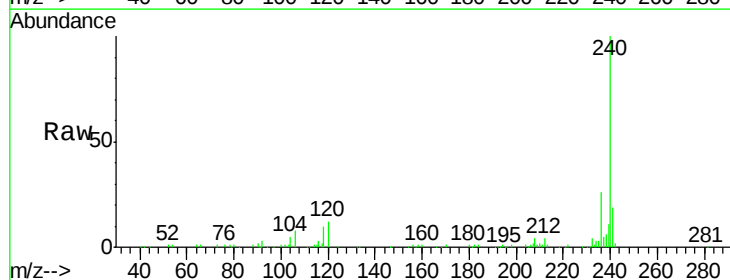
Tgt Ion:240 Resp: 170663

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

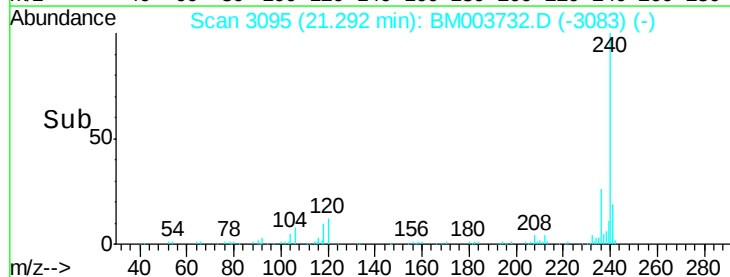
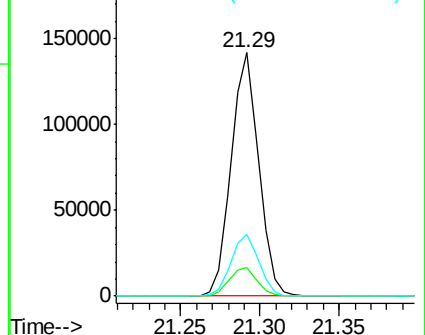
236 25.5 20.0 30.0

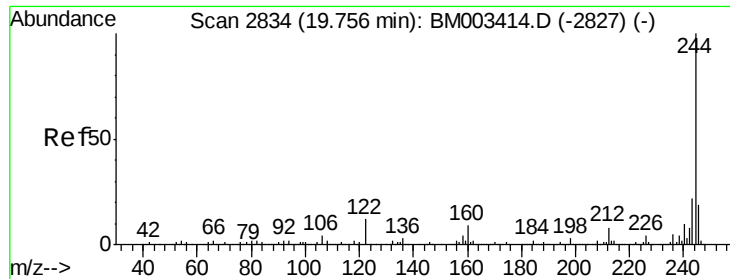


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.02 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

Instrument :

BNA_M

ClientSampleId :

LTCWC-02

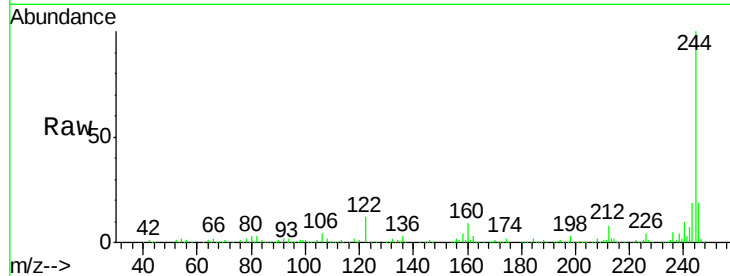
Tot Ion:244 Resp: 665889

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

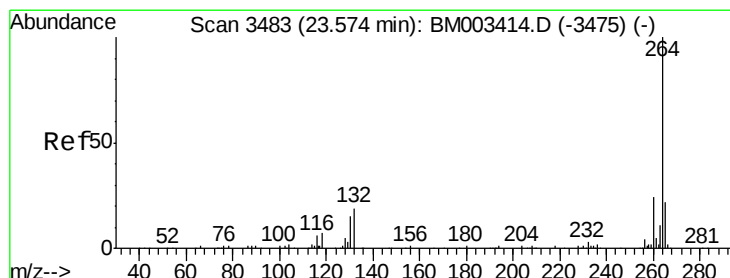
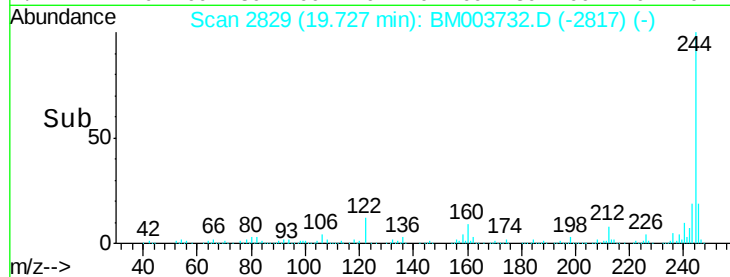
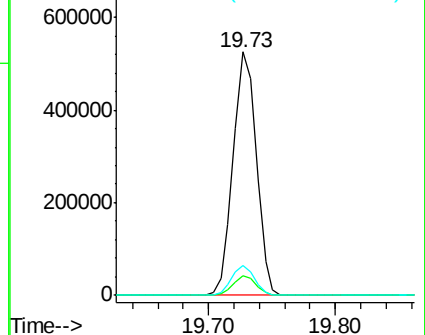
122 12.4 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.53 min Scan# 3476

Delta R.T. -0.04 min

Lab File: BM003732.D

Acq: 23 Dec 2015 05:44

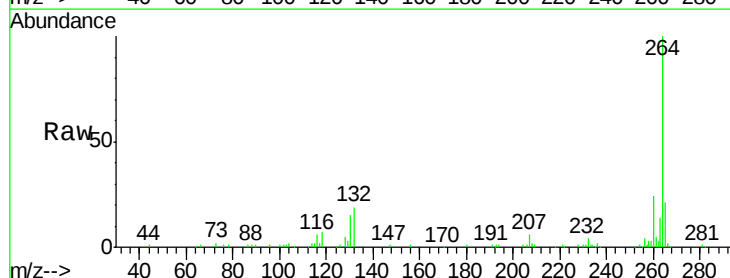
Tgt Ion:264 Resp: 170772

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.5 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

