

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009448.D
 Acq On : 30 Mar 2017 13:03
 Operator : SJ/MA
 Sample : I2437-03DL 25X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30D-GWDL

Quant Time: Mar 30 14:06:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

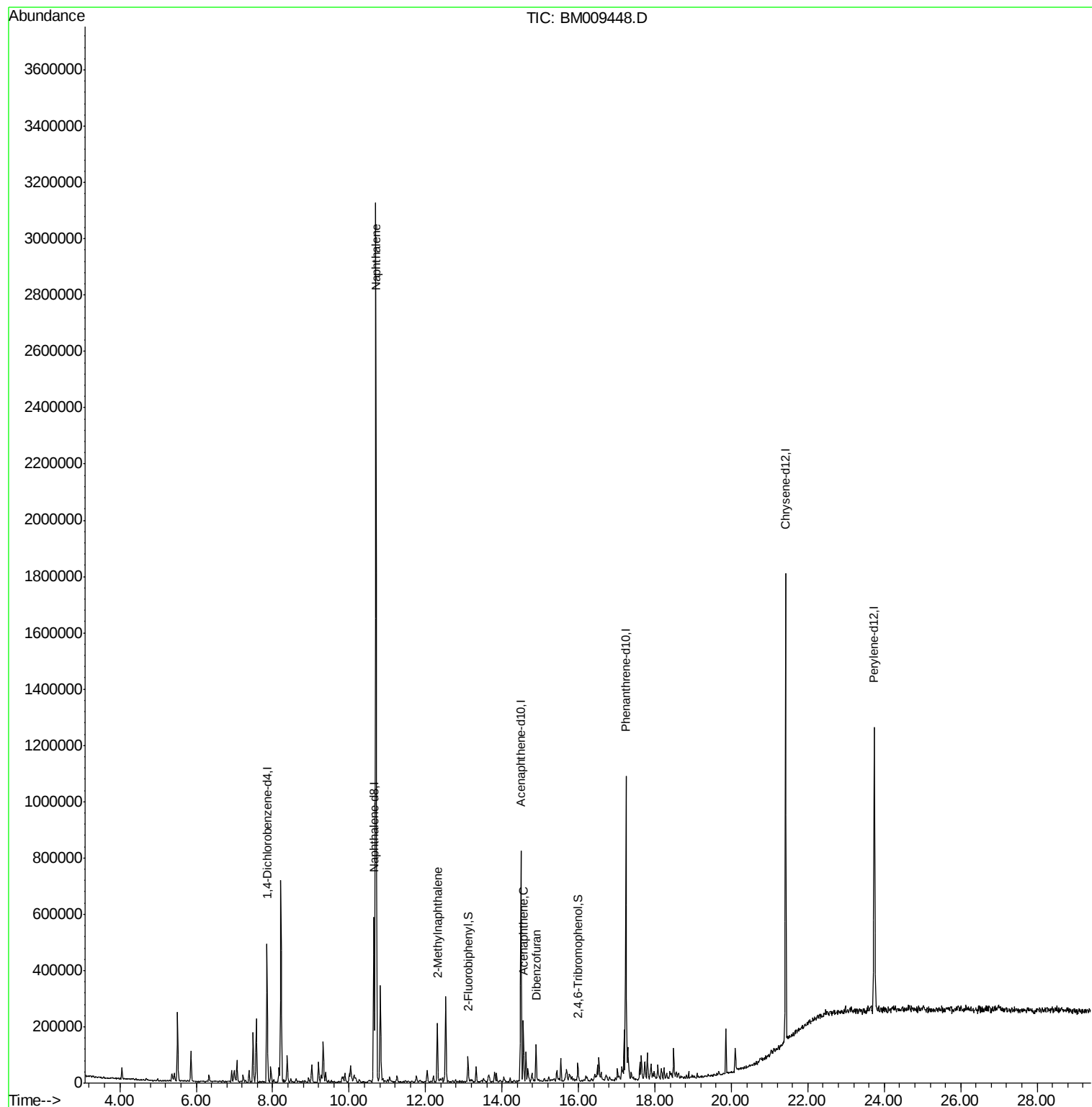
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108330	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	410764	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	234615	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	580831	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	780626	20.00	ng	-0.01
86) Perylene-d12	23.74	264	741755	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	8560	1.32	ng	0.00
7) Phenol-d6	7.01	99	7492	0.85	ng	-0.01
23) Nitrobenzene-d5	9.02	82	21849	1.99	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	6036	2.07	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	45377	2.33	ng	-0.01
78) Terphenyl-d14	19.86	244	64463	1.73	ng	-0.01
Target Compounds						
31) Naphthalene	10.70	128	2130336	97.71	ng	Qvalue 100
37) 2-Methylnaphthalene	12.31	142	80559	5.35	ng	# 92
51) Acenaphthene	14.56	154	64856	4.35	ng	92
54) Dibenzofuran	14.89	168	72154	3.27	ng	96

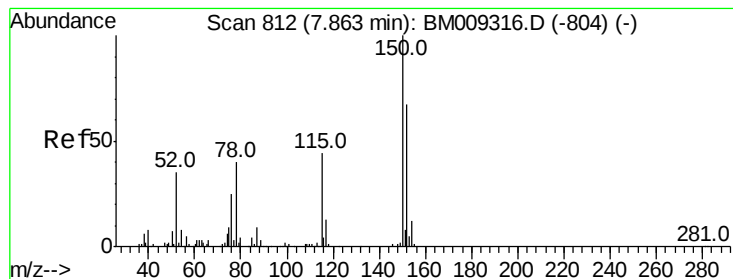
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

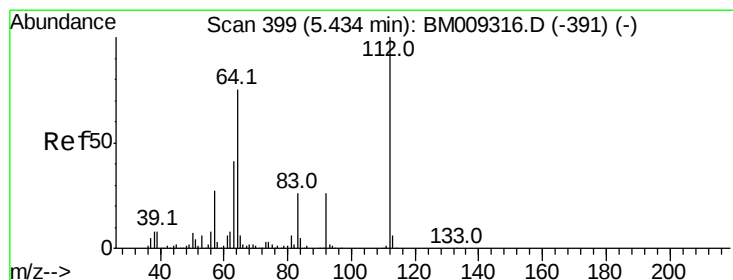
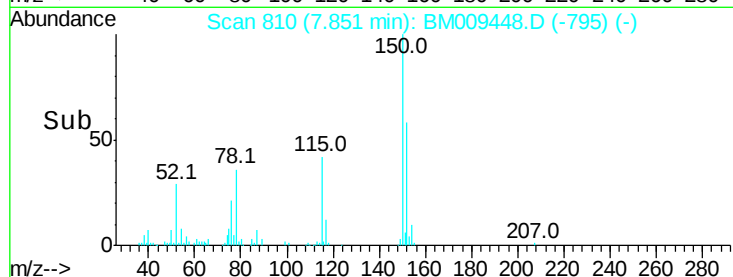
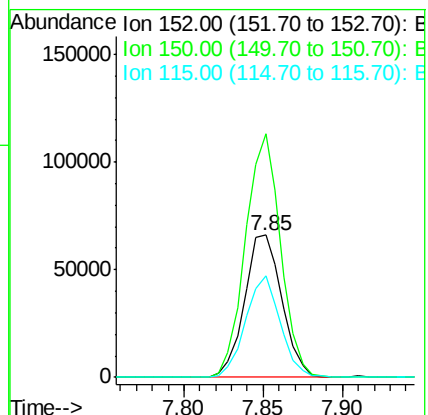
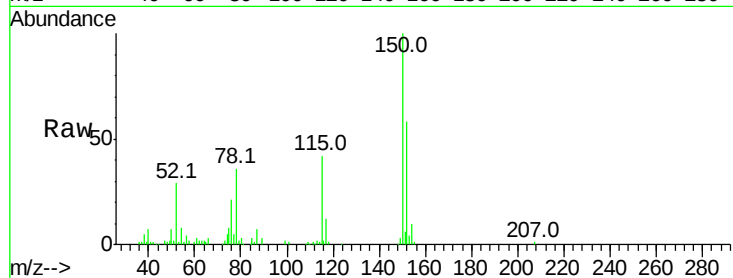
Tot Ion:152 Resp: 108330

Ion Ratio Lower Upper

152 100

150 171.3 119.5 179.3

115 71.6 43.0 64.4#



#5

2-Fluorophenol

Concen: 1.32 ng

RT: 5.43 min Scan# 398

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

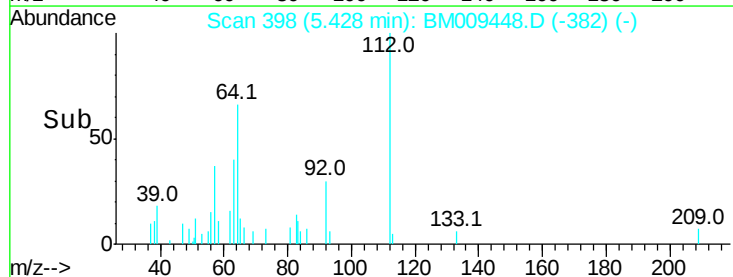
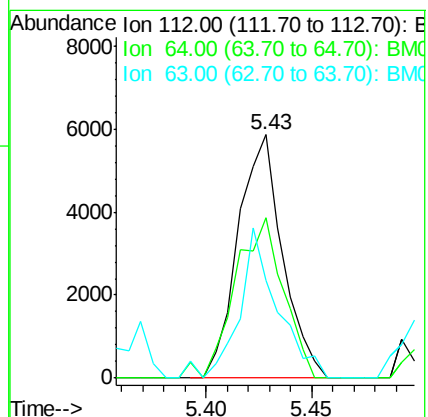
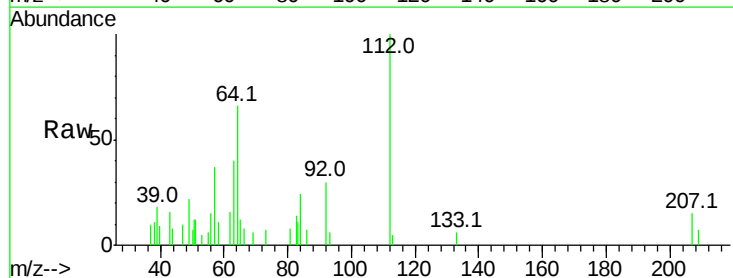
Tgt Ion:112 Resp: 8560

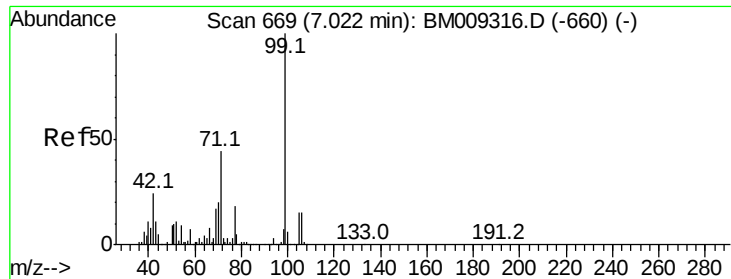
Ion Ratio Lower Upper

112 100

64 65.7 38.6 57.8#

63 40.0 19.3 28.9#





#7

Phenol-d6

Concen: 0.85 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

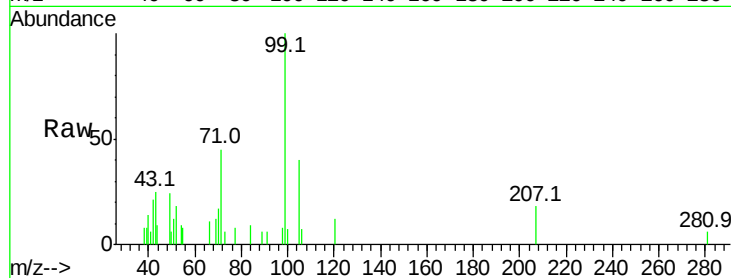
Tot Ion: 99 Resp: 7492

Ion Ratio Lower Upper

99 100

42 20.9 11.0 16.4#

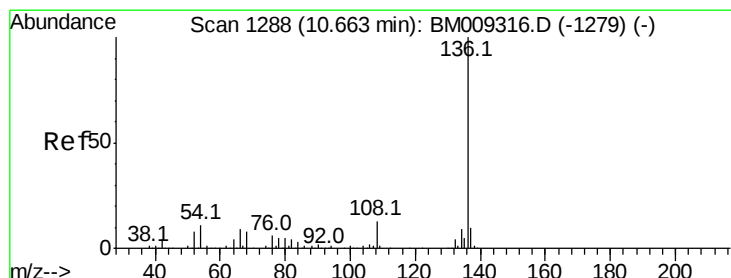
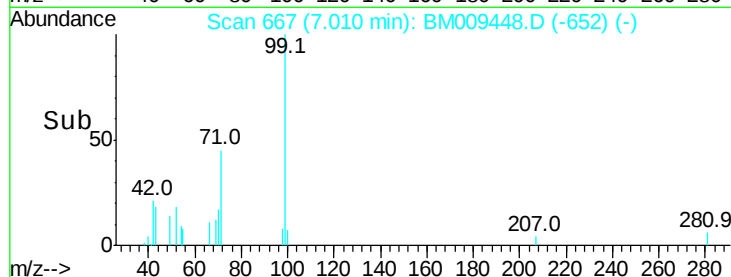
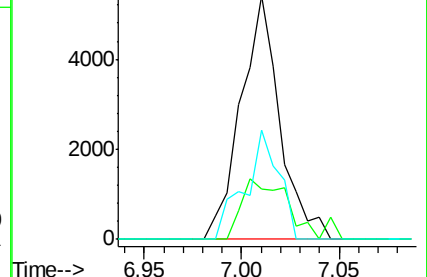
71 44.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009316.D (-660) (-)

Ion 42.00 (41.70 to 42.70): BM009316.D (-660) (-)

Ion 71.00 (70.70 to 71.70): BM009316.D (-660) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Tgt Ion: 136 Resp: 410764

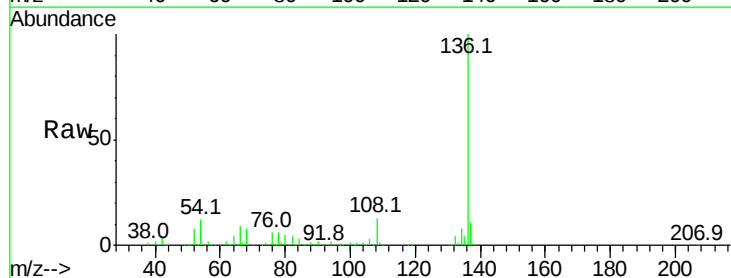
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 12.3 4.6 6.8#

68 8.0 3.7 5.5#

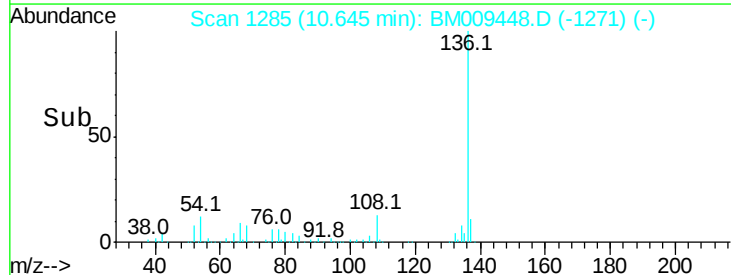
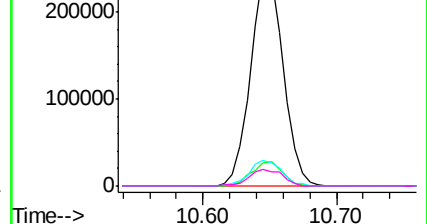


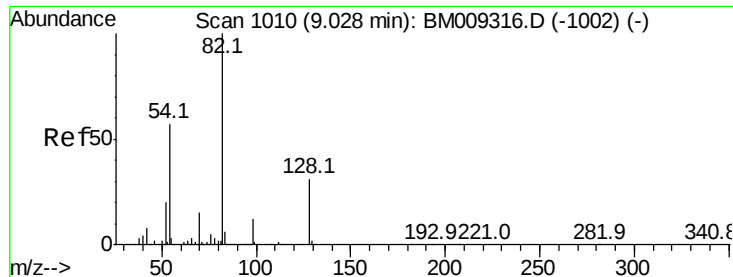
Abundance Ion 136.00 (135.70 to 136.70): BM009316.D (-1279) (-)

Ion 137.00 (136.70 to 137.70): BM009316.D (-1279) (-)

Ion 54.00 (53.70 to 54.70): BM009316.D (-1279) (-)

Ion 68.00 (67.70 to 68.70): BM009316.D (-1279) (-)





#23

Nitrobenzene-d5

Concen: 1.99 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

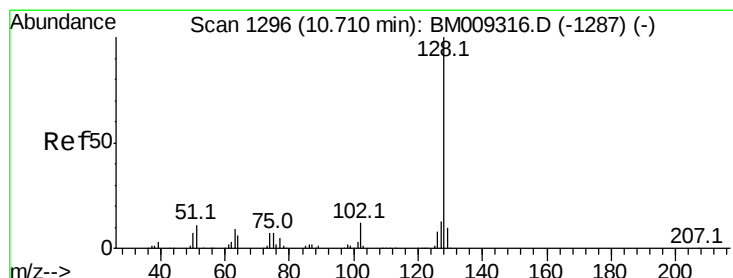
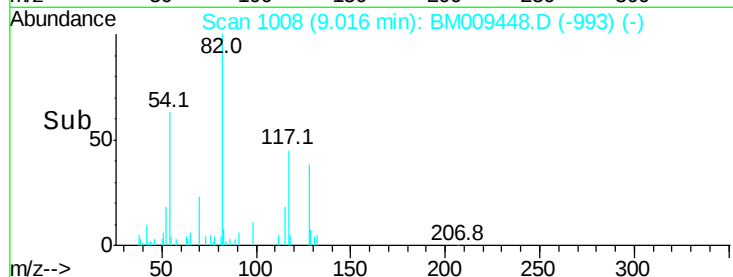
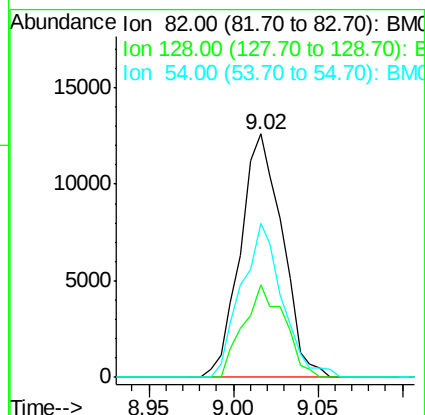
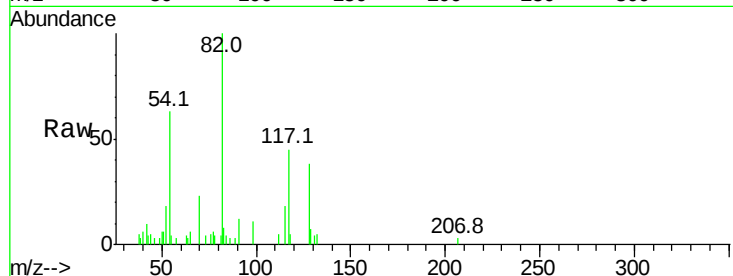
Tot Ion: 82 Resp: 21849

Ion Ratio Lower Upper

82 100

128 38.2 32.8 49.2

54 63.0 40.6 60.8#



#31

Naphthalene

Concen: 97.71 ng

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

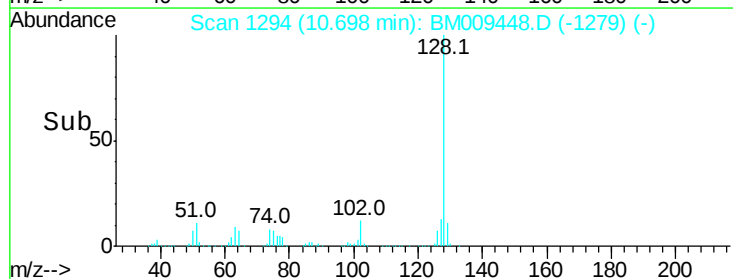
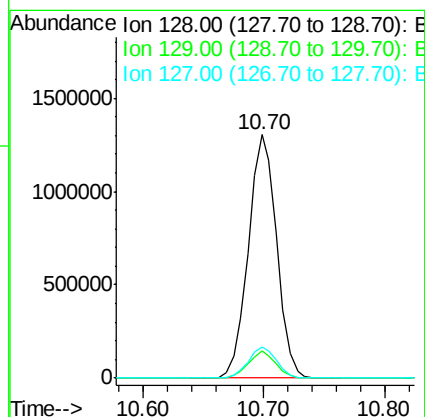
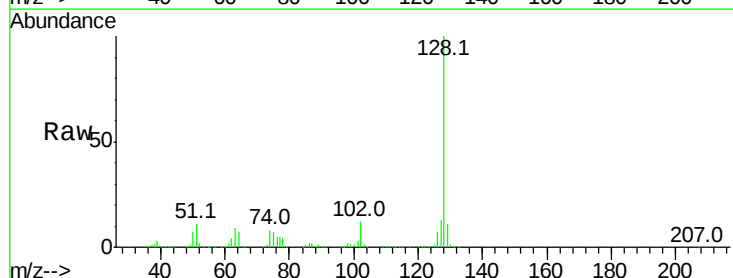
Tgt Ion: 128 Resp: 2130336

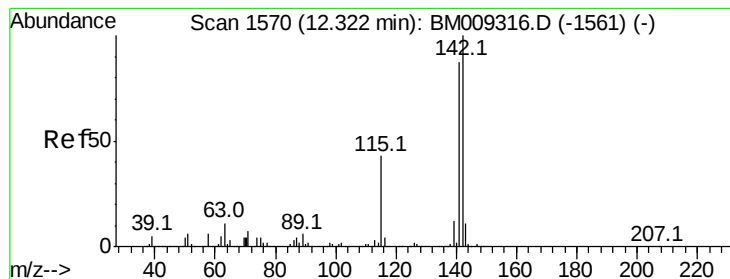
Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.0 10.4 15.6





#37

2-Methylnaphthalene

Concen: 5.35 ng

RT: 12.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

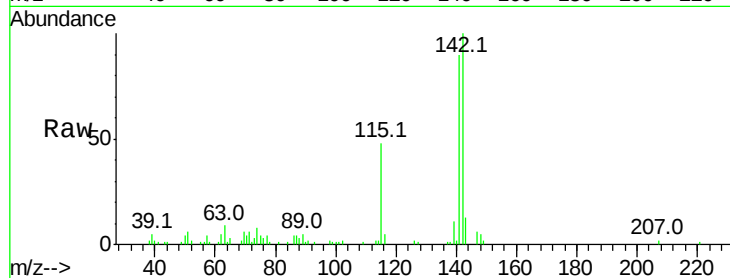
Tot Ion:142 Resp: 80559

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

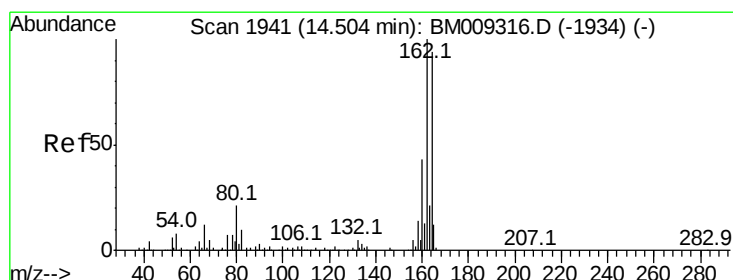
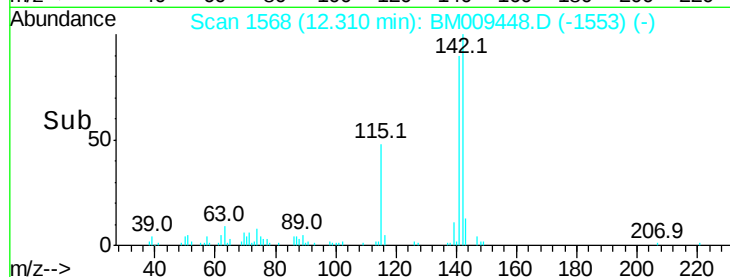
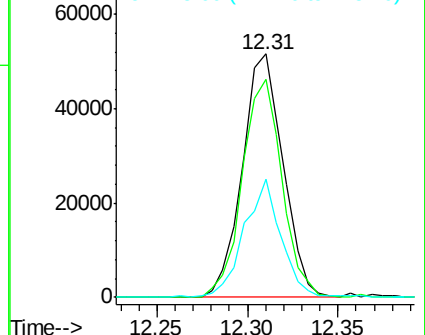
115 48.3 25.4 38.0#



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: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

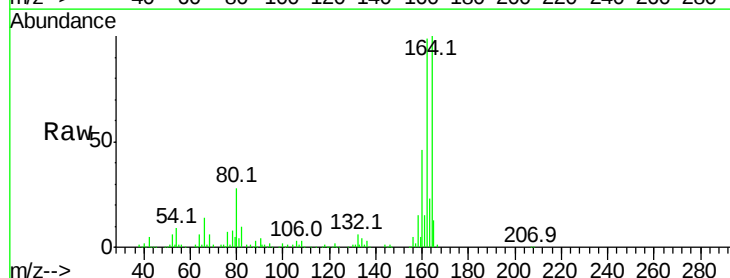
Tgt Ion:164 Resp: 234615

Ion Ratio Lower Upper

164 100

162 98.8 82.4 123.6

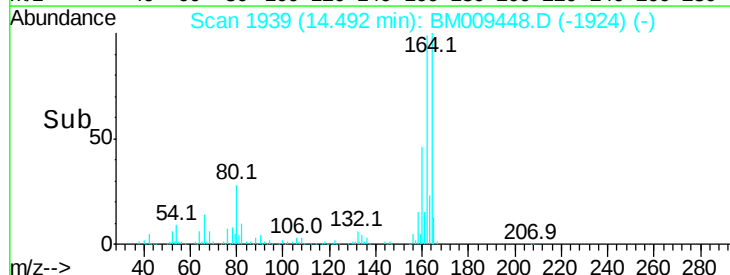
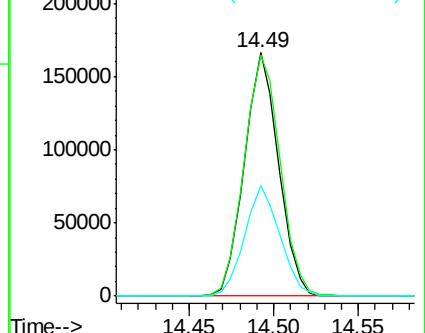
160 45.5 35.8 53.6

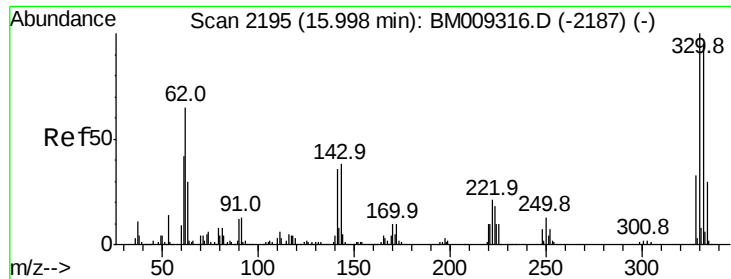


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

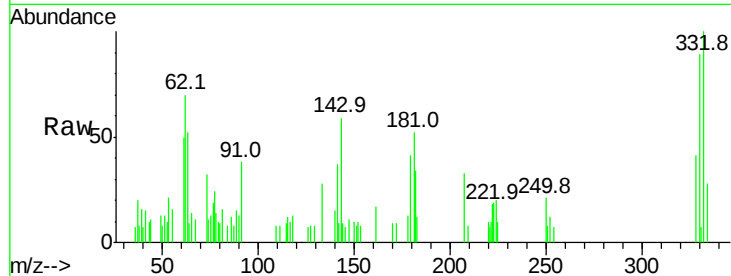




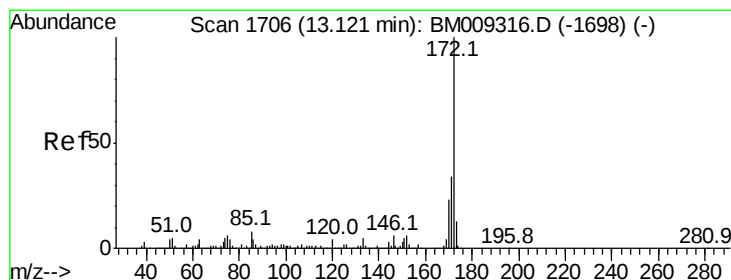
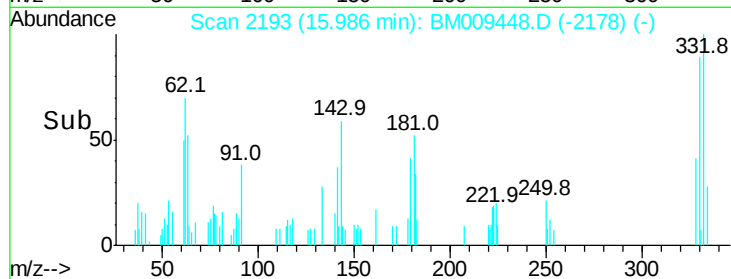
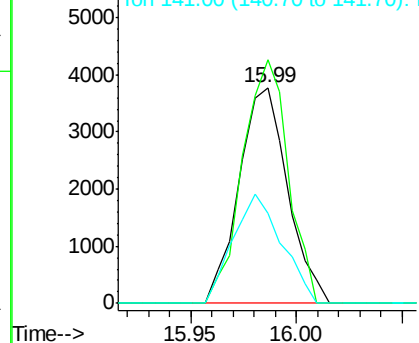
#41
 2,4,6-Tribromophenol
 Concen: 2.07 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009448.D
 Acq: 30 Mar 2017 13:03

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW30D-GWDL

Tot Ion:330 Resp: 6036
 Ion Ratio Lower Upper
 330 100
 332 105.8 0.0 0.0#
 141 50.4 0.0 0.0#

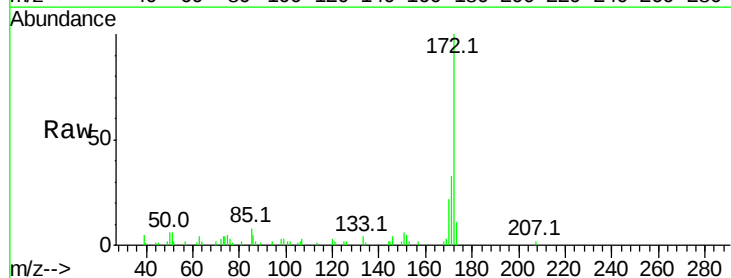


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

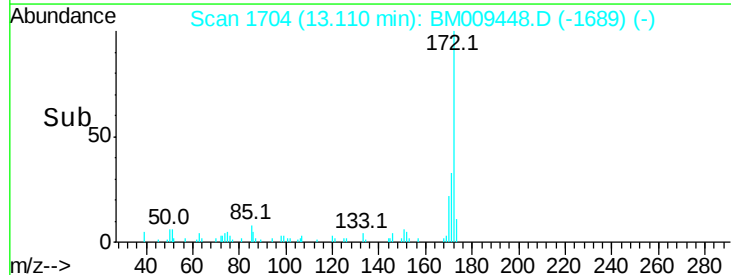
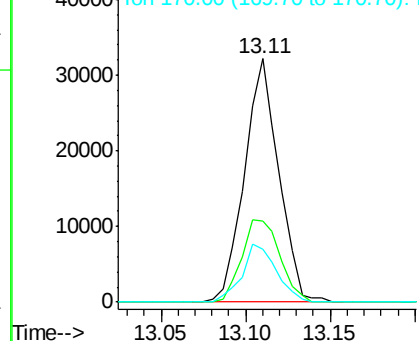


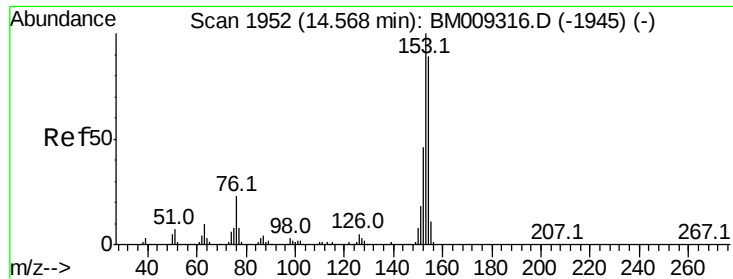
#44
 2-Fluorobiphenyl
 Concen: 2.33 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009448.D
 Acq: 30 Mar 2017 13:03

Tgt Ion:172 Resp: 45377
 Ion Ratio Lower Upper
 172 100
 171 33.5 28.5 42.7
 170 21.6 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





#51

Acenaphthene

Concen: 4.35 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

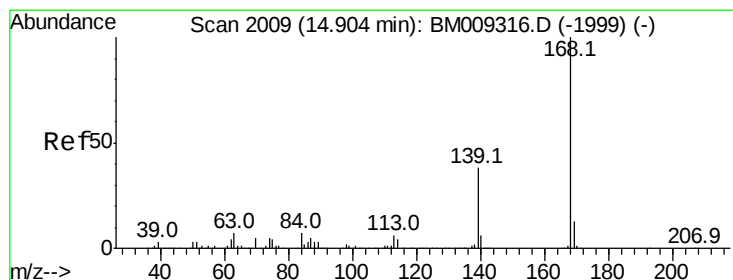
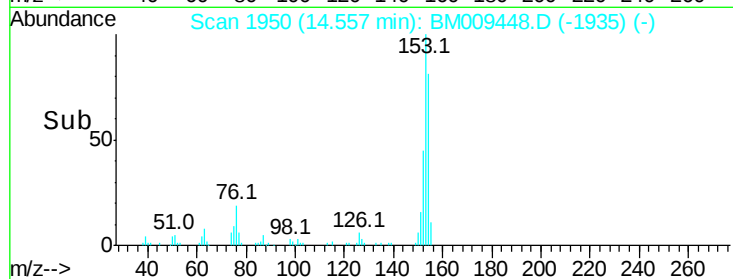
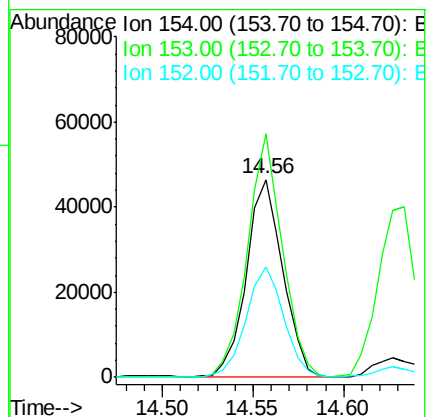
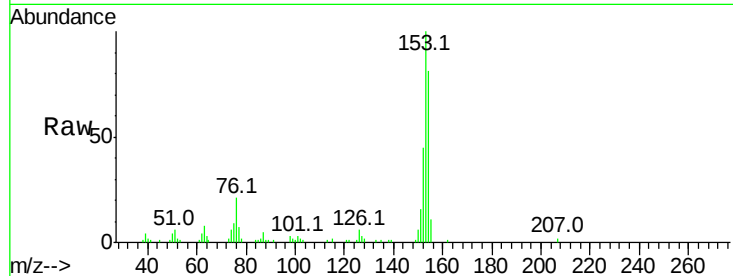
BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

Tot Ion:154 Resp: 64856

Ion	Ratio	Lower	Upper
154	100		
153	123.1	90.0	135.0
152	55.6	42.6	63.8



#54

Dibenzofuran

Concen: 3.27 ng

RT: 14.89 min Scan# 2007

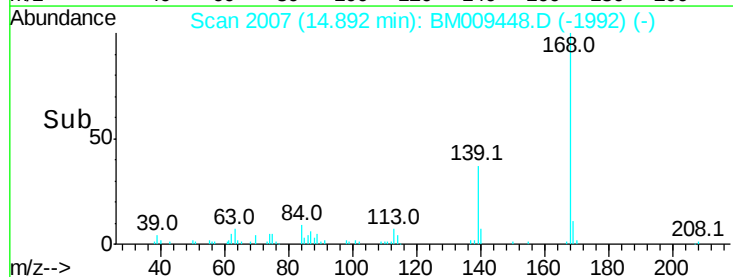
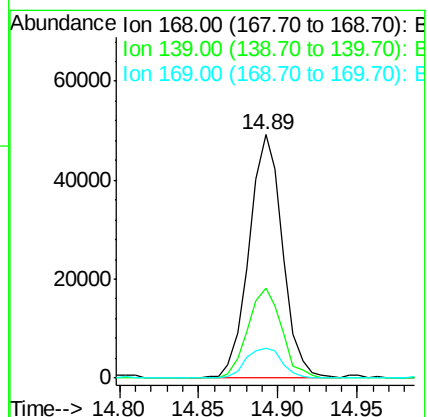
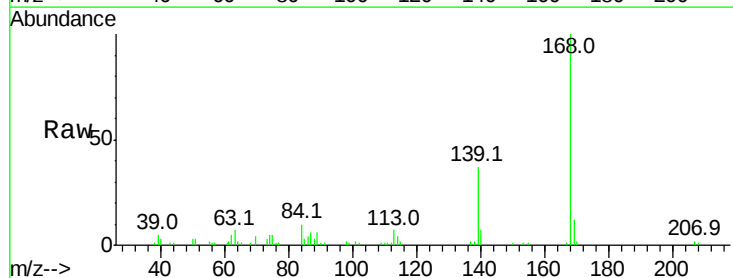
Delta R.T. -0.01 min

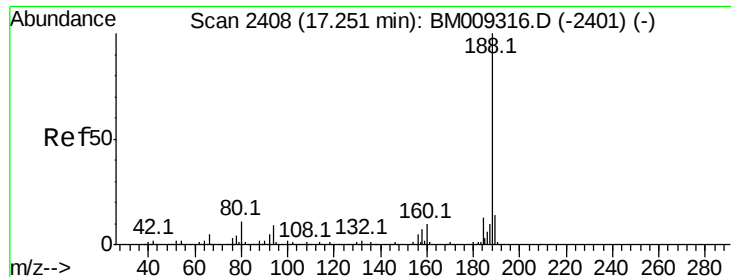
Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Tgt Ion:168 Resp: 72154

Ion	Ratio	Lower	Upper
168	100		
139	36.9	27.3	40.9
169	12.1	10.6	16.0

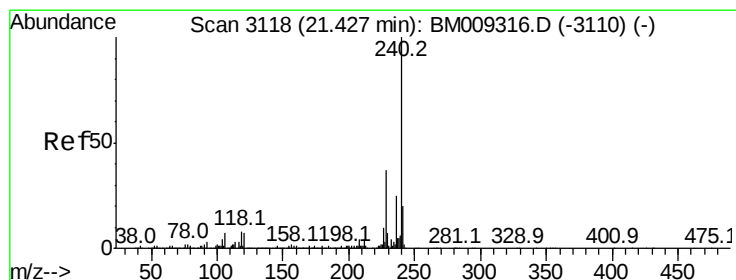
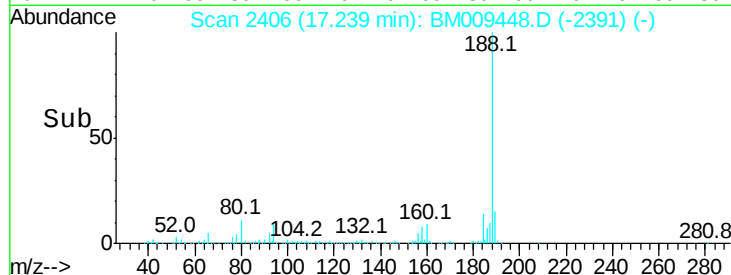
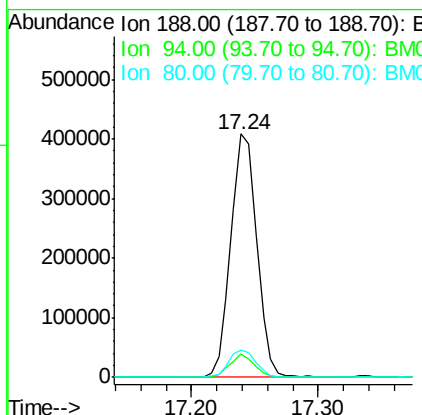
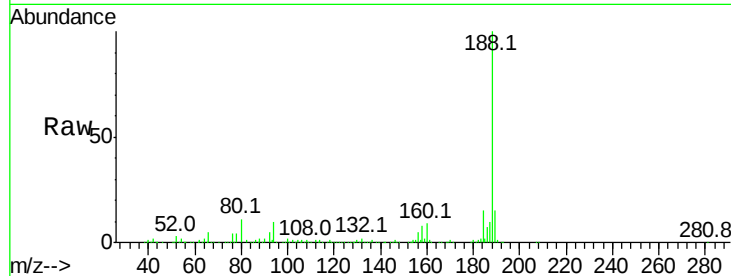




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009448.D
Acq: 30 Mar 2017 13:03

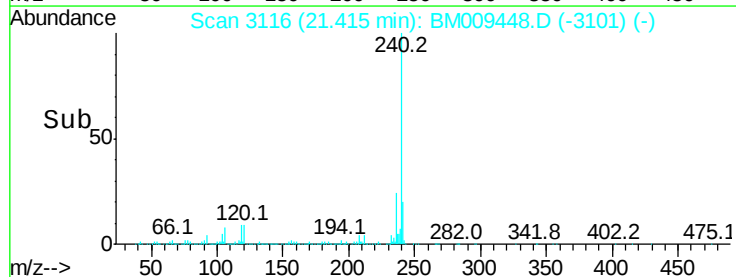
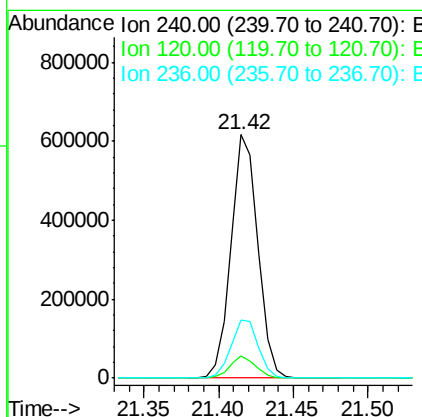
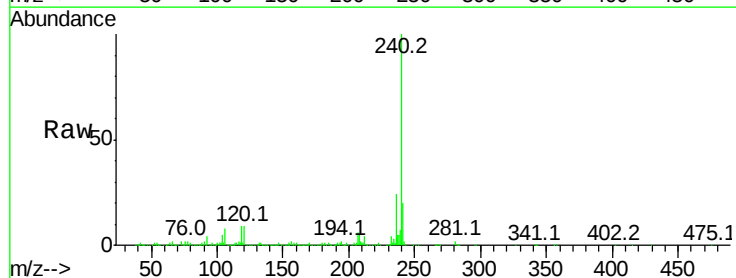
Instrument :
BNA_M
ClientSampleId :
QNWP8-MW30D-GWDL

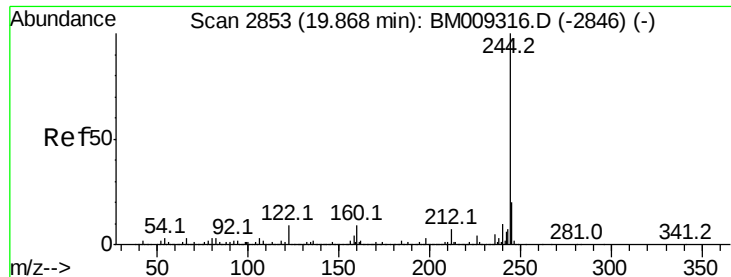
Tot Ion:188 Resp: 580831
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 11.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009448.D
Acq: 30 Mar 2017 13:03

Tgt Ion:240 Resp: 780626
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 23.8 20.0 30.0





#78

Terphenyl-d14

Concen: 1.73 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW30D-GWDL

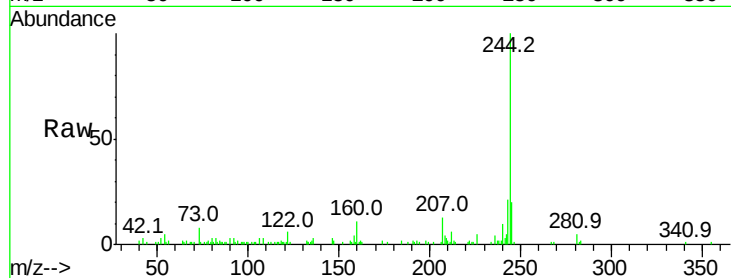
Tot Ion:244 Resp: 64463

Ion Ratio Lower Upper

244 100

212 5.9 4.9 7.3

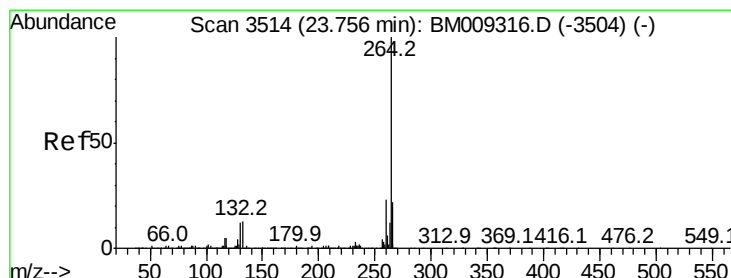
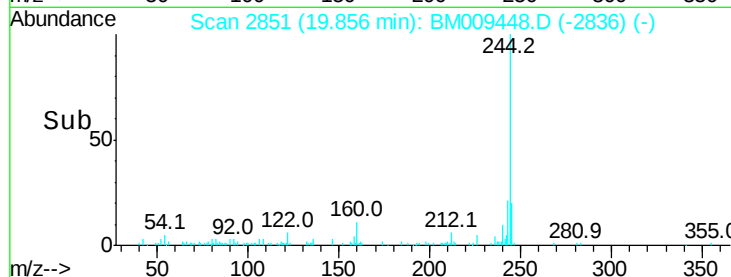
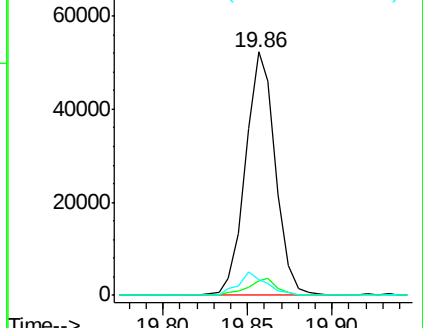
122 6.5 6.2 9.4



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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009448.D

Acq: 30 Mar 2017 13:03

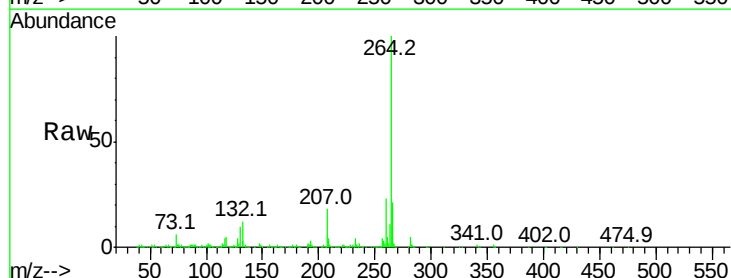
Tgt Ion:264 Resp: 741755

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 20.9 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

