

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
 Data File : BM000798.D
 Acq On : 01 Apr 2015 23:31
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-0.1PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2015-01

Manual Integrations
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Quant Time: Apr 02 02:49:07 2015

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 01 04:17:30 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	28475	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	96164	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	46525	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	102130	5.00	ng	0.00
19) Chrysene-d12	21.21	240	82585	5.00	ng	0.00
25) Perylene-d12	23.40	264	76228	5.00	ng	0.00

System Monitoring Compounds

5) Nitrobenzene-d5	8.77	82	42405	7.20	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	132077	9.15	ng	0.00
21) Terphenyl-d14	19.66	244	100468	10.11	ng	0.00

Target Compounds

						Qvalue
6) Naphthalene	10.45	128	1322	0.06	ng	# 86
7) 2-Methylnaphthalene	12.08	142	821m	0.06	ng	
10) Acenaphthylene	13.98	152	1012	0.05	ng	98
11) Acenaphthene	14.33	154	780	0.05	ng	96
12) Fluorene	15.34	166	930	0.06	ng	100
14) Hexachlorobenzene	16.33	284	346	0.06	ng	# 93
16) Phenanthrene	17.05	178	1694m	0.06	ng	
17) Anthracene	17.15	178	1286	0.05	ng	99
18) Fluoranthene	19.09	202	1559	0.06	ng	100
20) Pyrene	19.45	202	1588	0.06	ng	99
22) Benzo(a)anthracene	21.19	228	1505	0.06	ng	# 89
23) Chrysene	21.24	228	1662	0.07	ng	# 96
24) Indeno(1,2,3-cd)pyrene	25.58	276	1499	0.06	ng	97
26) Benzo(b)fluoranthene	22.74	252	1409	0.06	ng	# 65
27) Benzo(k)fluoranthene	22.79	252	1347	0.06	ng	# 61
28) Benzo(a)pyrene	23.30	252	1283	0.06	ng	# 56
29) Dibenzo(a,h)anthracene	25.60	278	1186	0.06	ng	# 63
30) Benzo(g,h,i)perylene	26.25	276	1397	0.06	ng	# 84

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

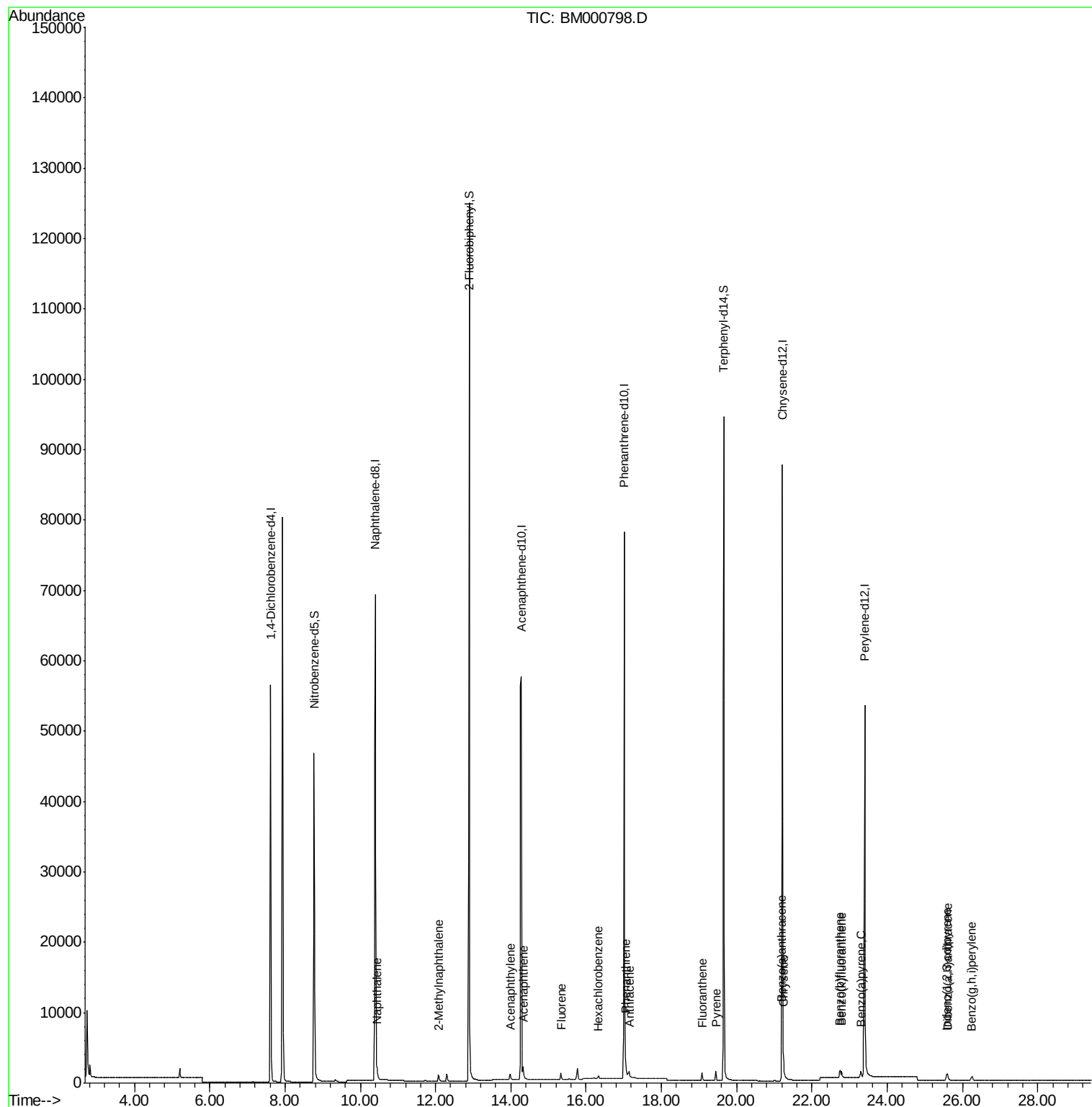
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000798.D
Acq On : 01 Apr 2015 23:31
Operator : TP/IZ
Sample : G1614-05
Misc : LOD-WATER-0.1PPM
ALS Vial : 14 Sample Multiplier: 1

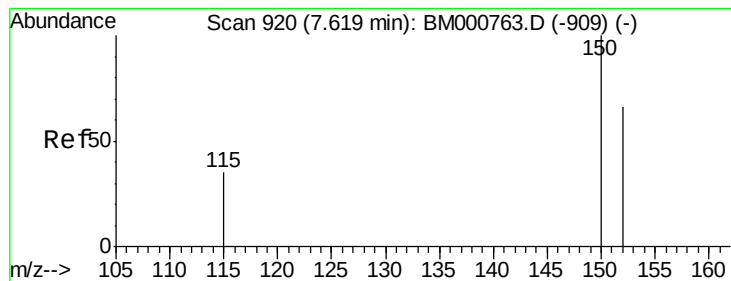
Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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Quant Time: Apr 02 02:49:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM033115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 04:17:30 2015
Response via : Initial Calibration





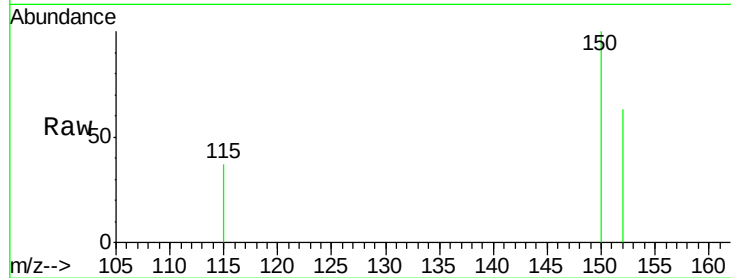
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BM000798.D
 Acq: 01 Apr 2015 23:31

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2015-01

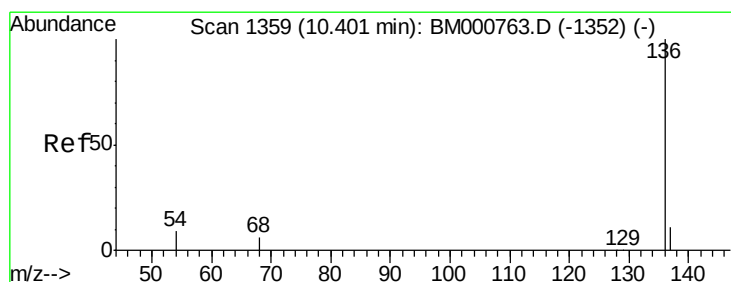
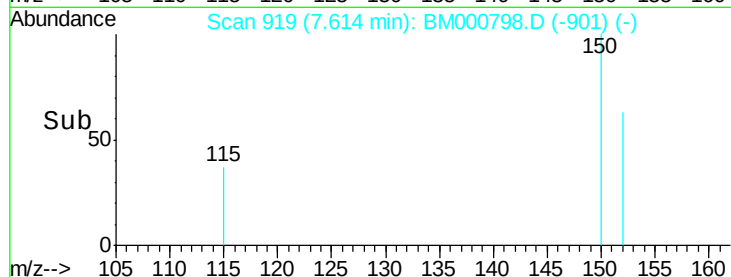
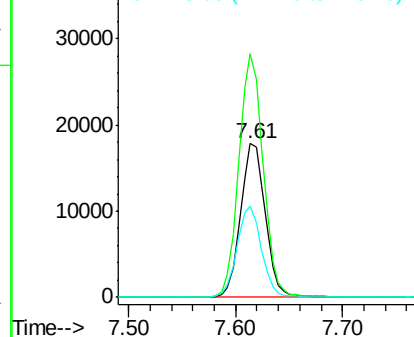
Tgt Ion:152 Resp: 28475
 Ion Ratio Lower Upper
 152 100
 150 158.5 120.8 181.2
 115 59.2 42.7 64.1

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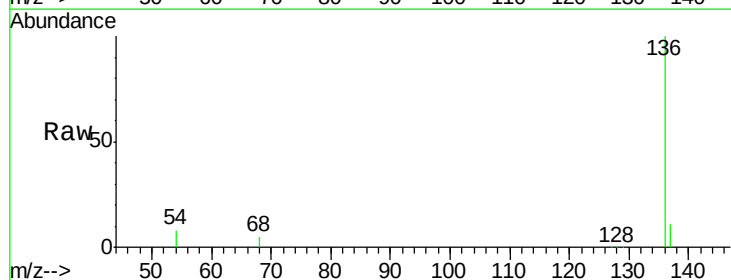


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

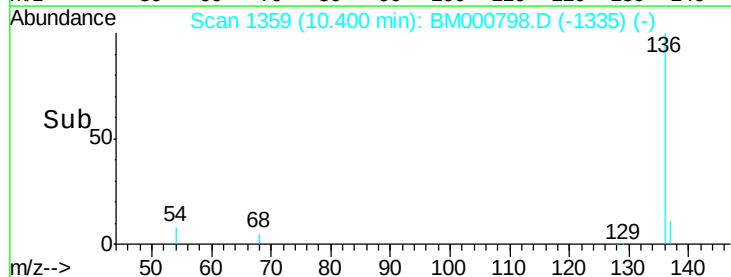
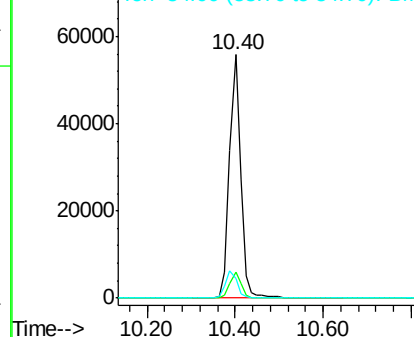


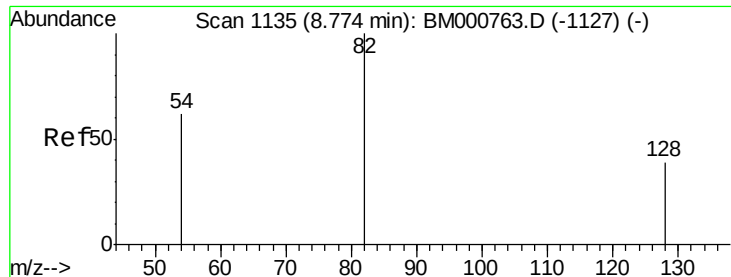
#4
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 10.40 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BM000798.D
 Acq: 01 Apr 2015 23:31

Tgt Ion:136 Resp: 96164
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.6 12.8
 54 7.8 7.0 10.6



Abundance Ion 136.00 (135.70 to 136.70): E
 Ion 137.00 (136.70 to 137.70): E
 Ion 54.00 (53.70 to 54.70): BM





#5

Nitrobenzene-d5

Concen: 7.20 ng

RT: 8.77 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM000798.D

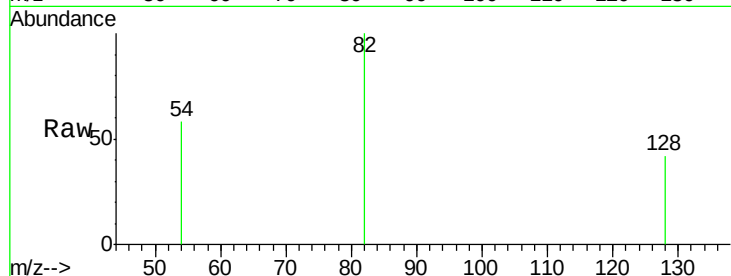
Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

ClientSampleId :

LOD-WATER2015-01



Tgt Ion: 82 Resp: 42405

Ion Ratio Lower Upper

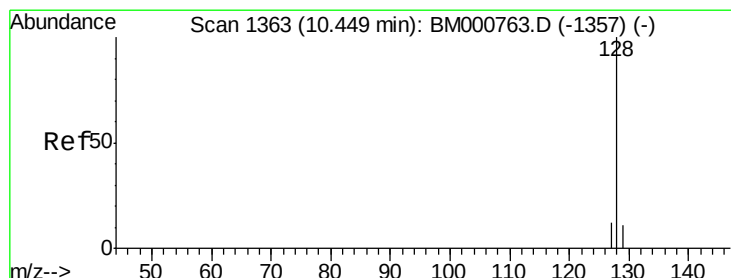
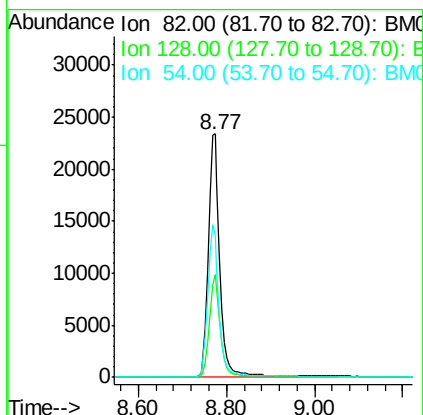
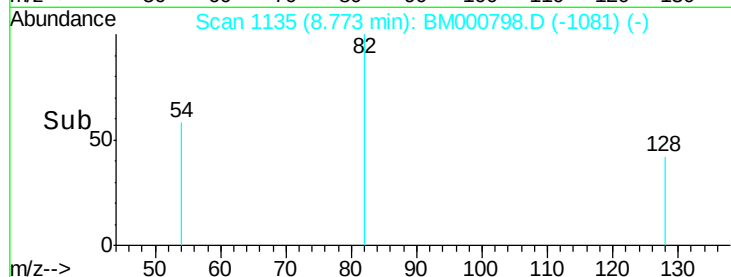
82 100

128 42.1 32.2 48.2

54 58.2 50.2 75.4

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#6

Naphthalene

Concen: 0.06 ng

RT: 10.45 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

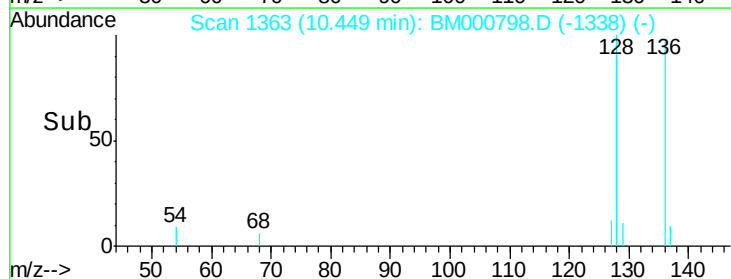
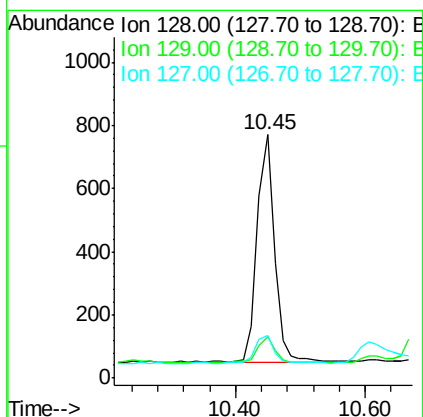
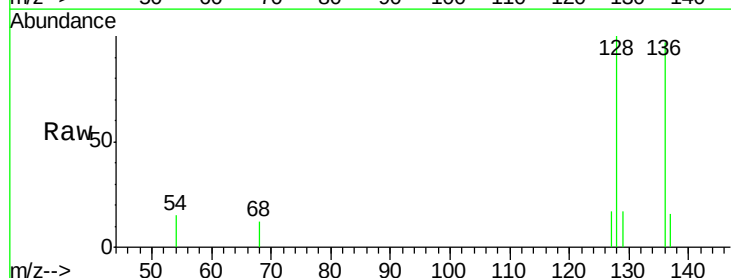
Tgt Ion: 128 Resp: 1322

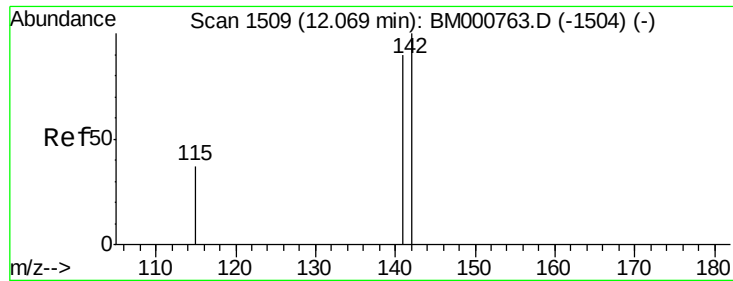
Ion Ratio Lower Upper

128 100

129 16.9 8.9 13.3#

127 17.4 10.0 15.0#





#7

2-Methylnaphthalene

Concen: 0.06 ng m

RT: 12.08 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM000798.D

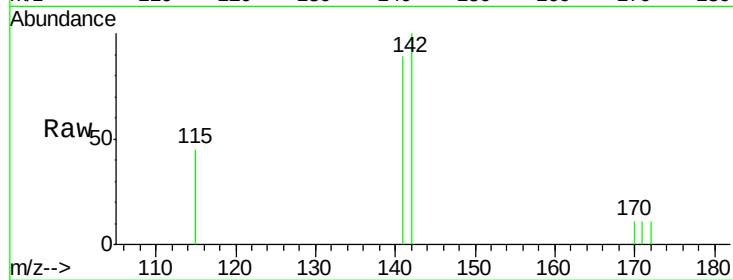
Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

ClientSampleId :

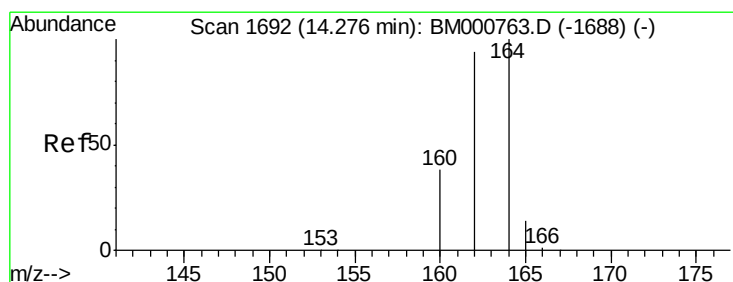
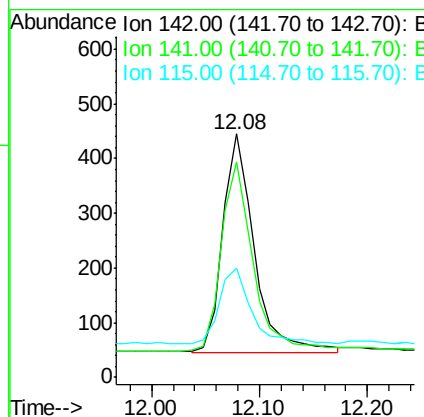
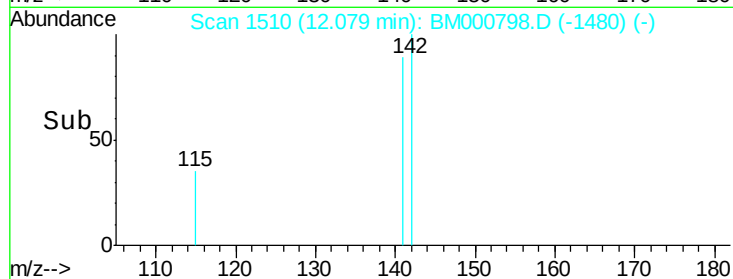
LOD-WATER2015-01



Tgt Ion:	142	Resp:	821
Ion Ratio	Lower	Upper	
142	100		
141	88.5	72.3	108.5
115	45.2	29.5	44.3#

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#8

Acenaphthene-d10

Concen: 5.00 ng

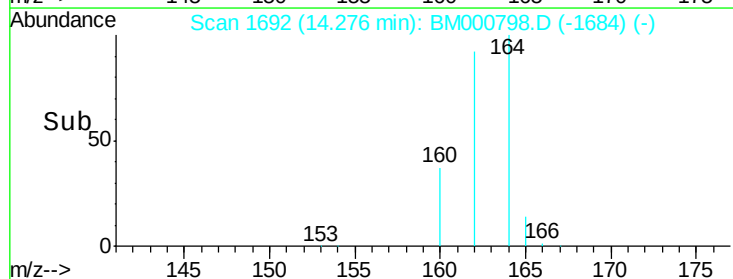
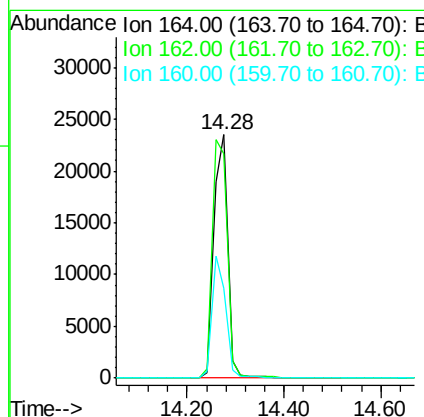
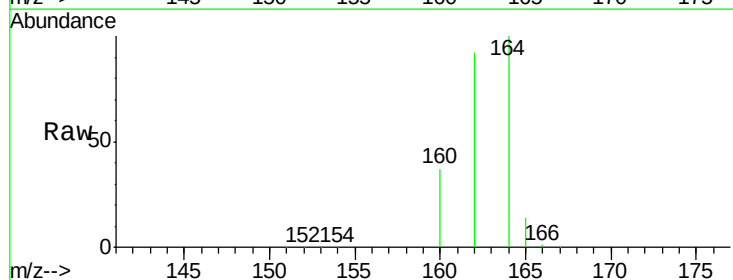
RT: 14.28 min Scan# 1692

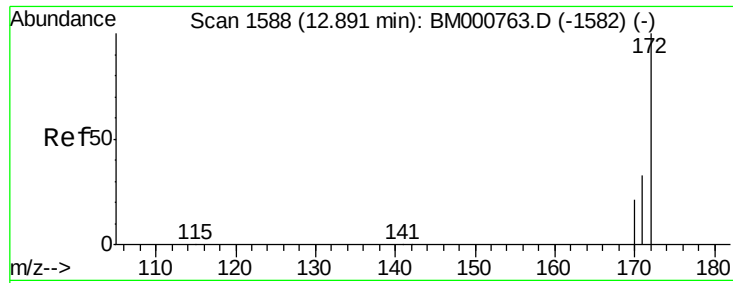
Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Tgt Ion:	164	Resp:	46525
Ion Ratio	Lower	Upper	
164	100		
162	92.0	75.4	113.2
160	36.9	30.8	46.2





#9

2-Fluorobiphenyl

Concen: 9.15 ng

RT: 12.89 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

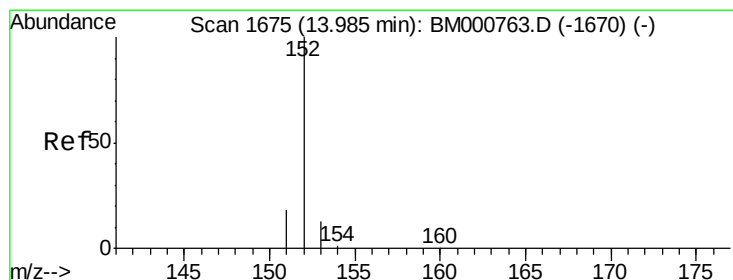
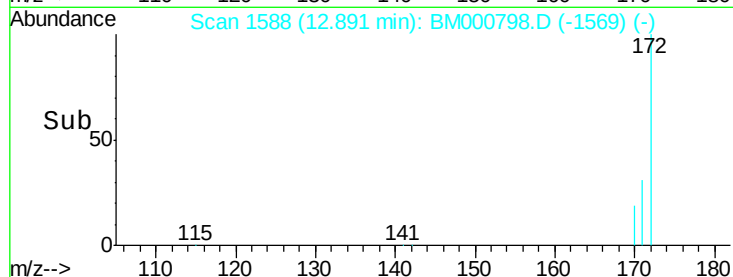
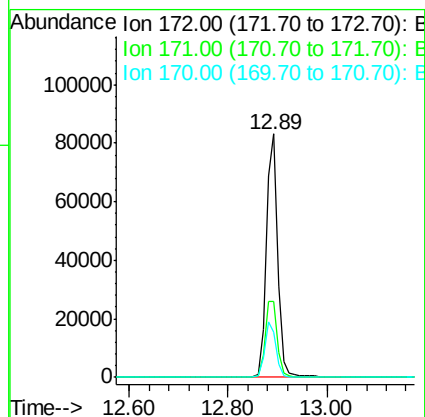
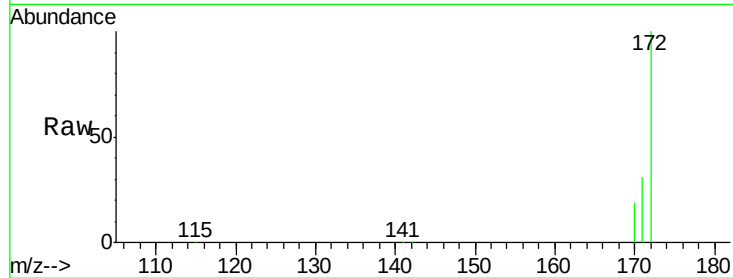
ClientSampleId :

LOD-WATER2015-01

Tgt Ion:	172	Resp:	132077
Ion Ratio	Lower	Upper	
172	100		
171	31.1	26.6	39.8
170	18.7	17.1	25.7

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#10

Acenaphthylene

Concen: 0.05 ng

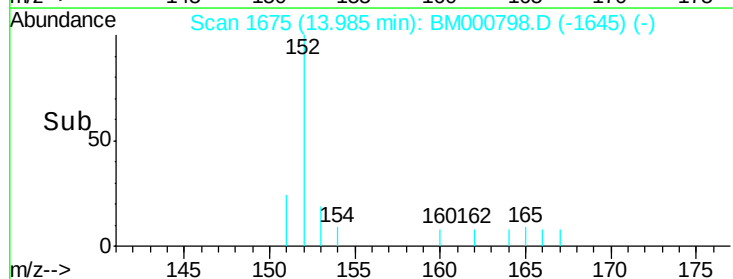
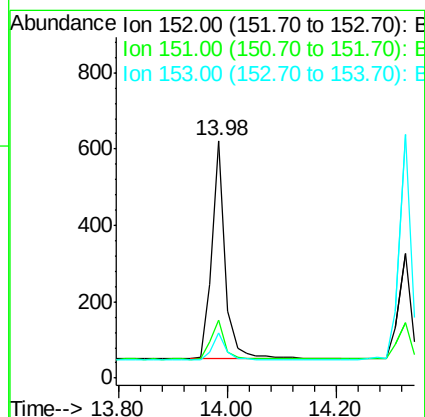
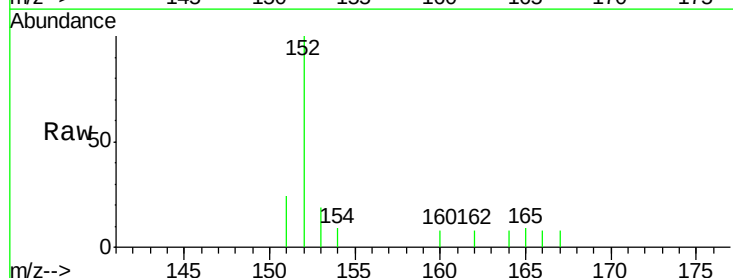
RT: 13.98 min Scan# 1675

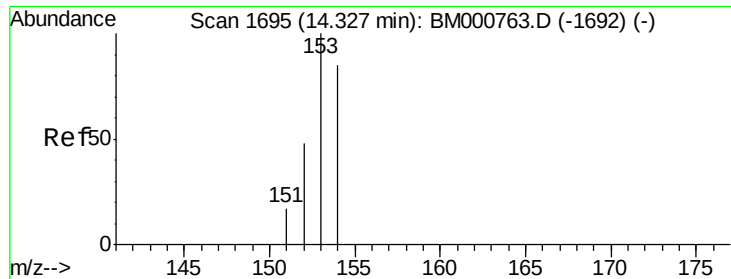
Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Tgt Ion:	152	Resp:	1012
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.1	22.7
153	12.2	10.2	15.4





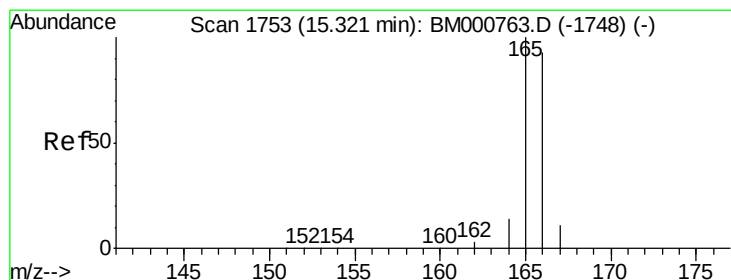
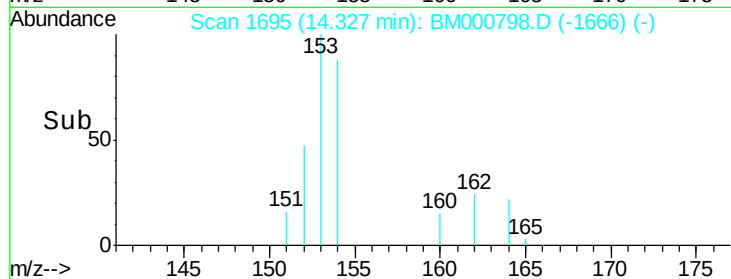
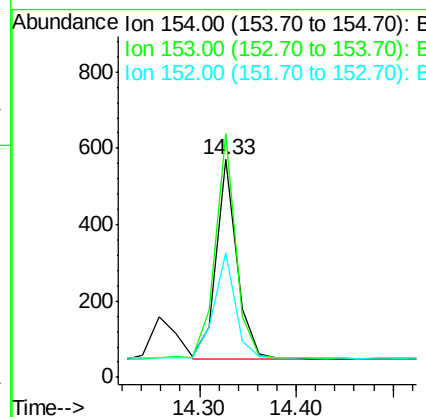
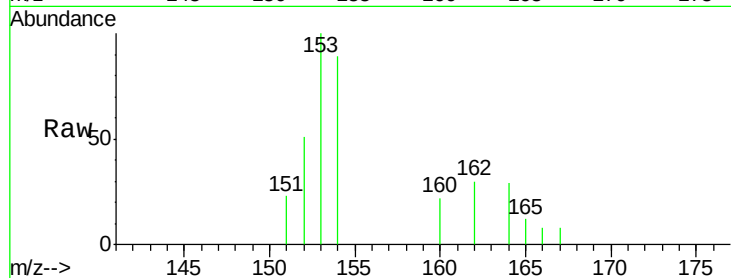
#11
Acenaphthene
Concen: 0.05 ng
RT: 14.33 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	87.3	130.9
152	54.4	43.0	64.6

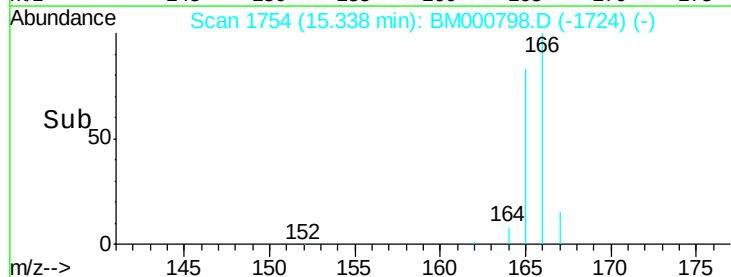
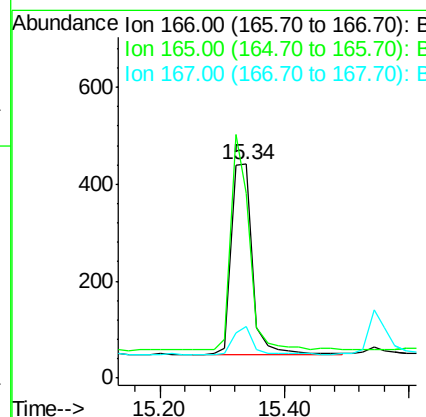
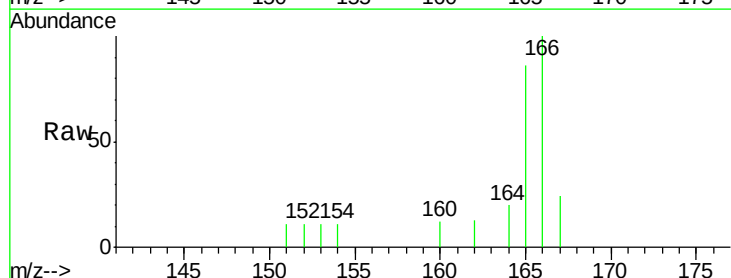
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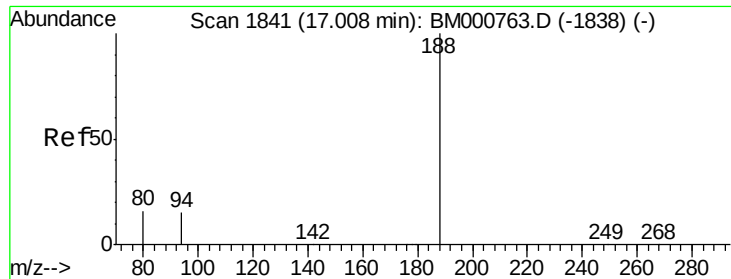
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#12
Fluorene
Concen: 0.06 ng
RT: 15.34 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	13.4	10.7	16.1





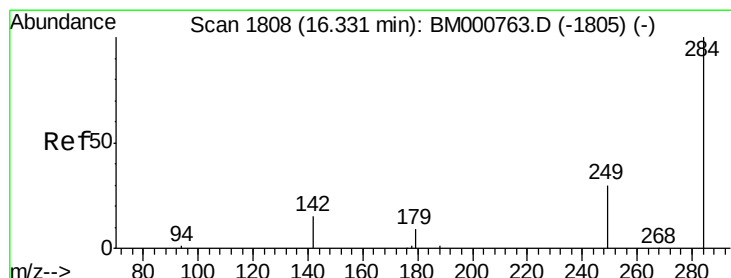
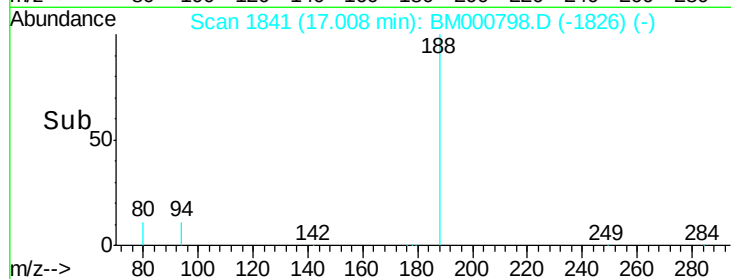
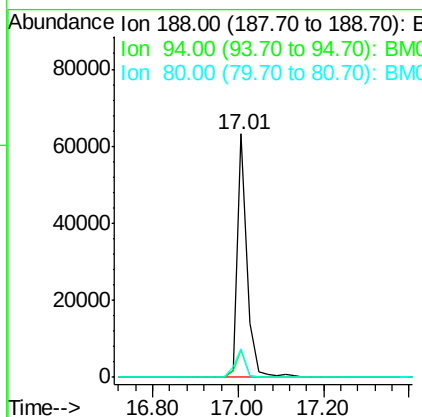
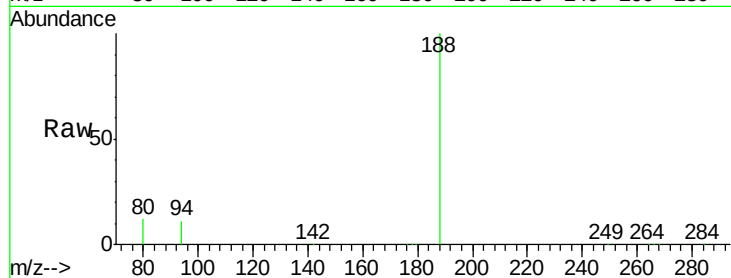
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Instrument :
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ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	102130		
94	11.3	12.0	18.0#	
80	11.5	12.8	19.2#	

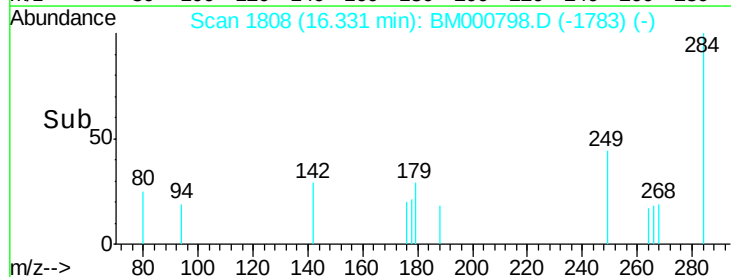
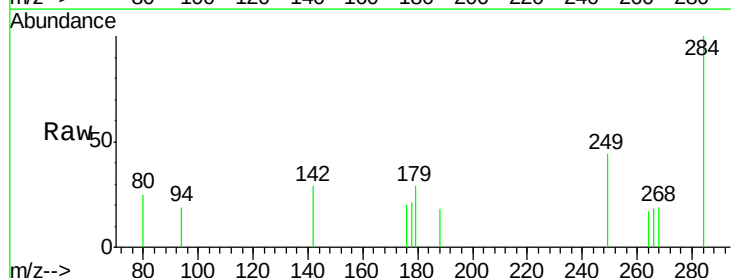
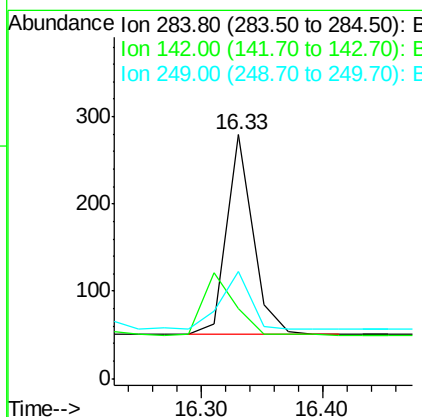
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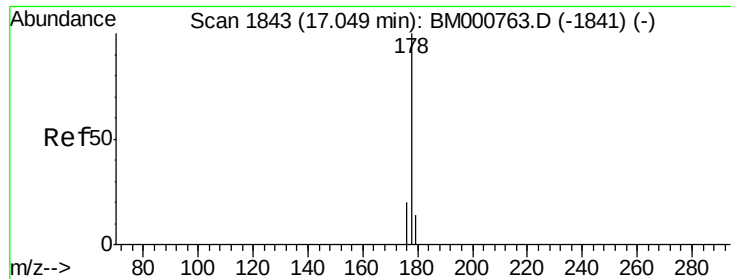
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#14
Hexachlorobenzene
Concen: 0.06 ng
RT: 16.33 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	346		
142	0.0	0.0	0.0	
249	35.3	25.2	37.8	





#16

Phenanthrene

Concen: 0.06 ng m

RT: 17.05 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM000798.D

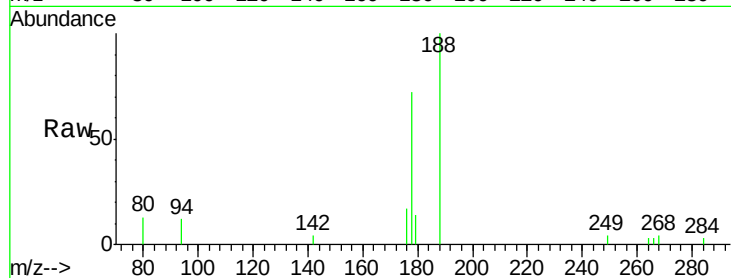
Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

ClientSampleId :

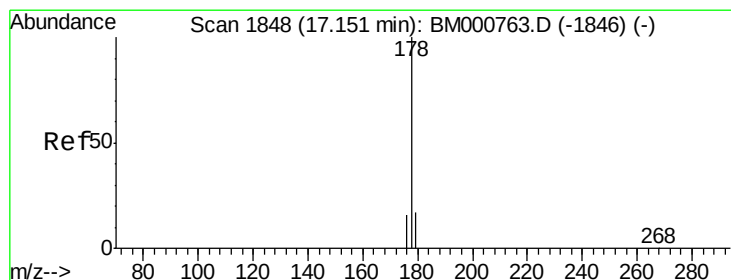
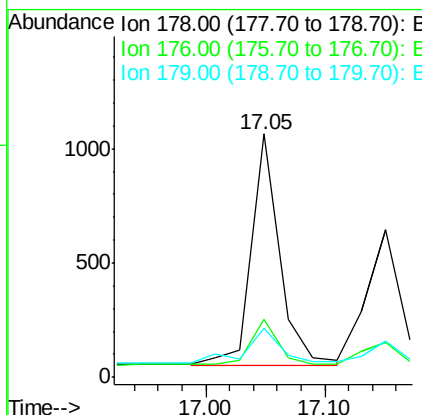
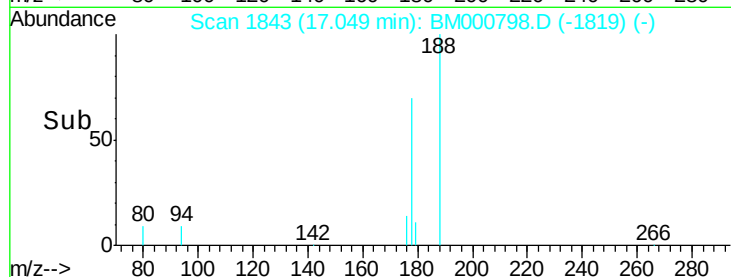
LOD-WATER2015-01



Tgt Ion:	178	Resp:	1694
Ion Ratio	Lower	Upper	
178	100		
176	13.3	15.3	22.9#
179	12.0	12.2	18.2#

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#17

Anthracene

Concen: 0.05 ng

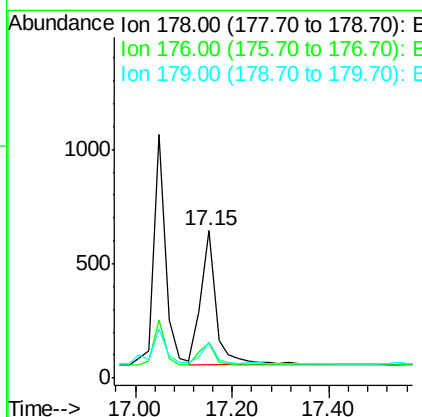
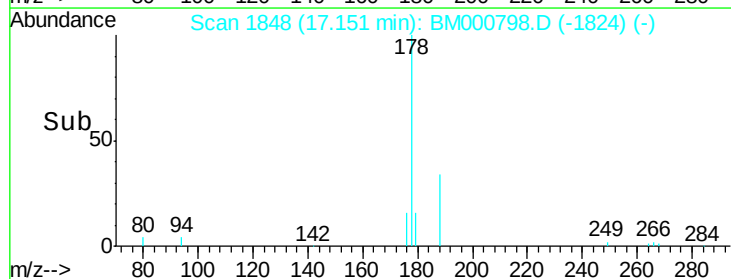
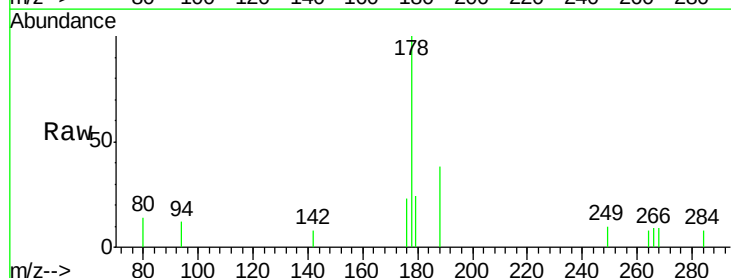
RT: 17.15 min Scan# 1848

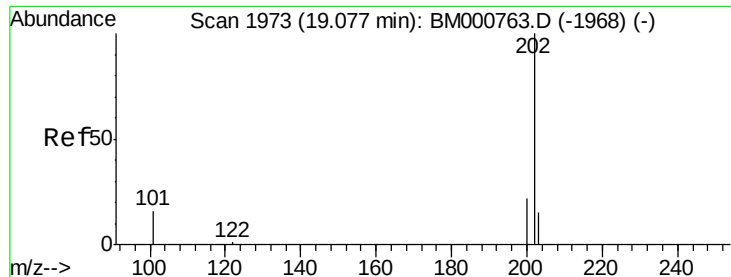
Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Tgt Ion:	178	Resp:	1286
Ion Ratio	Lower	Upper	
178	100		
176	18.5	14.6	22.0
179	16.4	12.2	18.4





#18

Fluoranthene

Concen: 0.06 ng

RT: 19.09 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BM000798.D

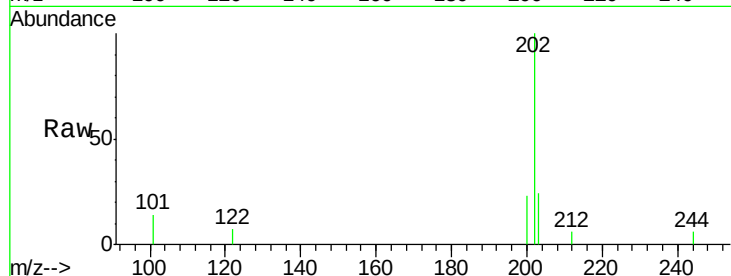
Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

ClientSampleId :

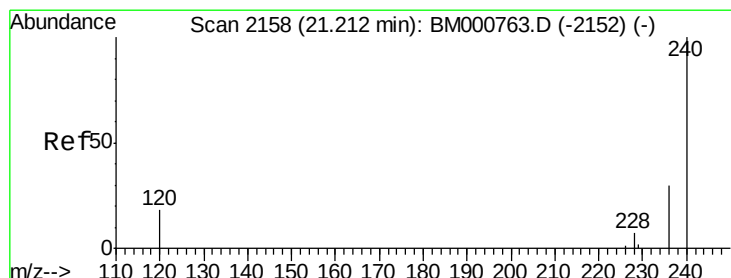
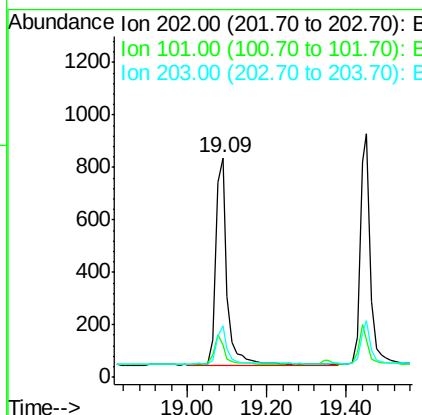
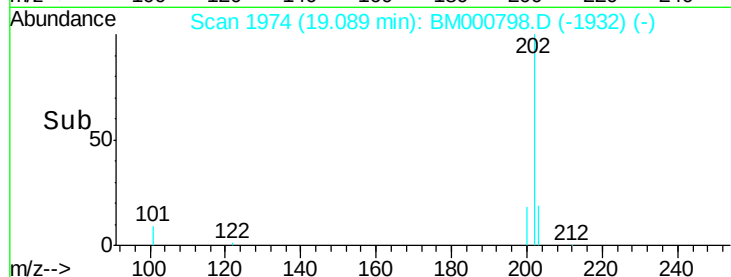
LOD-WATER2015-01



Tgt Ion:	202	Resp:	1559
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.5	15.7
203	17.3	13.8	20.8

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4/2/2015 5:38:47 PM



#19

Chrysene-d12

Concen: 5.00 ng

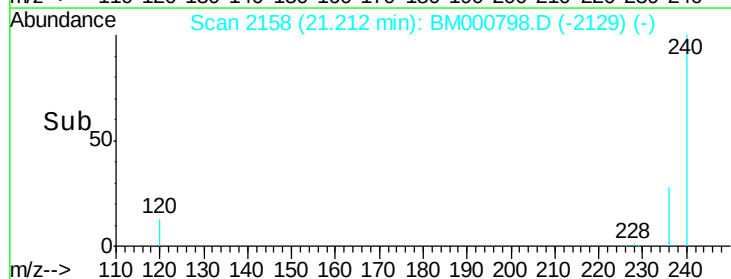
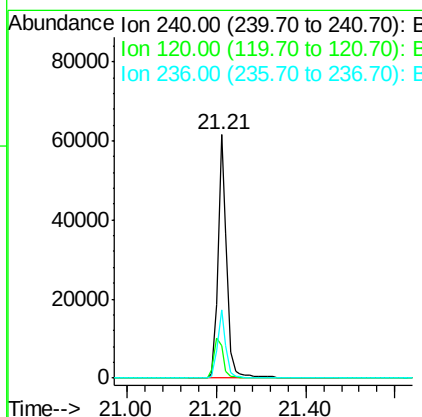
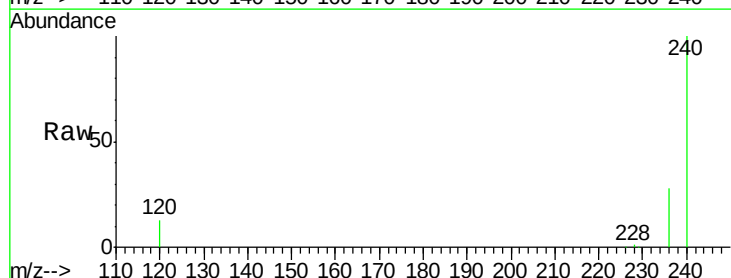
RT: 21.21 min Scan# 2158

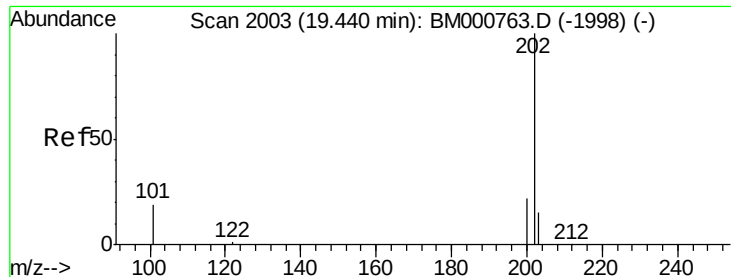
Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Tgt Ion:	240	Resp:	82585
Ion Ratio	Lower	Upper	
240	100		
120	13.5	14.9	22.3#
236	28.3	24.2	36.4





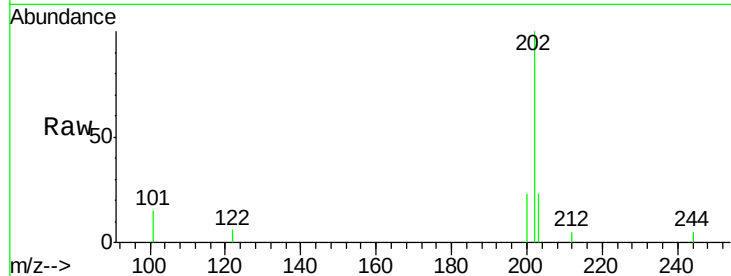
#20
Pyrene
Concen: 0.06 ng
RT: 19.45 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1588		
200	20.3	16.2	24.2	
203	18.1	13.9	20.9	

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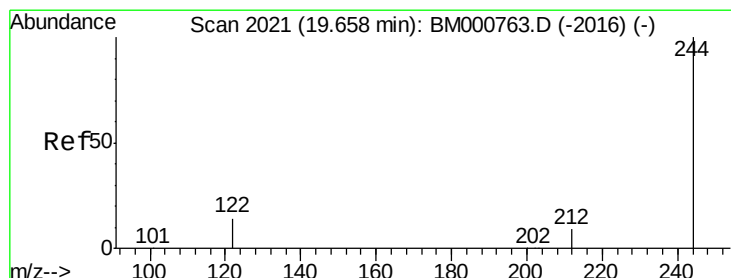
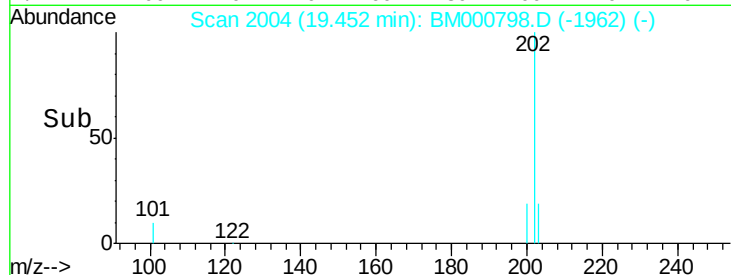
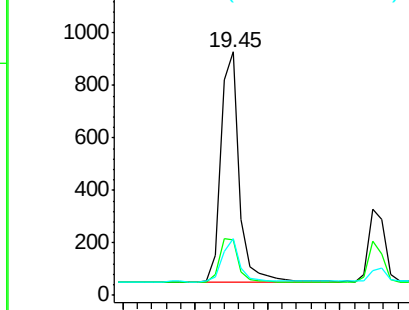


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#21
Terphenyl-d14
Concen: 10.11 ng
RT: 19.66 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

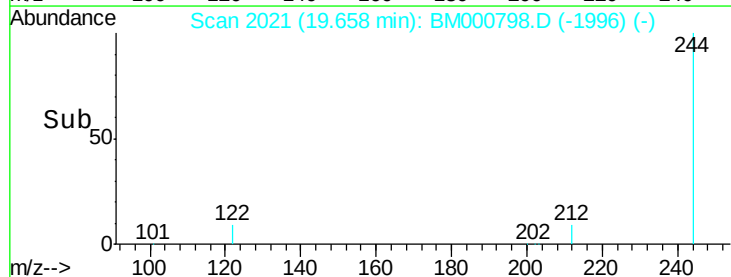
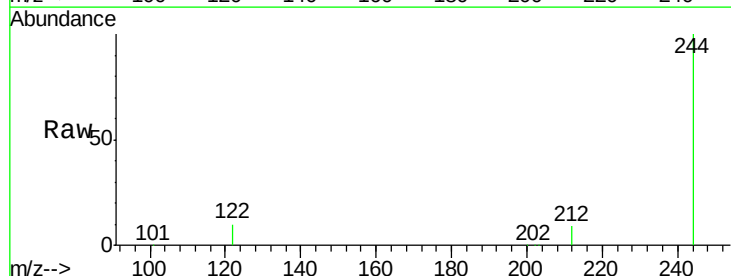
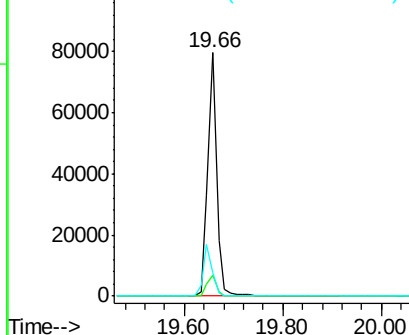
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	100468		
212	8.6	7.8	11.6	
122	9.5	11.8	17.8	

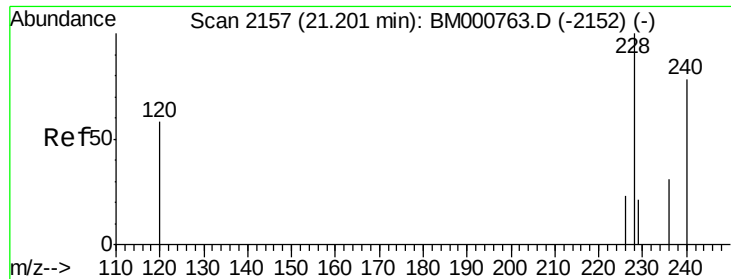
Abundance

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





#22

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.19 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

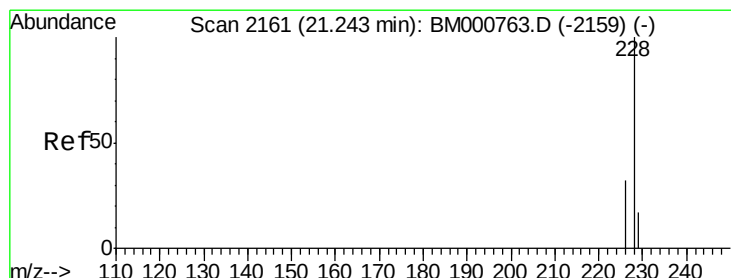
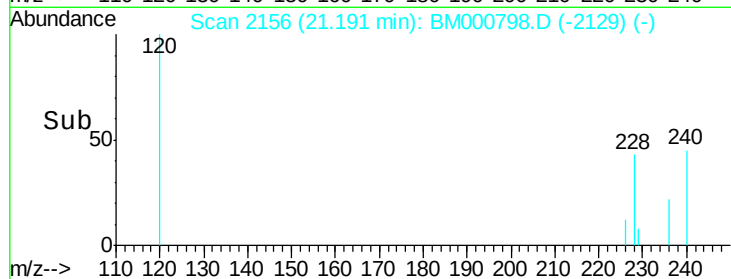
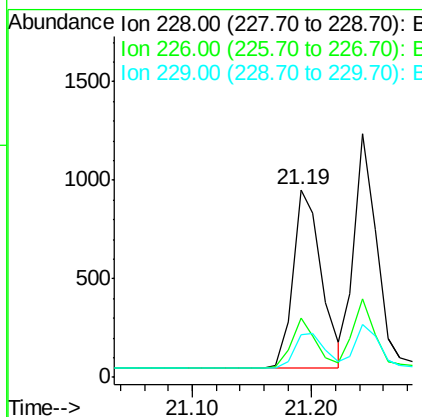
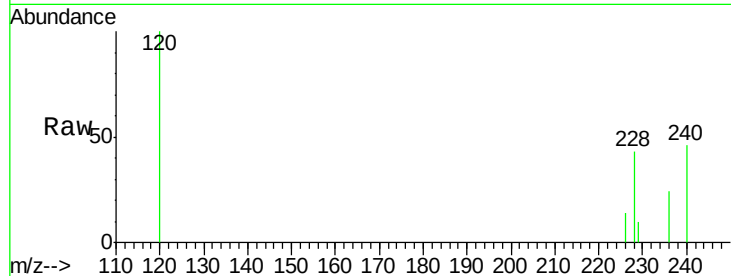
ClientSampleId :

LOD-WATER2015-01

Tgt Ion:	228	Resp:	1505
Ion Ratio	Lower	Upper	
228	100		
226	31.9	18.6	27.8#
229	22.8	17.2	25.8

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#23

Chrysene

Concen: 0.07 ng

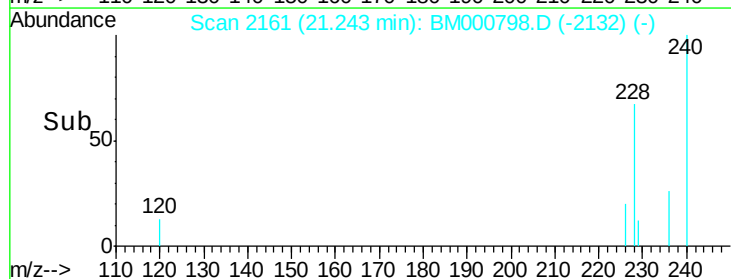
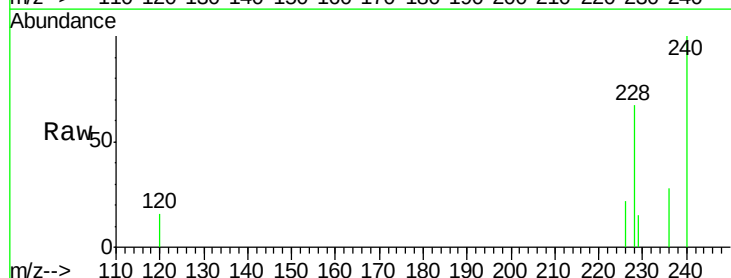
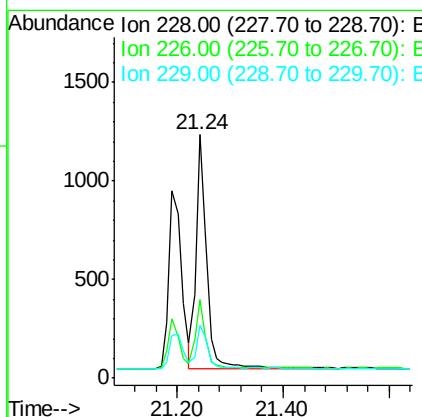
RT: 21.24 min Scan# 2161

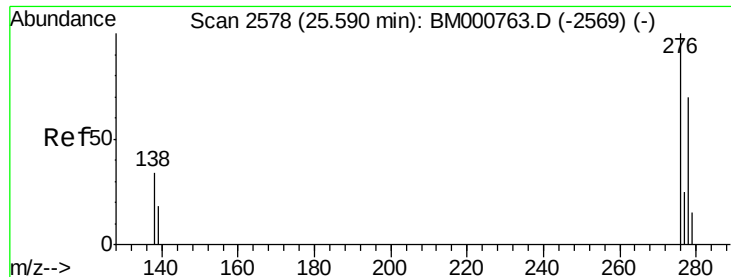
Delta R.T. -0.00 min

Lab File: BM000798.D

Acq: 01 Apr 2015 23:31

Tgt Ion:	228	Resp:	1662
Ion Ratio	Lower	Upper	
228	100		
226	32.3	25.8	38.8
229	21.8	13.8	20.6#





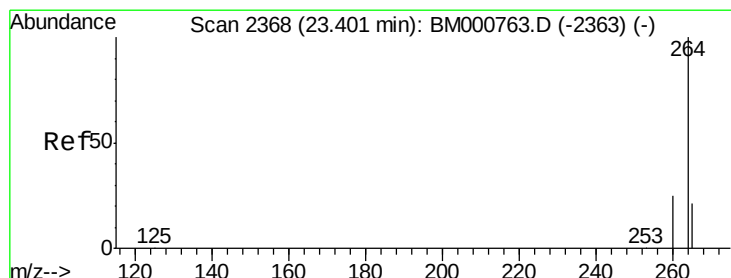
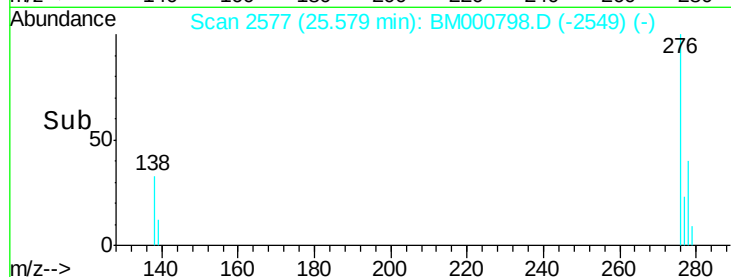
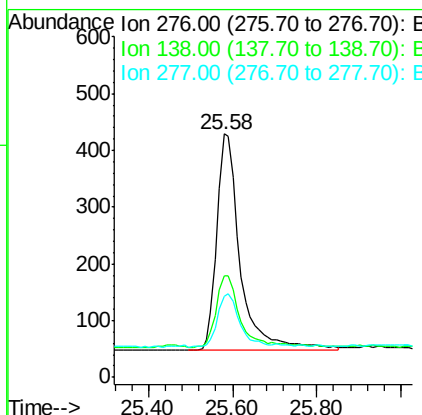
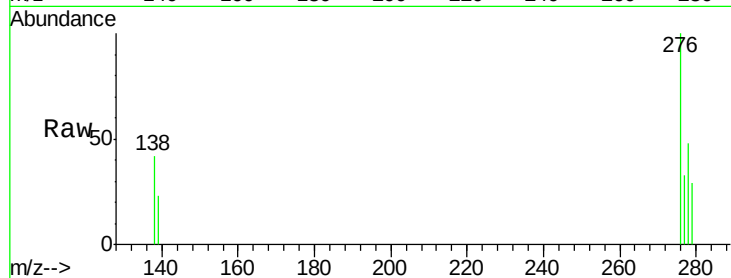
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng
 RT: 25.58 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BM000798.D
 Acq: 01 Apr 2015 23:31

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.4	41.2
277	22.3	19.7	29.5

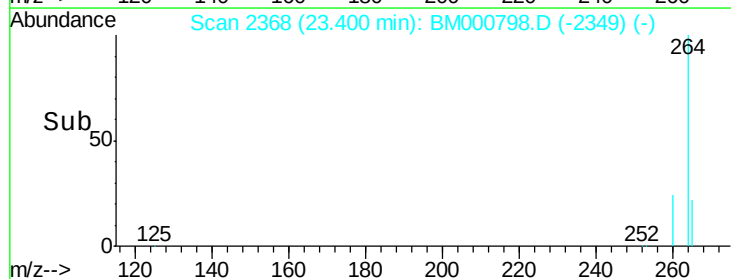
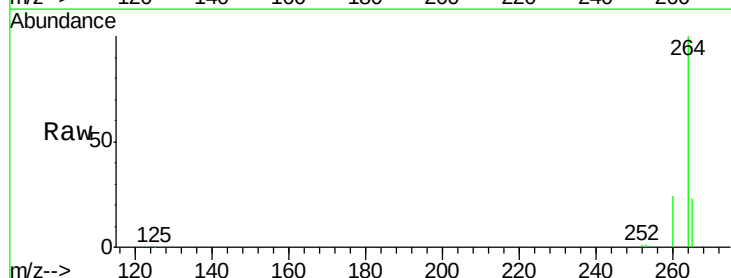
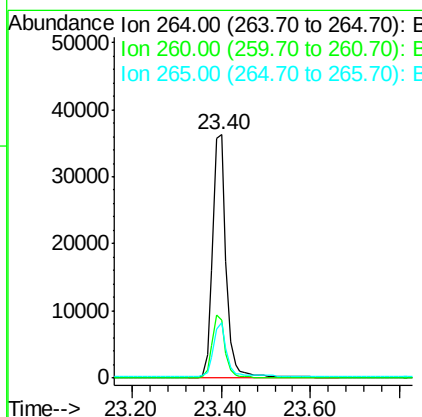
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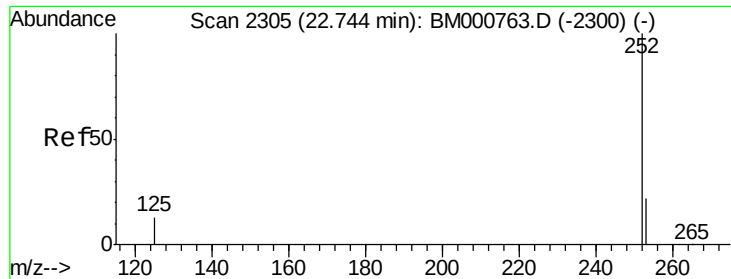
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#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BM000798.D
 Acq: 01 Apr 2015 23:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	22.6	17.4	26.0





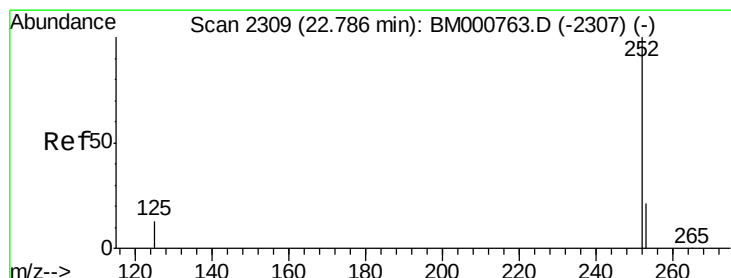
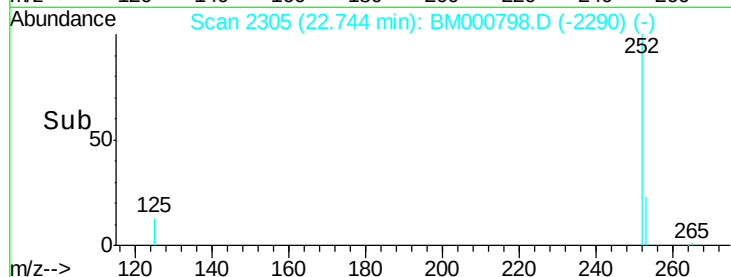
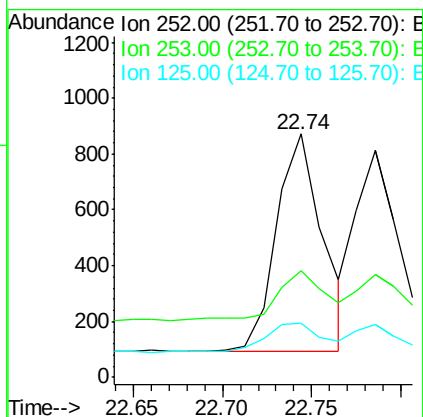
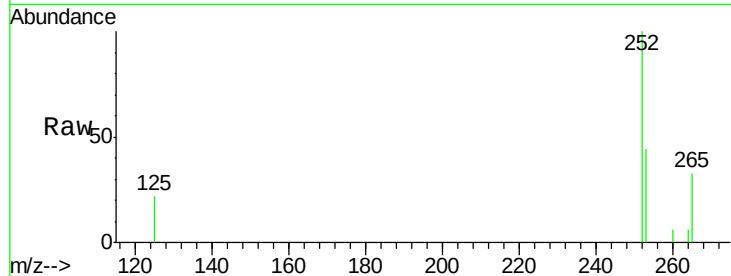
#26
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.74 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.9	18.5	27.7#
125	22.1	10.6	16.0#

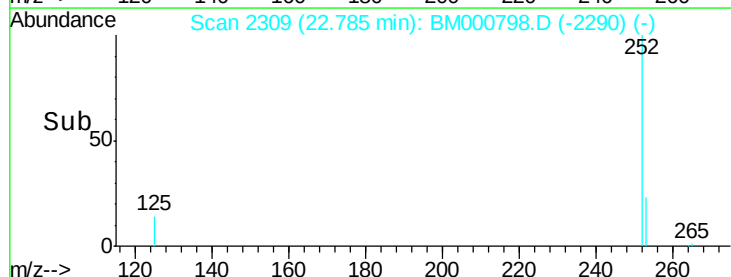
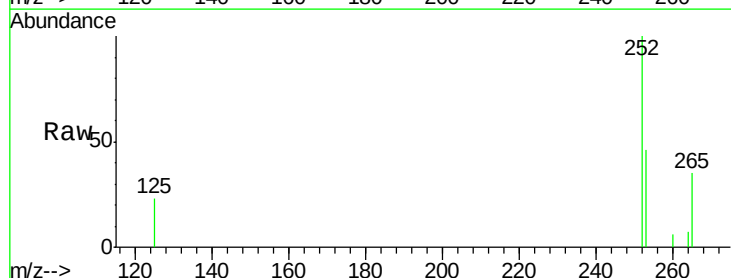
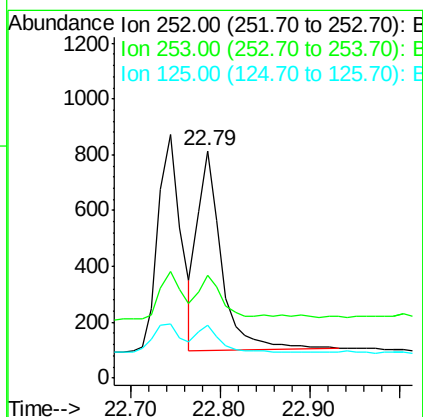
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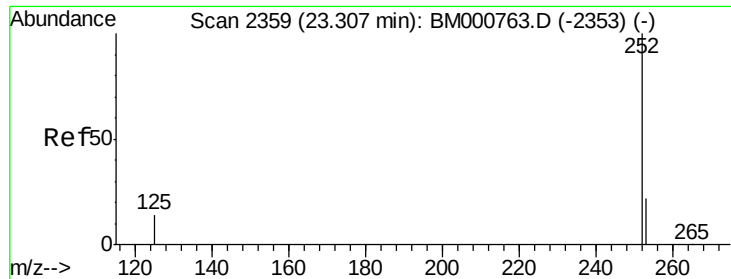
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#27
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.79 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM000798.D
Acq: 01 Apr 2015 23:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.5	17.9	26.9#
125	23.5	10.8	16.2#





#28

Benzo(a)pyrene

Concen: 0.06 ng

RT: 23.30 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM000798.D

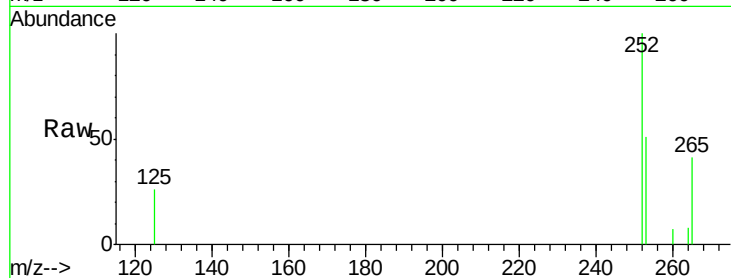
Acq: 01 Apr 2015 23:31

Instrument :

BNA_M

ClientSampleId :

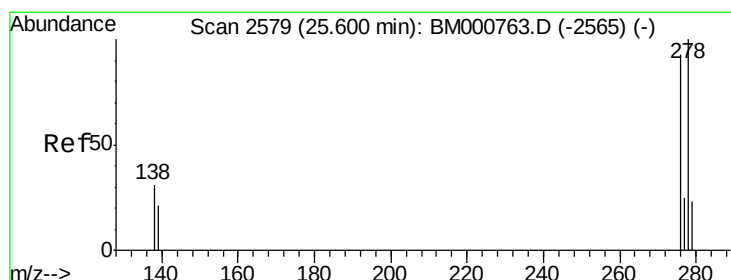
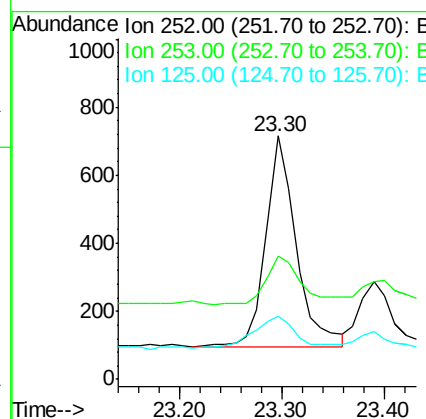
LOD-WATER2015-01



Tgt Ion	Ratio	Lower	Upper
252	100		
253	50.7	19.4	29.2#
125	26.0	11.5	17.3#

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#29

Dibenzo(a,h)anthracene

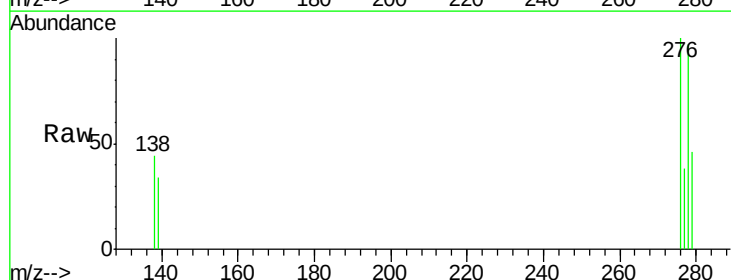
Concen: 0.06 ng

RT: 25.60 min Scan# 2579

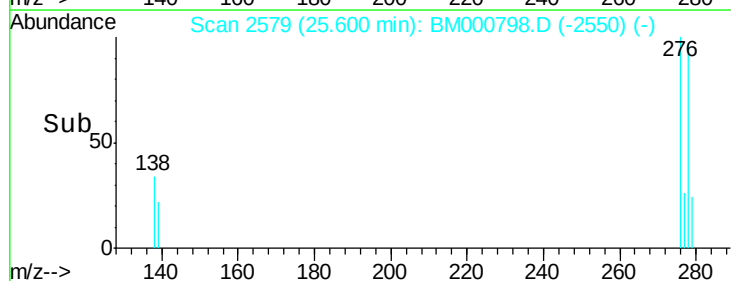
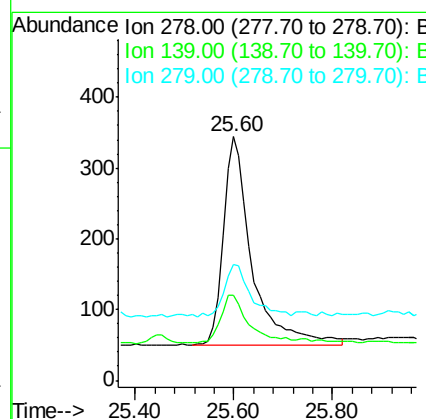
Delta R.T. -0.00 min

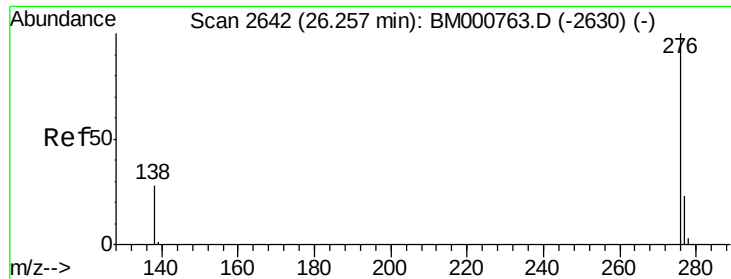
Lab File: BM000798.D

Acq: 01 Apr 2015 23:31



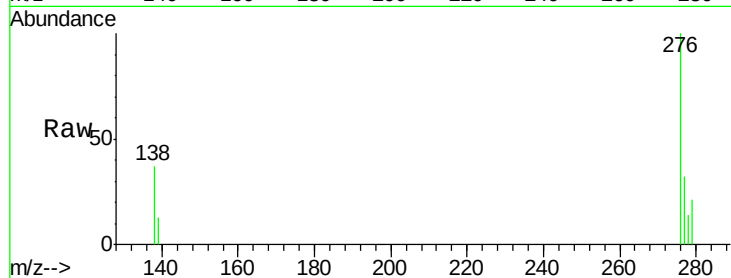
Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.9	17.8	26.6#
279	47.4	19.3	28.9#





#30
 Benzo(g,h,i)perylene
 Concen: 0.06 ng
 RT: 26.25 min Scan# 2641
 Delta R.T. -0.01 min
 Lab File: BM000798.D
 Acq: 01 Apr 2015 23:31

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER2015-01



Tgt Ion:	276	Resp:	1397
Ion Ratio	Lower	Upper	
276	100		
277	32.1	19.1	28.7#
138	36.6	23.1	34.7#

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