

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
 Data File : BM000799.D
 Acq On : 02 Apr 2015 00:06
 Operator : TP/IZ
 Sample : G1614-06
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
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Quant Time: Apr 02 16:03:02 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	24856	5.00	ng	0.00
4) Naphthalene-d8	10.40	136	84941	5.00	ng	0.00
8) Acenaphthene-d10	14.28	164	40468	5.00	ng	0.00
13) Phenanthrene-d10	17.01	188	90983	5.00	ng	0.00
19) Chrysene-d12	21.22	240	72367	5.00	ng	0.00
25) Perylene-d12	23.39	264	66364	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.77	82	43278	8.29	ng	0.00
9) 2-Fluorobiphenyl	12.89	172	134773	10.74	ng	0.00
21) Terphenyl-d14	19.65	244	100891	11.59	ng	0.00
Target Compounds						Qvalue
6) Naphthalene	10.45	128	2522	0.13	ng	# 93
7) 2-Methylnaphthalene	12.08	142	1570	0.13	ng	96
10) Acenaphthylene	13.98	152	1940	0.11	ng	99
11) Acenaphthene	14.33	154	1646	0.13	ng	92
12) Fluorene	15.32	166	1750	0.13	ng	98
14) Hexachlorobenzene	16.33	284	638	0.12	ng	# 98
16) Phenanthrene	17.05	178	3011	0.12	ng	96
17) Anthracene	17.13	178	2446m	0.12	ng	
18) Fluoranthene	19.08	202	2867	0.12	ng	99
20) Pyrene	19.44	202	2929	0.12	ng	98
22) Benzo(a)anthracene	21.19	228	2737	0.13	ng	97
23) Chrysene	21.25	228	2940	0.14	ng	# 91
24) Indeno(1,2,3-cd)pyrene	25.58	276	2780	0.12	ng	98
26) Benzo(b)fluoranthene	22.74	252	2490	0.12	ng	# 81
27) Benzo(k)fluoranthene	22.78	252	2656	0.13	ng	# 78
28) Benzo(a)pyrene	23.30	252	2244	0.13	ng	# 74
29) Dibenzo(a,h)anthracene	25.59	278	2139	0.12	ng	# 81
30) Benzo(g,h,i)perylene	26.25	276	2513	0.13	ng	# 92

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

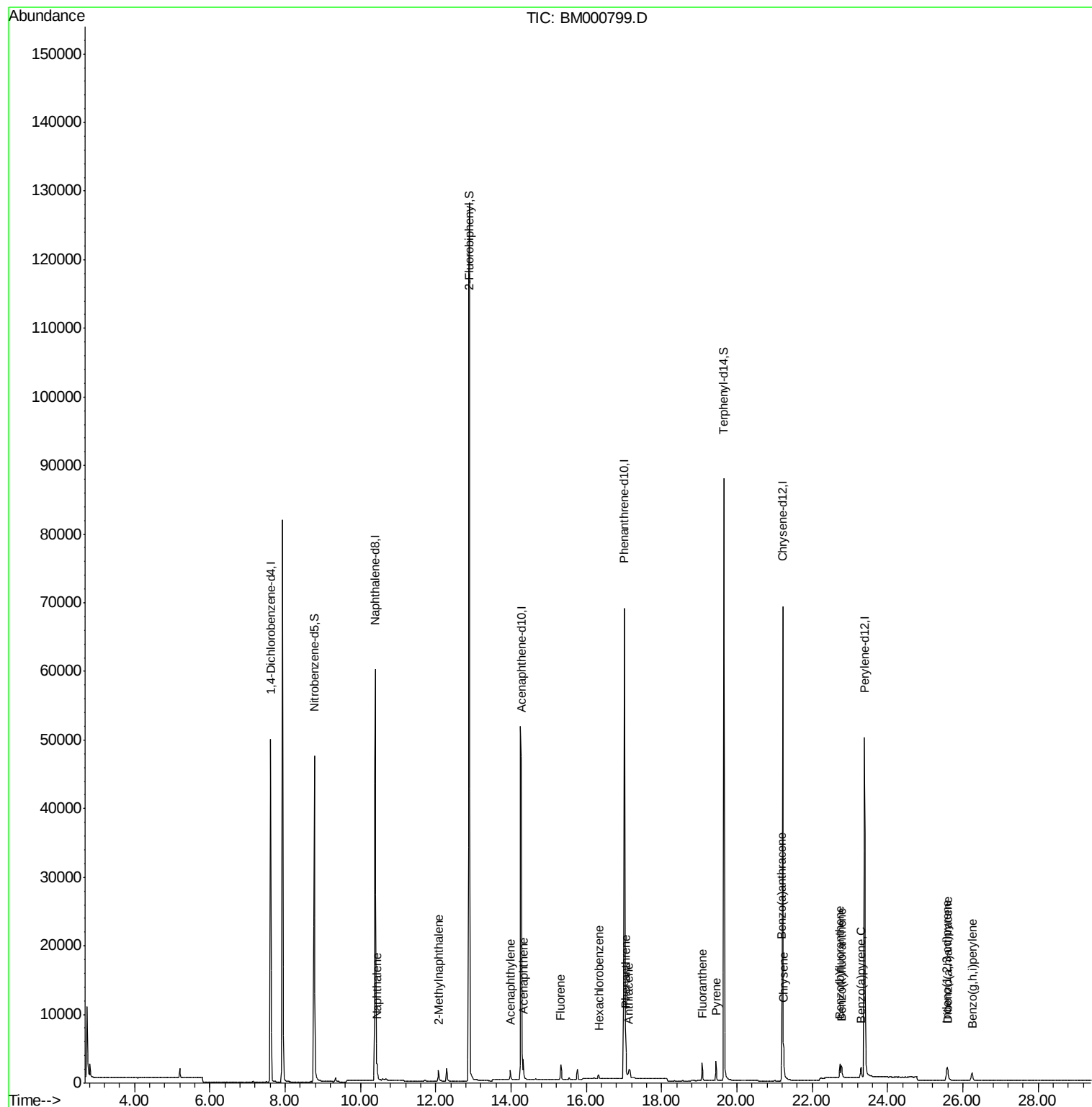
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040115\
Data File : BM000799.D
Acq On : 02 Apr 2015 00:06
Operator : TP/IZ
Sample : G1614-06
Misc : LOQ-WATER-0.2PPM
ALS Vial : 15 Sample Multiplier: 1

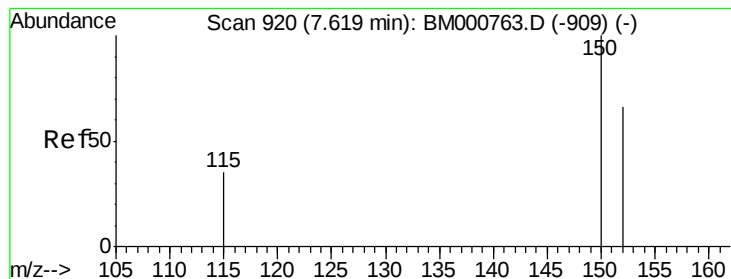
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER2015-02

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Quant Time: Apr 02 16:03:02 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: BM000799.D

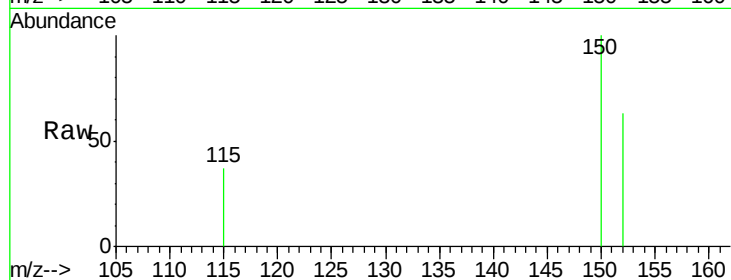
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2015-02



Tgt Ion:152 Resp: 24856

Ion Ratio Lower Upper

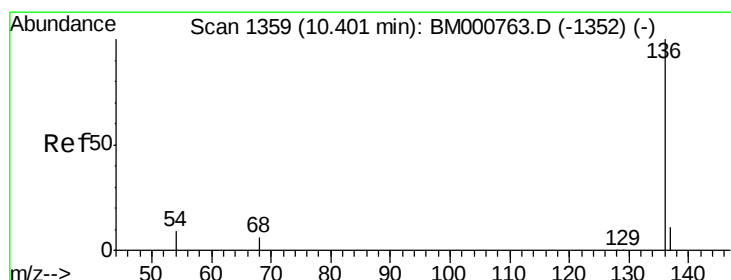
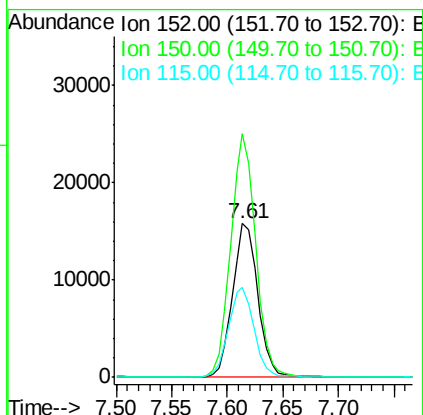
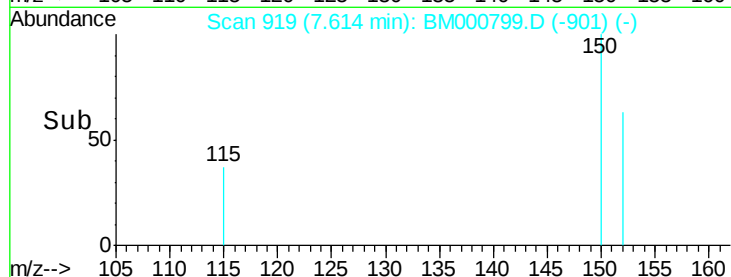
152 100

150 158.3 120.8 181.2

115 58.7 42.7 64.1

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#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.40 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

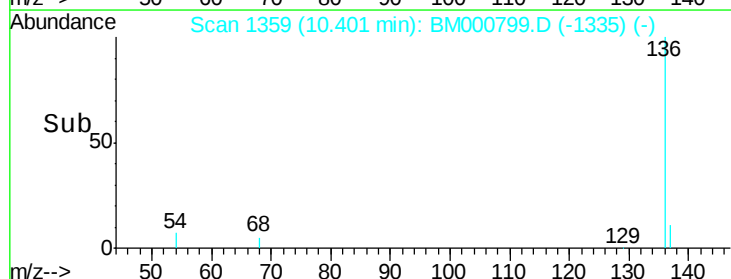
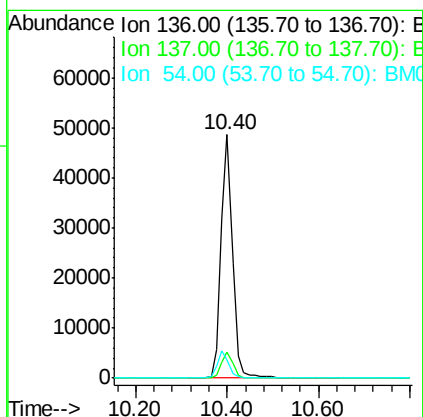
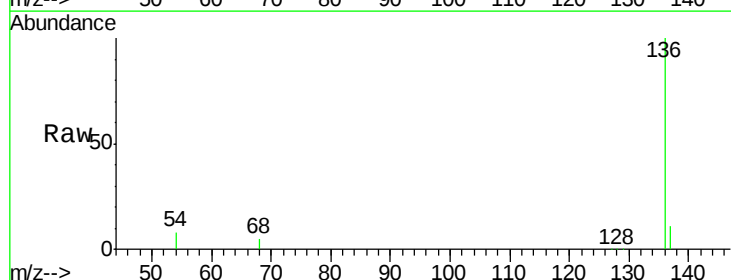
Tgt Ion:136 Resp: 84941

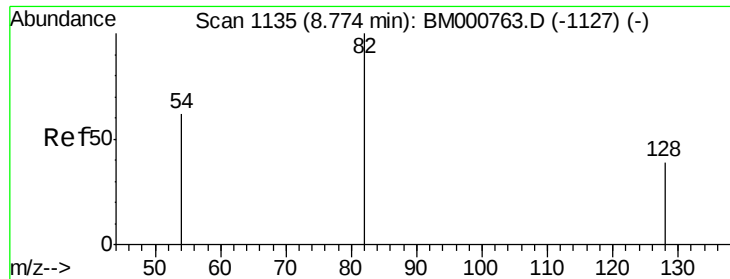
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 7.6 7.0 10.6





#5

Nitrobenzene-d5

Concen: 8.29 ng

RT: 8.77 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM000799.D

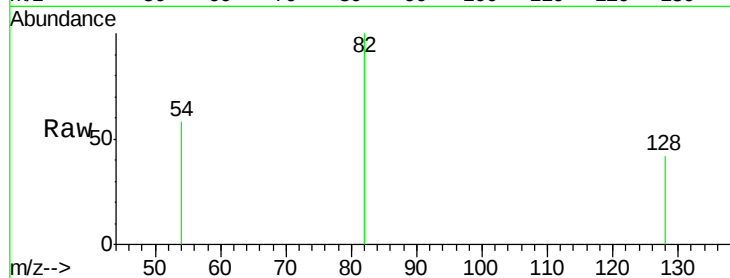
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

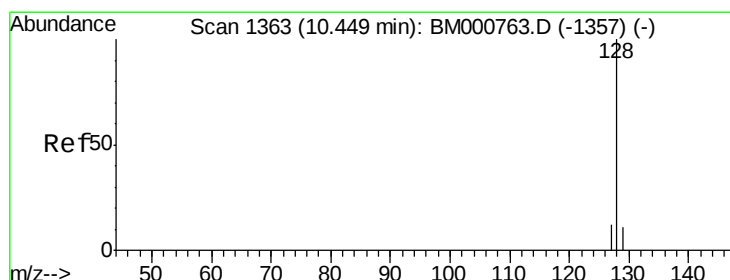
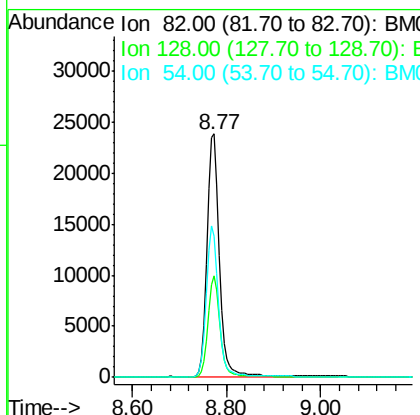
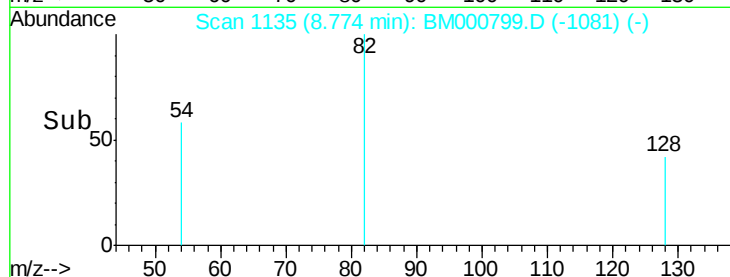
LOQ-WATER2015-02



Tgt Ion:	82	Resp:	43278
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.2	48.2
54	58.2	50.2	75.4

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#6

Naphthalene

Concen: 0.13 ng

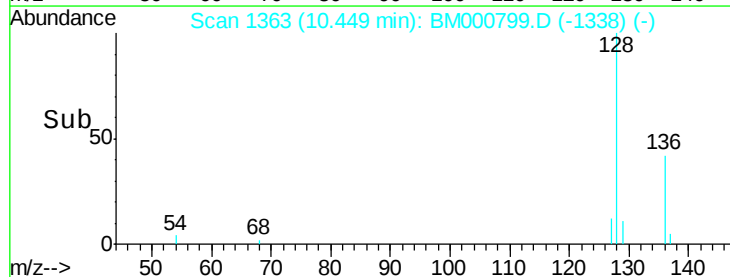
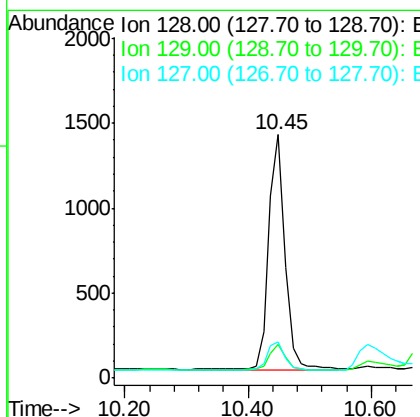
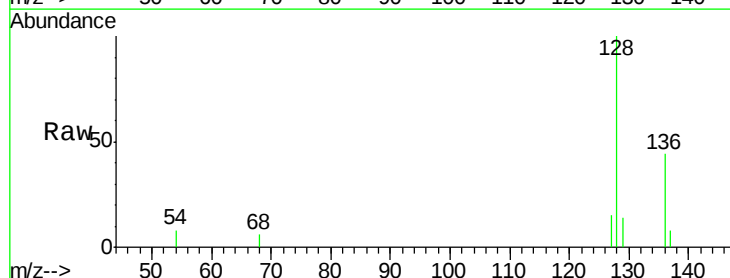
RT: 10.45 min Scan# 1363

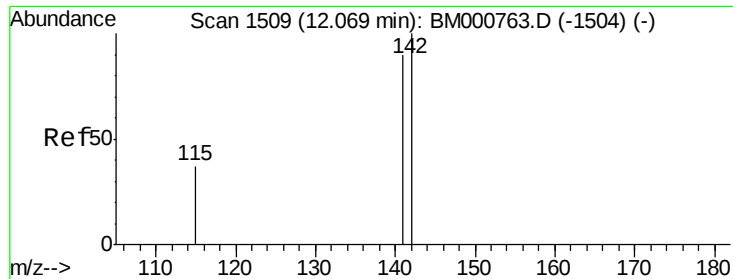
Delta R.T. -0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Tgt Ion:	128	Resp:	2522
Ion Ratio	Lower	Upper	
128	100		
129	14.0	8.9	13.3#
127	14.8	10.0	15.0





#7

2-Methylnaphthalene

Concen: 0.13 ng

RT: 12.08 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM000799.D

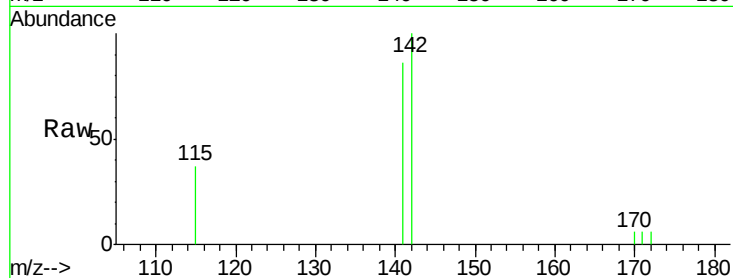
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

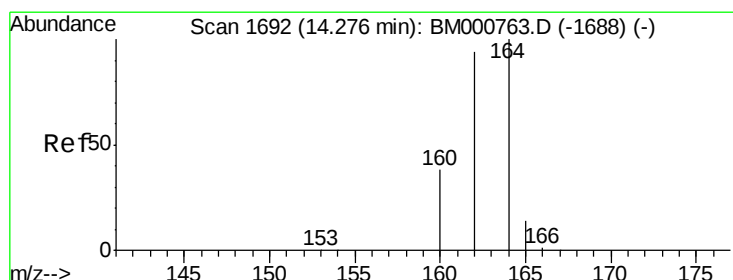
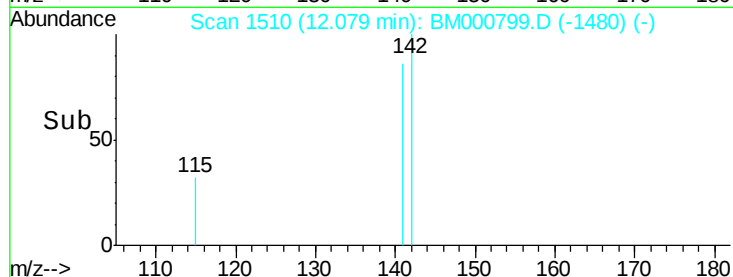
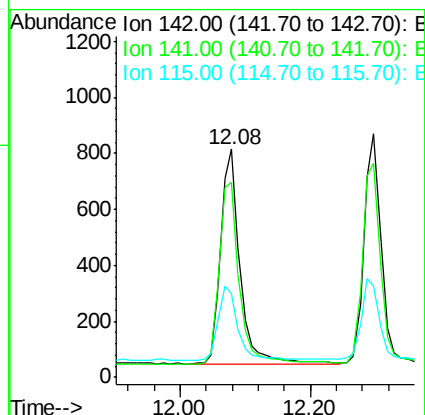
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Tgt Ion:	142	Resp:	1570
Ion Ratio	Lower	Upper	
142	100		
141	85.6	72.3	108.5
115	36.9	29.5	44.3

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#8

Acenaphthene-d10

Concen: 5.00 ng

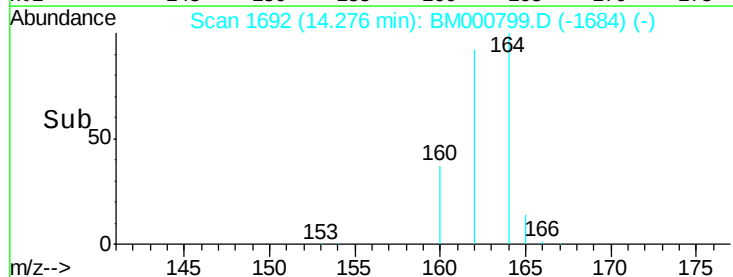
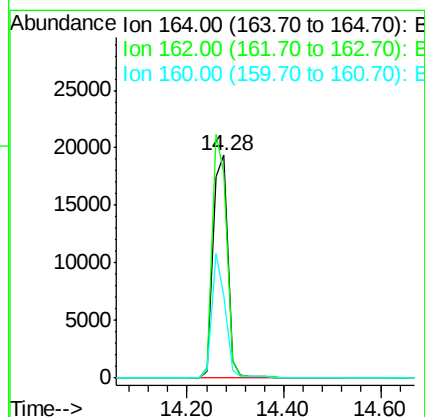
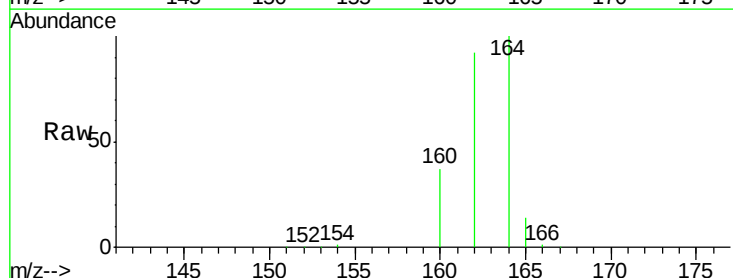
RT: 14.28 min Scan# 1692

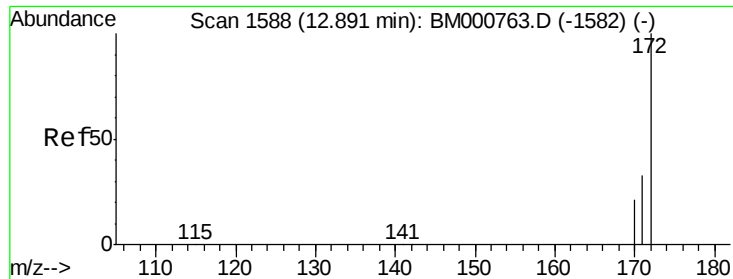
Delta R.T. -0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Tgt Ion:	164	Resp:	40468
Ion Ratio	Lower	Upper	
164	100		
162	92.0	75.4	113.2
160	36.8	30.8	46.2





#9

2-Fluorobiphenyl

Concen: 10.74 ng

RT: 12.89 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

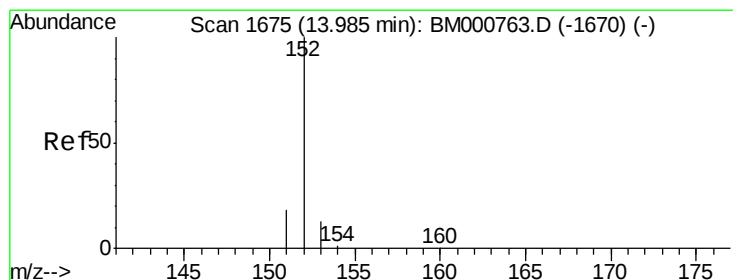
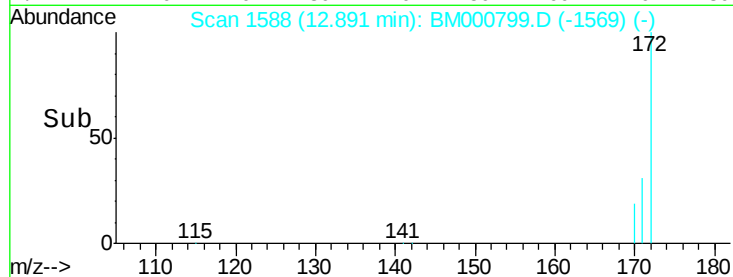
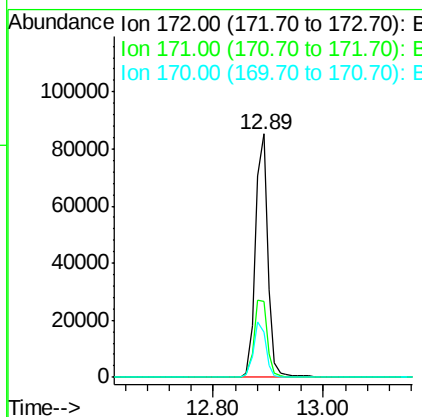
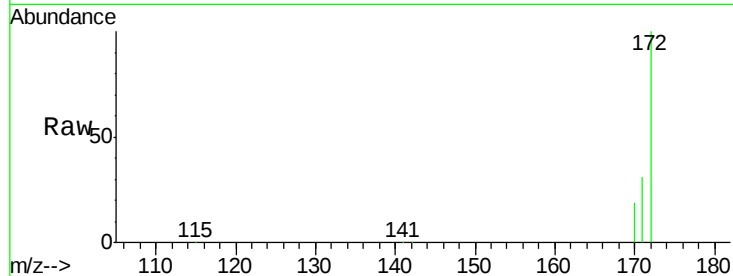
ClientSampleId :

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Tgt Ion:	172	Resp:	134773
Ion Ratio	Lower	Upper	
172	100		
171	31.1	26.6	39.8
170	18.8	17.1	25.7

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#10

Acenaphthylene

Concen: 0.11 ng

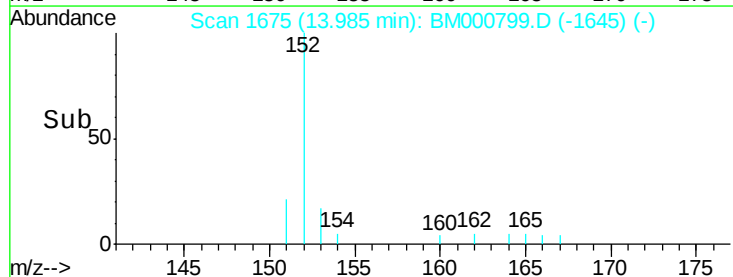
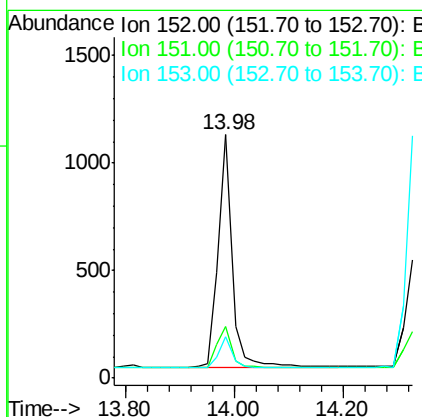
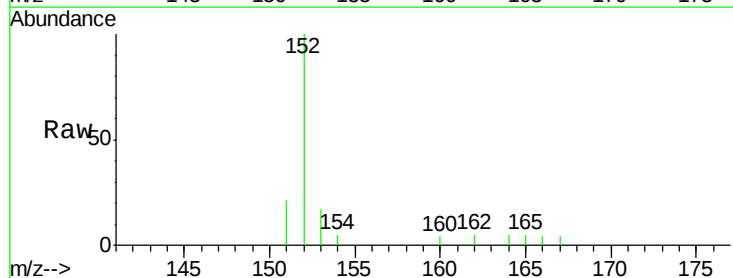
RT: 13.98 min Scan# 1675

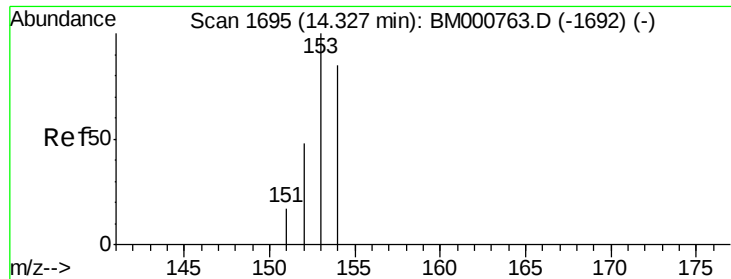
Delta R.T. -0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Tgt Ion:	152	Resp:	1940
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.1	22.7
153	12.3	10.2	15.4





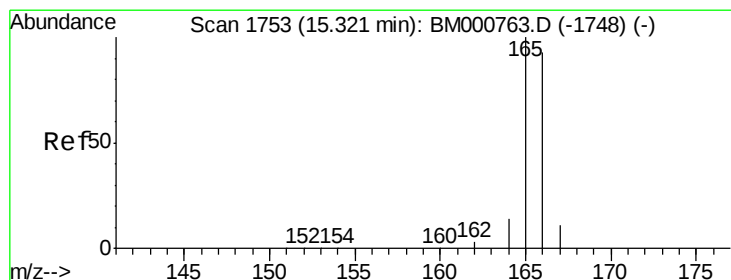
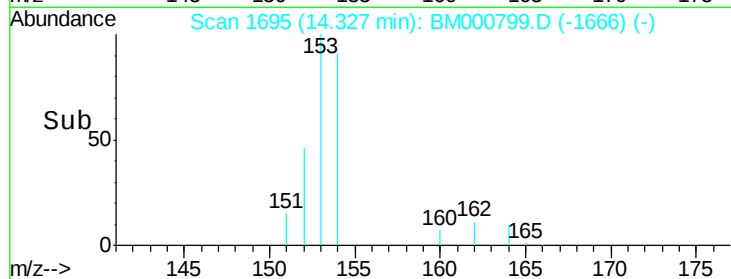
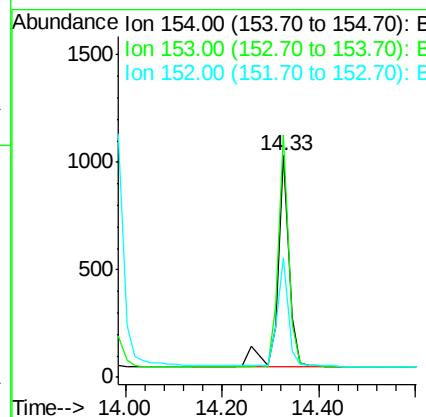
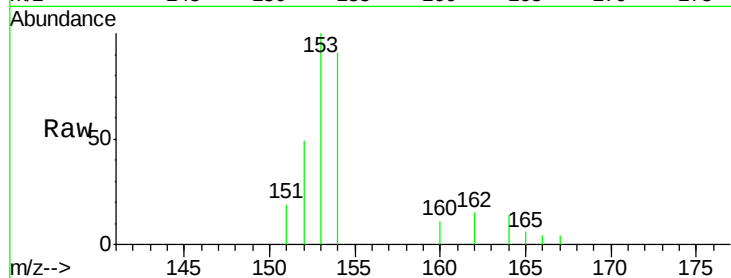
#11
Acenaphthene
Concen: 0.13 ng
RT: 14.33 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	100.2	87.3	130.9
152	49.6	43.0	64.6

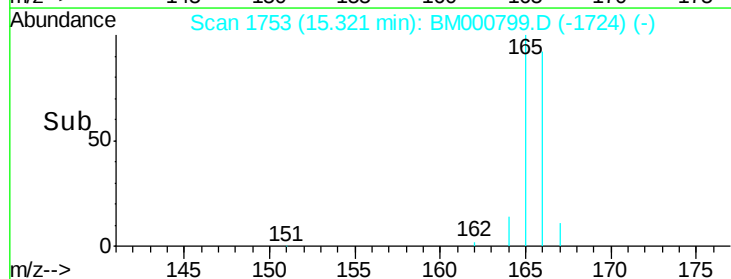
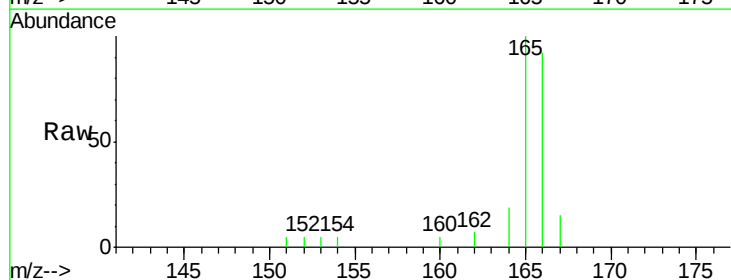
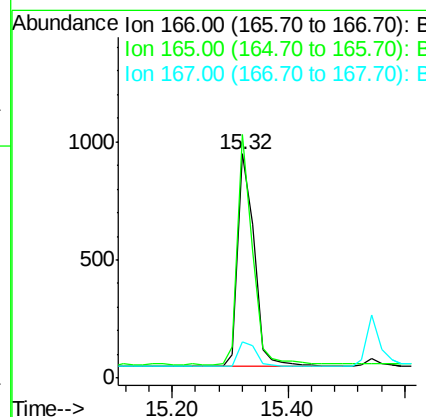
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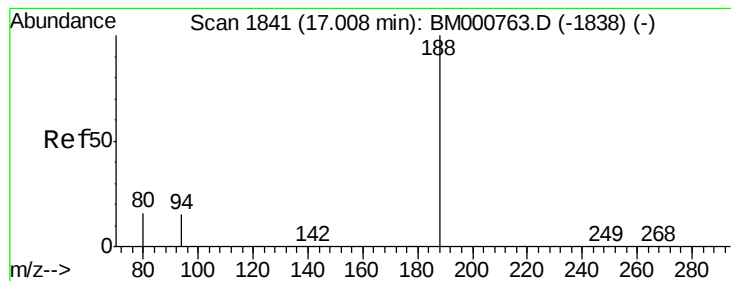
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#12
Fluorene
Concen: 0.13 ng
RT: 15.32 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.2
167	14.1	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: BM000799.D

Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

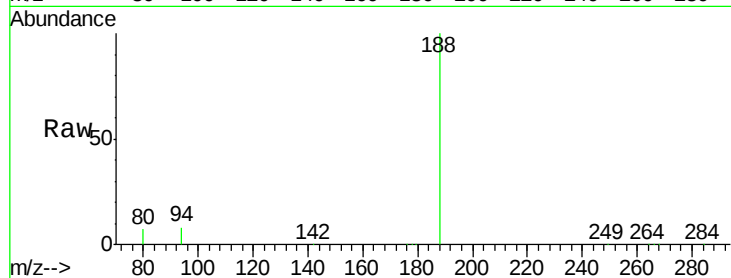
ClientSampleId :

LOQ-WATER2015-02

Tgt Ion:	188	Resp:	90983
Ion Ratio	Lower	Upper	
188	100		
94	7.7	12.0	18.0#
80	7.3	12.8	19.2#

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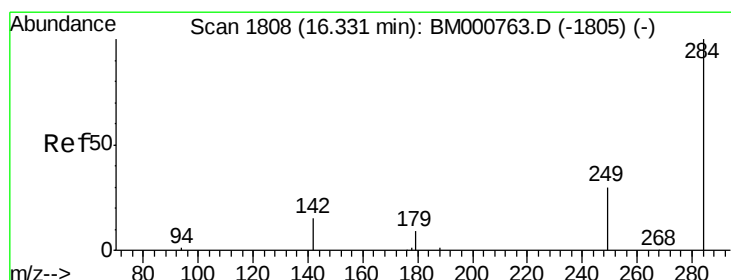
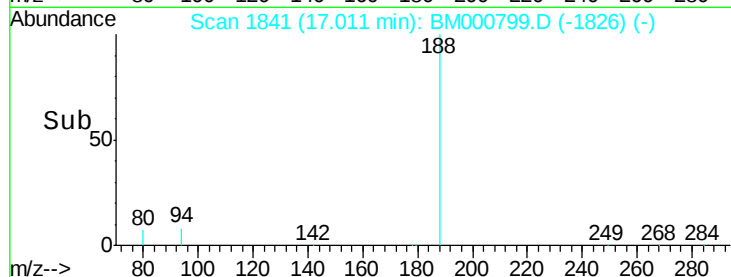
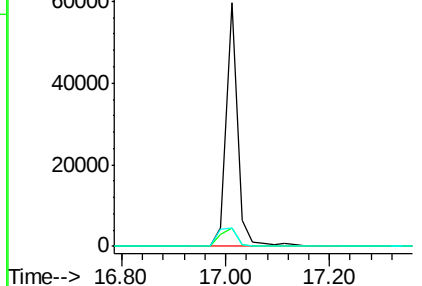
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#14

Hexachlorobenzene

Concen: 0.12 ng

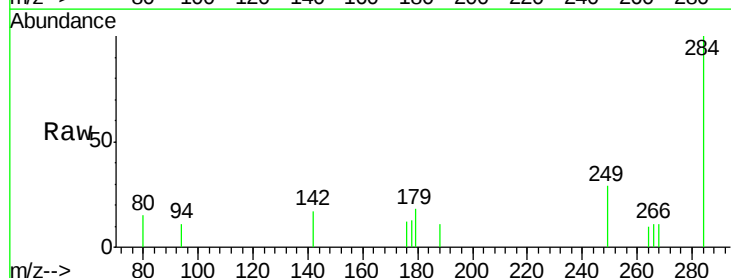
RT: 16.33 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

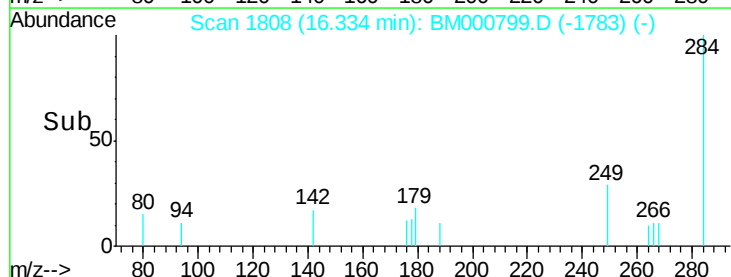
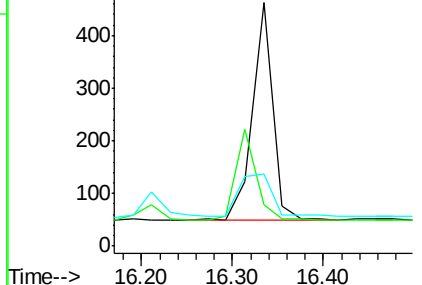
Tgt Ion:	284	Resp:	638
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	32.6	25.2	37.8

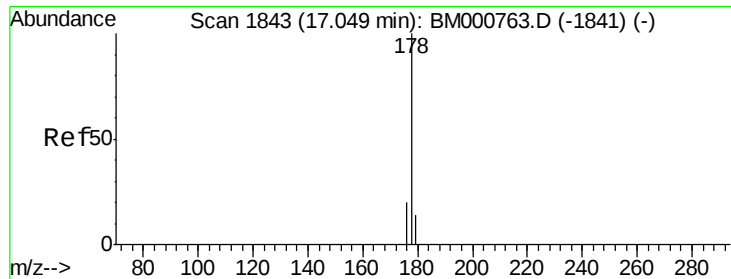


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#16

Phenanthrene

Concen: 0.12 ng

RT: 17.05 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

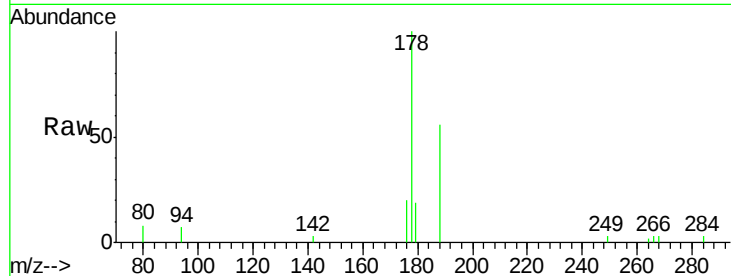
ClientSampleId :

LOQ-WATER2015-02

Tgt Ion:	178	Resp:	3011
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.3	22.9
179	17.9	12.2	18.2

Manual Integrations
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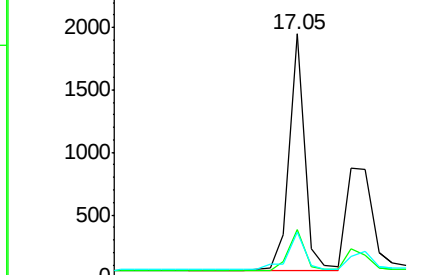
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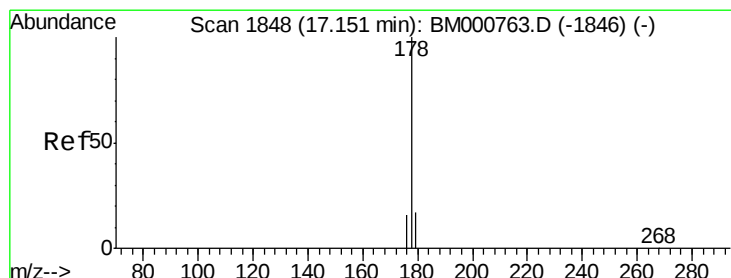
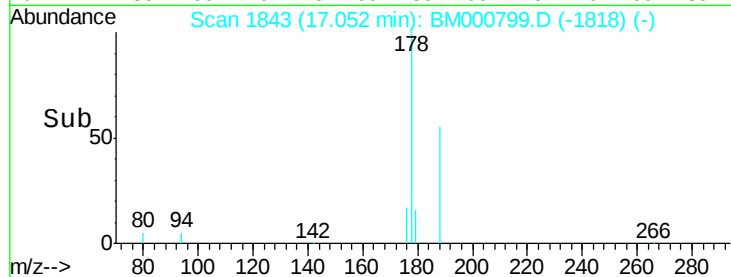
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.80 17.00



#17

Anthracene

Concen: 0.12 ng m

RT: 17.13 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BM000799.D

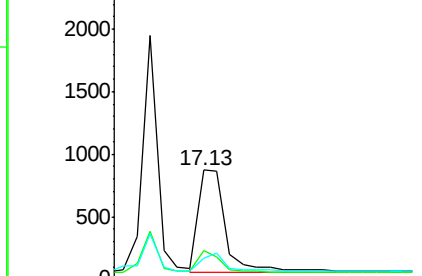
Acq: 02 Apr 2015 00:06

Tgt Ion:	178	Resp:	2446
Ion Ratio	Lower	Upper	
178	100		
176	22.2	14.6	22.0#
179	22.0	12.2	18.4#

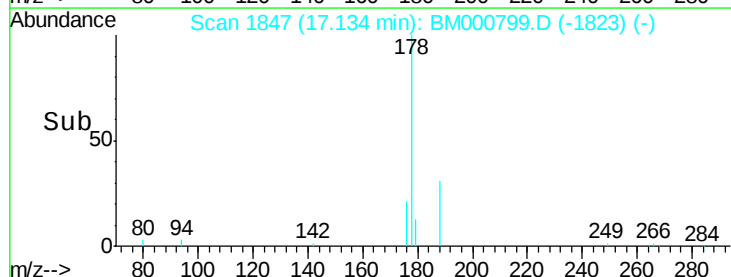
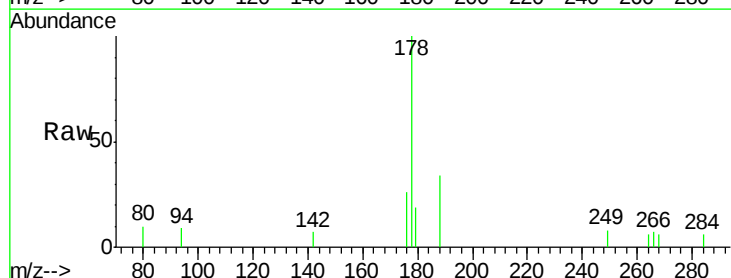
Abundance Ion 178.00 (177.70 to 178.70): E

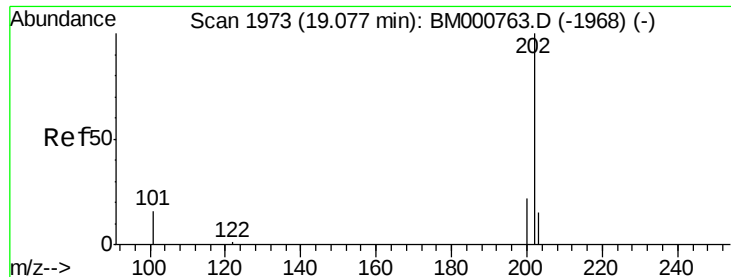
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.00 17.20 17.40





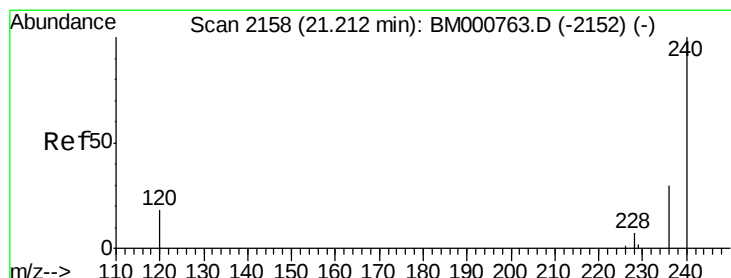
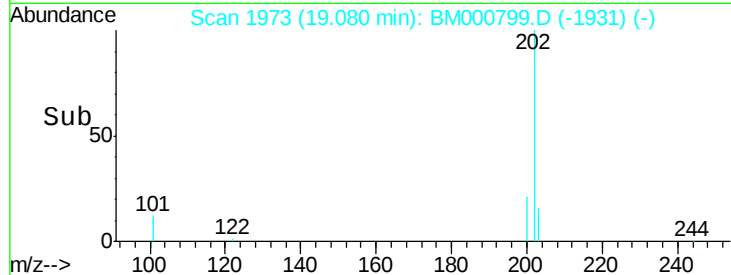
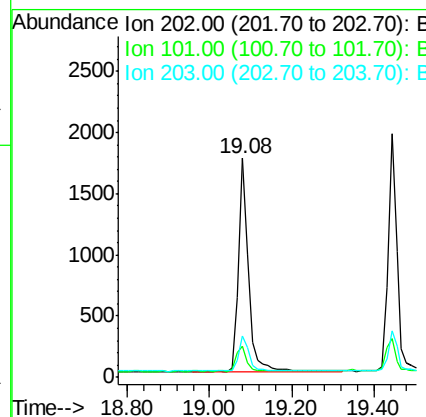
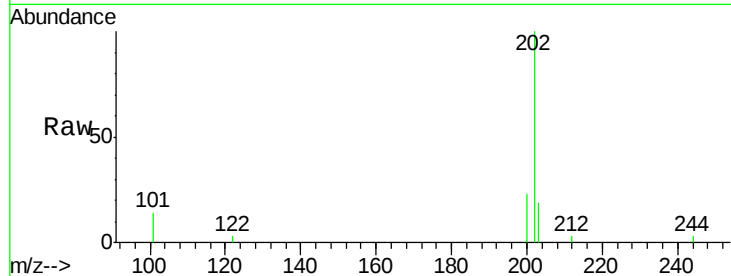
#18
 Fluoranthene
 Concen: 0.12 ng
 RT: 19.08 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BM000799.D
 Acq: 02 Apr 2015 00:06

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
203	17.9	13.8	20.8

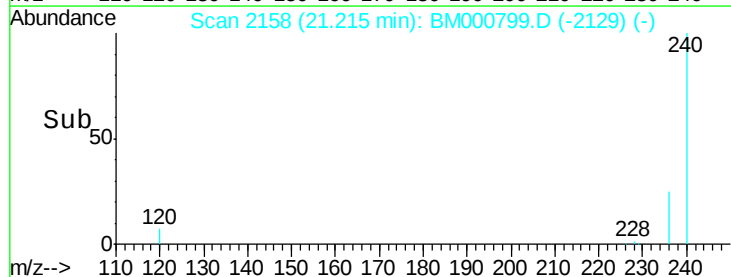
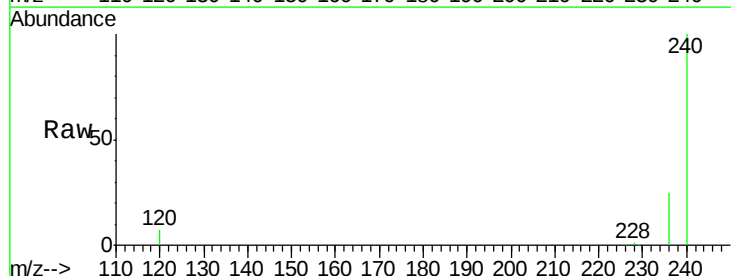
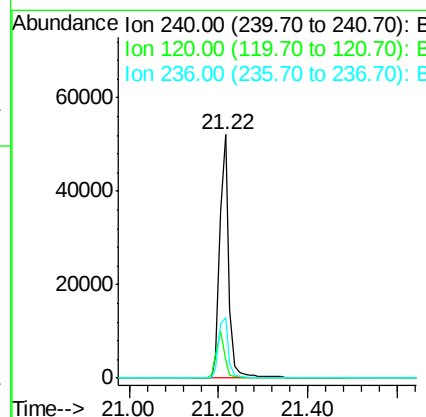
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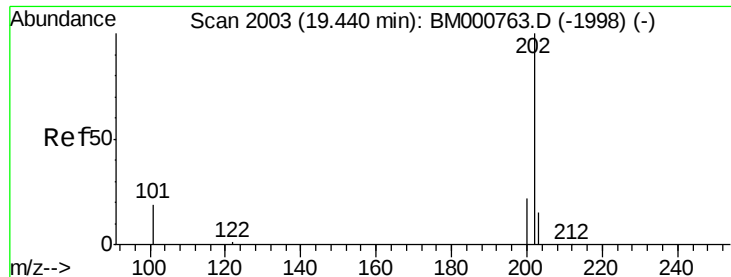
apatel
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#19
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.22 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BM000799.D
 Acq: 02 Apr 2015 00:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	14.9	22.3#
236	25.0	24.2	36.4





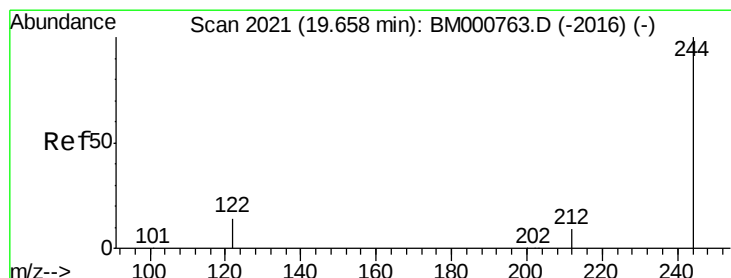
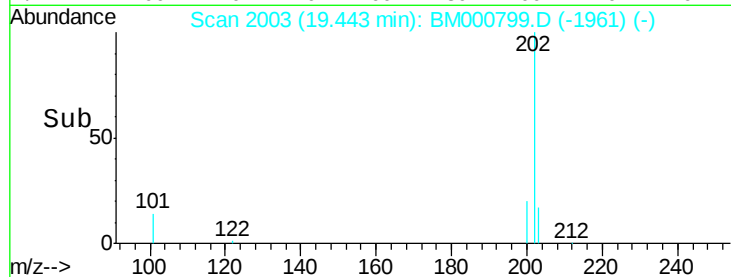
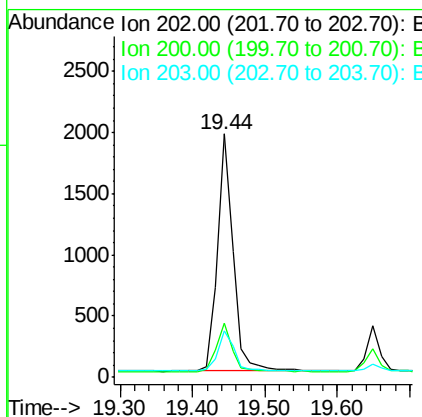
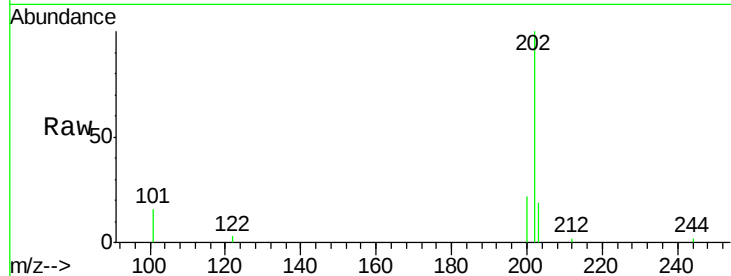
#20
Pyrene
Concen: 0.12 ng
RT: 19.44 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.2
203	18.7	13.9	20.9

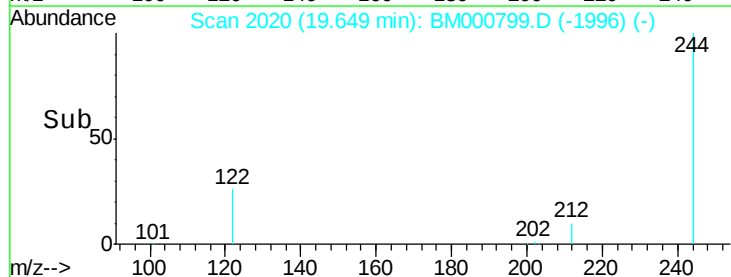
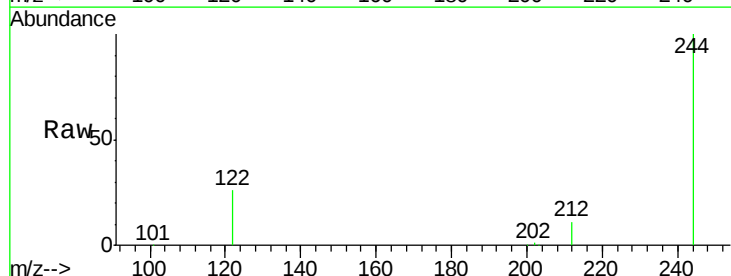
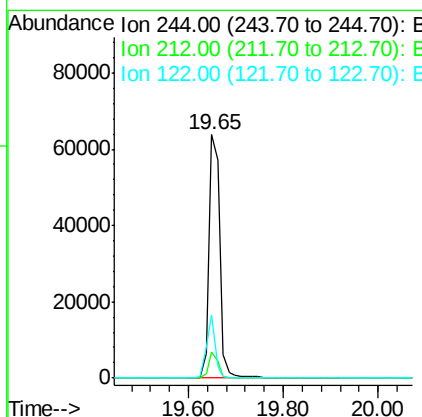
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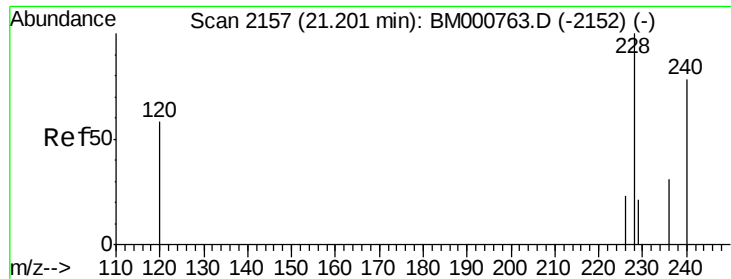
apatel
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#21
Terphenyl-d14
Concen: 11.59 ng
RT: 19.65 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	26.2	11.8	17.8#





#22

Benzo(a)anthracene

Concen: 0.13 ng

RT: 21.19 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM000799.D

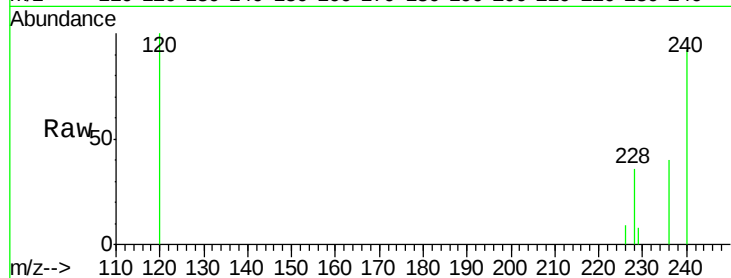
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

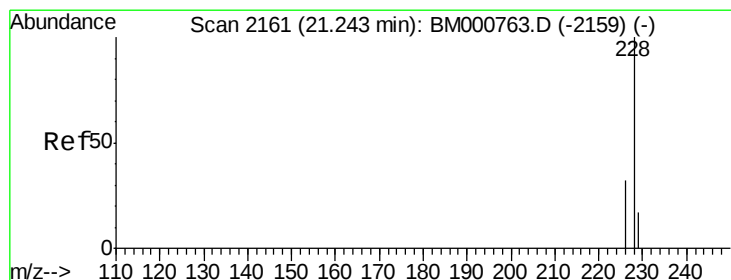
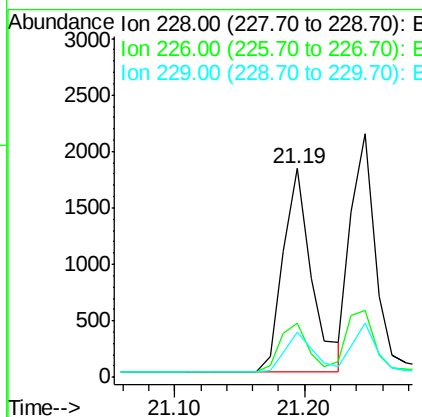
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	18.6	27.8
229	21.6	17.2	25.8

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#23

Chrysene

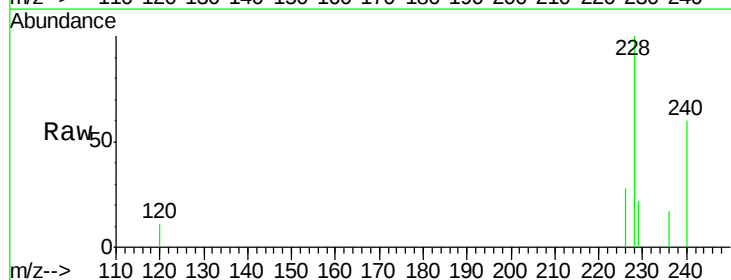
Concen: 0.14 ng

RT: 21.25 min Scan# 2161

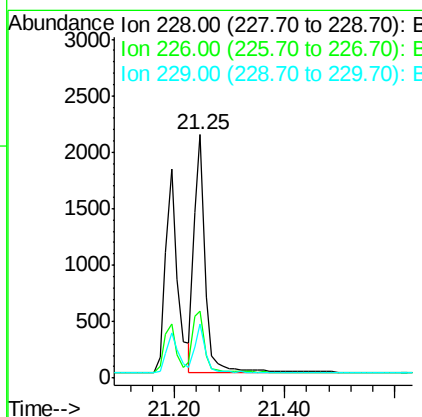
Delta R.T. 0.00 min

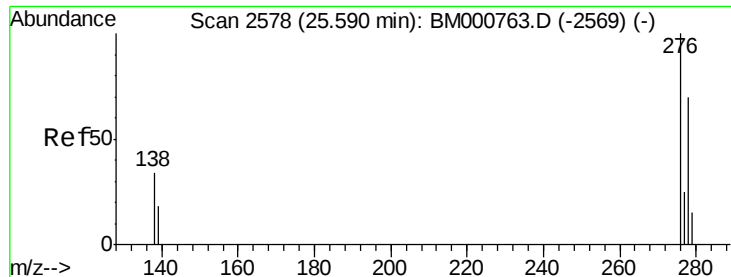
Lab File: BM000799.D

Acq: 02 Apr 2015 00:06



Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	25.8	38.8
229	22.1	13.8	20.6#





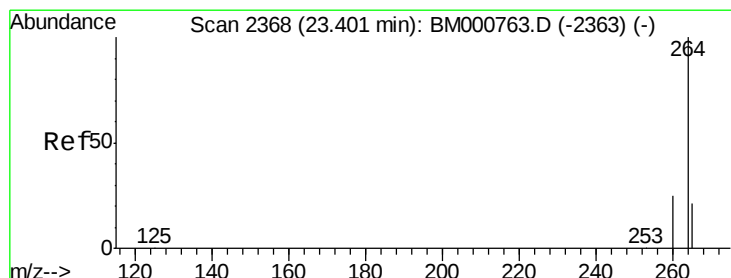
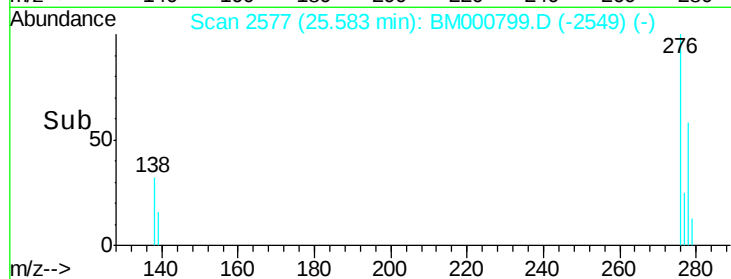
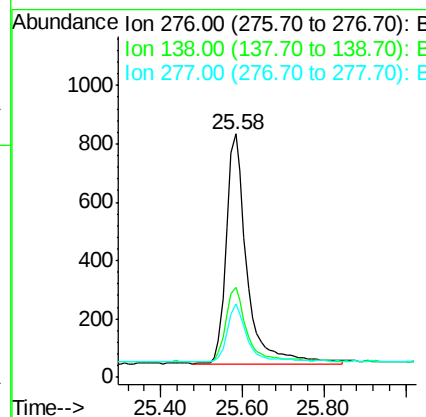
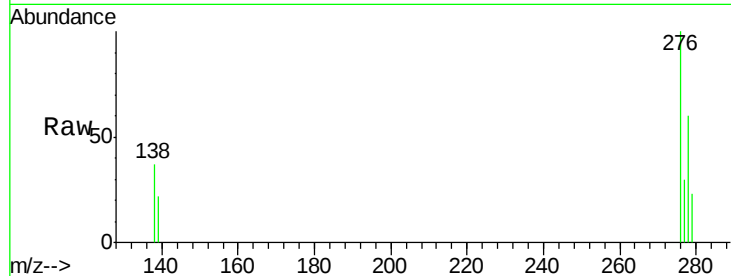
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.12 ng
 RT: 25.58 min Scan# 2577
 Delta R.T. -0.01 min
 Lab File: BM000799.D
 Acq: 02 Apr 2015 00:06

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER2015-02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	27.4	41.2
277	24.5	19.7	29.5

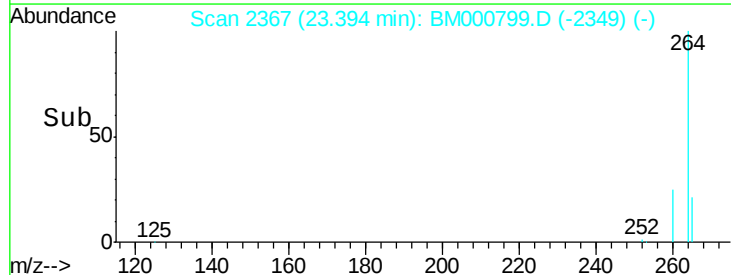
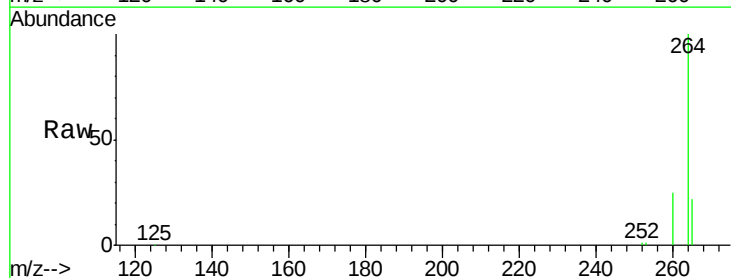
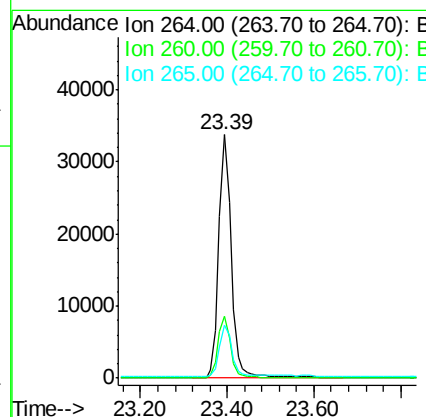
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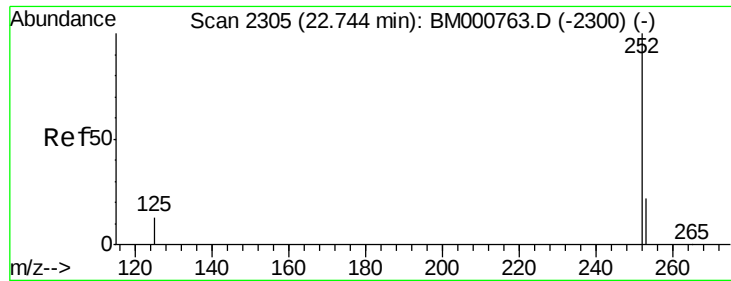
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#25
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 2367
 Delta R.T. -0.01 min
 Lab File: BM000799.D
 Acq: 02 Apr 2015 00:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.6	17.4	26.0





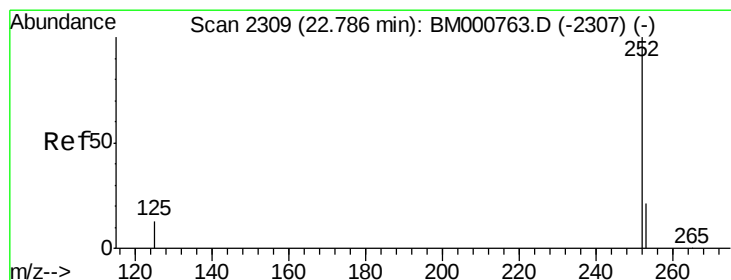
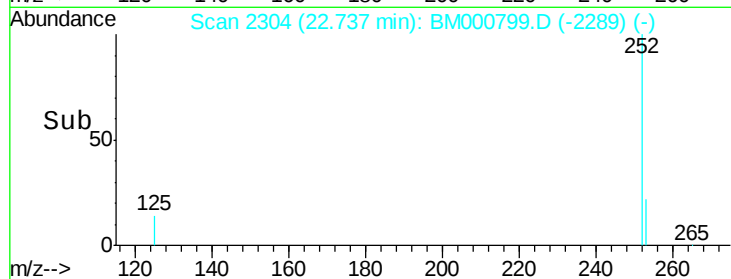
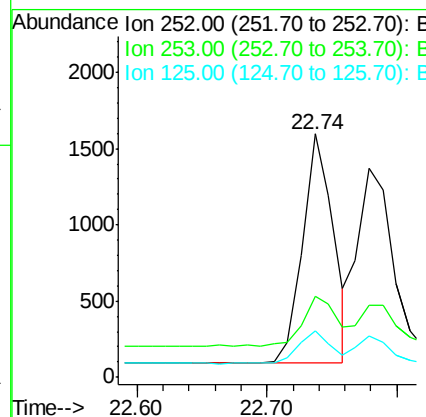
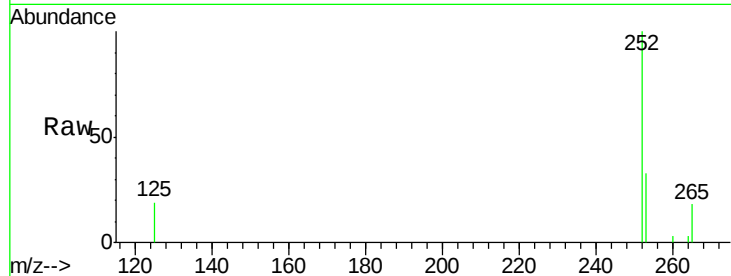
#26
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 22.74 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.4	18.5	27.7#
125	19.0	10.6	16.0#

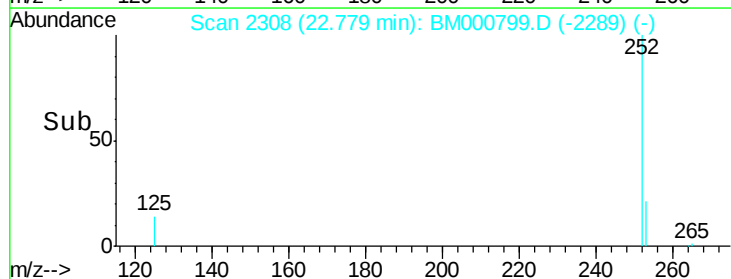
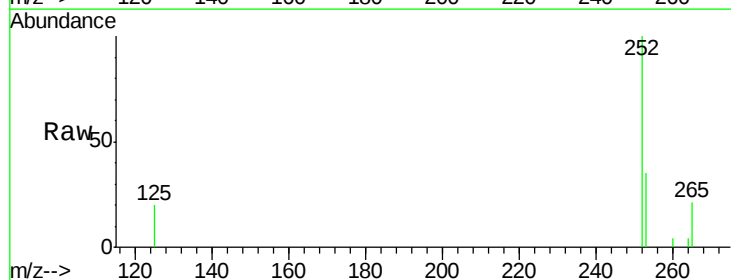
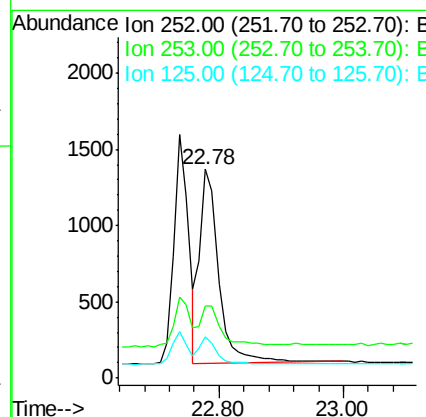
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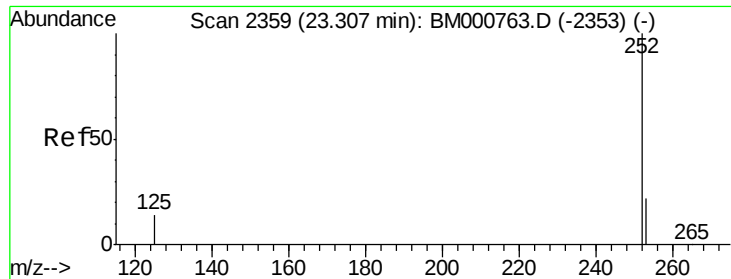
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#27
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 22.78 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BM000799.D
Acq: 02 Apr 2015 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.9	26.9#
125	19.8	10.8	16.2#





#28

Benzo(a)pyrene

Concen: 0.13 ng

RT: 23.30 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM000799.D

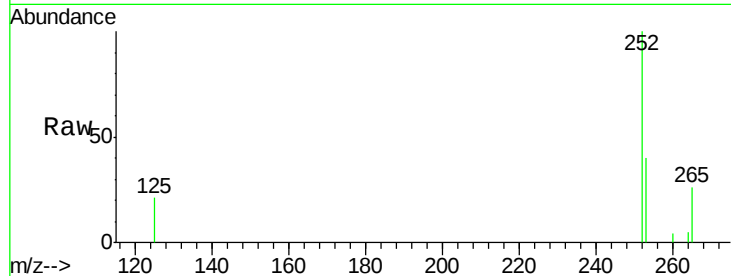
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

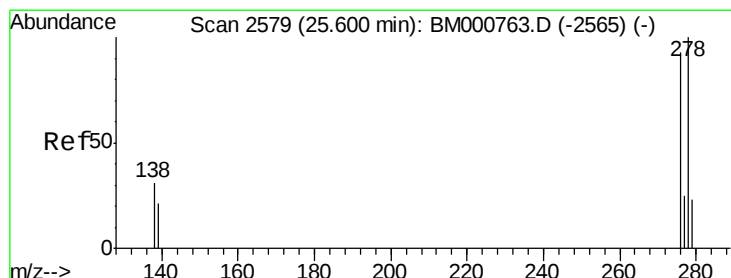
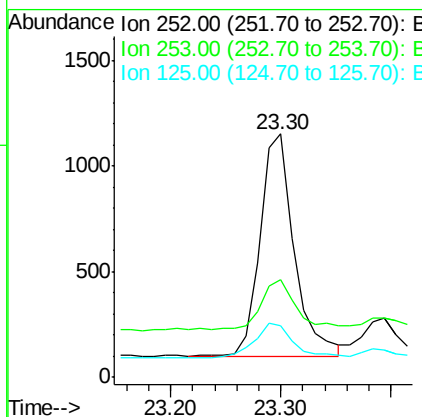
LOQ-WATER2015-02



Tgt Ion:	252	Resp:	2244
Ion Ratio	Lower	Upper	
252	100		
253	40.2	19.4	29.2#
125	21.1	11.5	17.3#

Manual Integrations
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#29

Dibenzo(a,h)anthracene

Concen: 0.12 ng

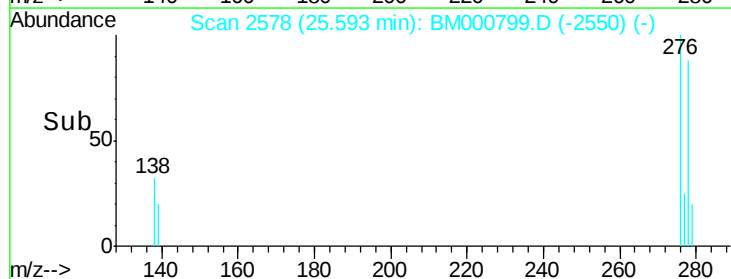
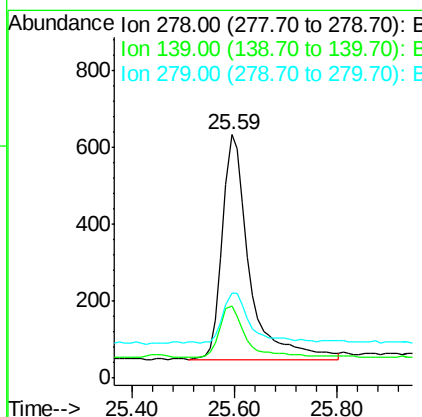
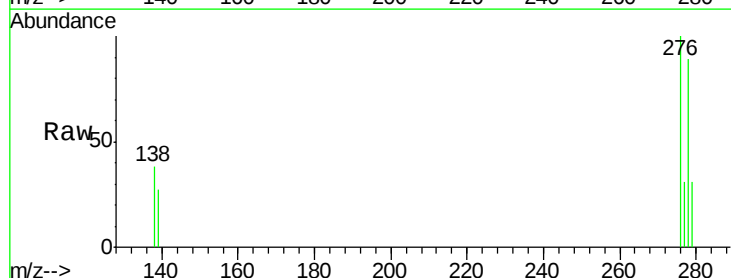
RT: 25.59 min Scan# 2578

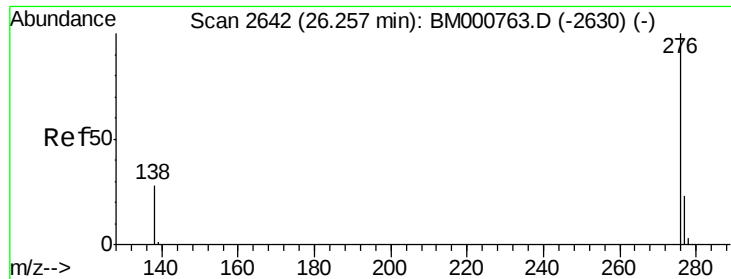
Delta R.T. -0.01 min

Lab File: BM000799.D

Acq: 02 Apr 2015 00:06

Tgt Ion:	278	Resp:	2139
Ion Ratio	Lower	Upper	
278	100		
139	29.7	17.8	26.6#
279	34.8	19.3	28.9#





#30

Benzo(g,h,i)perylene

Concen: 0.13 ng

RT: 26.25 min Scan# 2641

Delta R.T. -0.01 min

Lab File: BM000799.D

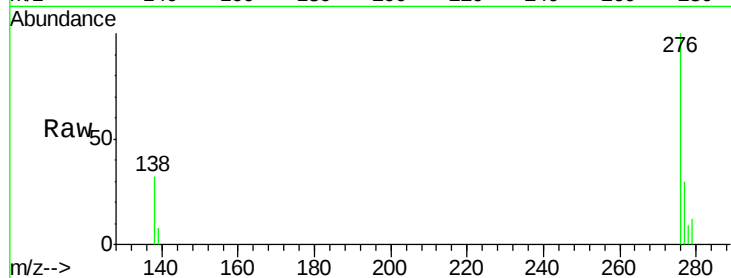
Acq: 02 Apr 2015 00:06

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER2015-02



Tgt Ion: 276 Resp: 2513

Ion Ratio Lower Upper

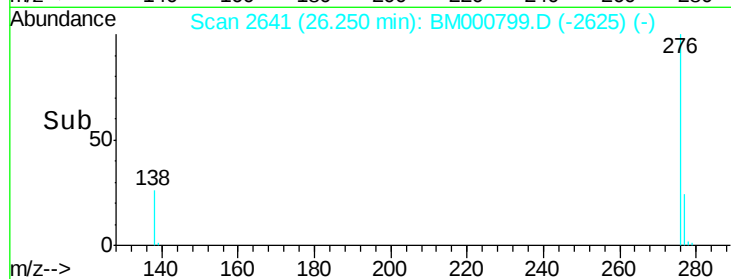
276 100

277 29.7 19.1 28.7#

138 31.6 23.1 34.7

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

