Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001763.D
Acq On : 19 Jun 2015 15:50
Operator : TP/IZ
Sample : G2653-05
Misc : LOD-SIM-WATER-1PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOD-WATER2015-01

Manual Integrations APPROVED
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Quant Time: Jun 20 02:23:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	17498	5.00	ng		0.00
6) Naphthalene-d8	10.46	136	64064	5.00	ng		0.00
12) Acenaphthene-d10	14.32	164	31291	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	82256	5.00	ng		0.00
25) Chrysene-d12	21.25	240	52480	5.00	ng		0.00
32) Perylene-d12	23.47	264	46785	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	45363	11.09	ng		0.00
5) Phenol-d6	6.83	99	58749	11.16	ng		0.00
7) Nitrobenzene-d5	8.83	82	34688	6.94	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	11220	11.48	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	76025	6.80	ng		0.00
27) Terphenyl-d14	19.70	244	54090	6.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	215	0.11	ng	#	73
3) n-Nitrosodimethylamine	3.49	42	183	0.06	ng	#	91
8) Nitrobenzene	8.87	77	519	0.10	ng	#	89
9) Naphthalene	10.49	128	1022	0.07	ng	#	82
10) Hexachlorobutadiene	10.78	225	172	0.07	ng		96
11) 2-Methylnaphthalene	12.13	142	668	0.07	ng		93
15) Acenaphthylene	14.03	152	892	0.06	ng		100
16) Acenaphthene	14.37	154	615	0.07	ng		97
17) Fluorene	15.36	166	611	0.08	ng		99
19) 4-Bromophenyl-phenylether	16.24	248	210	0.06	ng		98
20) Hexachlorobenzene	16.38	284	155	0.07	ng	#	100
21) Pentachlorophenol	16.72	266	61	0.06	ng	#	79
22) Phenanthrene	17.09	178	1800	0.06	ng		96
23) Anthracene	17.19	178	789m	0.07	ng		
24) Fluoranthene	19.12	202	1164	0.07	ng		100
26) Pyrene	19.49	202	1198	0.07	ng		100
28) Benzo(a)anthracene	21.24	228	1279	0.08	ng	#	91
29) Chrysene	21.28	228	997	0.06	ng	#	93
30) Bis(2-ethylhexyl)phthalate	21.16	149	735	0.08	ng		100
31) Indeno(1,2,3-cd)pyrene	25.71	276	1036	0.06	ng		99
33) Benzo(b)fluoranthene	22.80	252	1048	0.07	ng	#	73
34) Benzo(k)fluoranthene	22.84	252	904	0.07	ng	#	72
35) Benzo(a)pyrene	23.38	252	871	0.07	ng	#	65
36) Dibenzo(a,h)anthracene	25.72	278	831	0.06	ng	#	72
37) Benzo(g,h,i)perylene	26.39	276	945	0.07	ng	#	79

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

Quantitation Report (QT Reviewed)

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Data File : BM001763.D
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Misc : LOD-SIM-WATER-1PPM
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Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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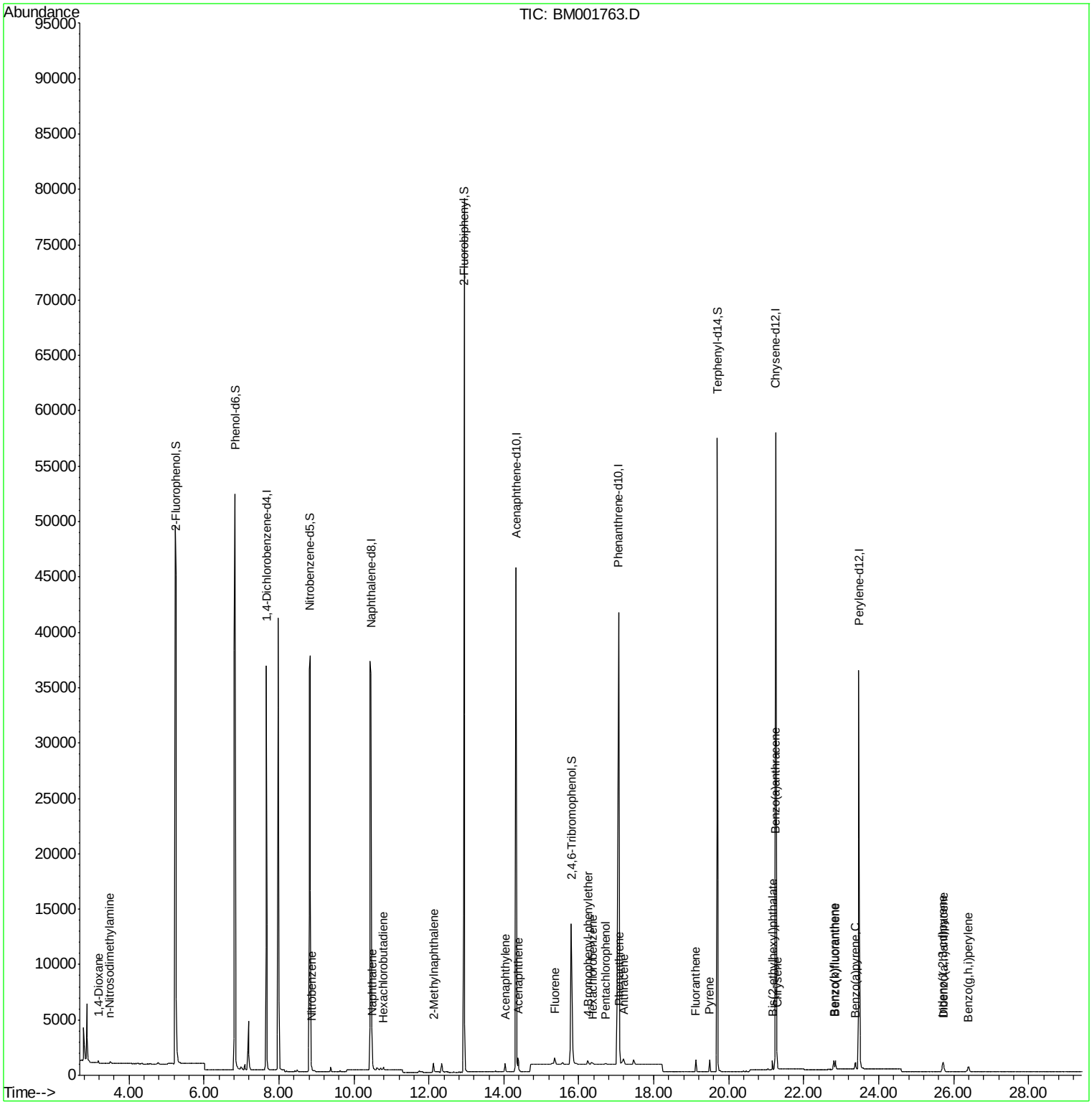
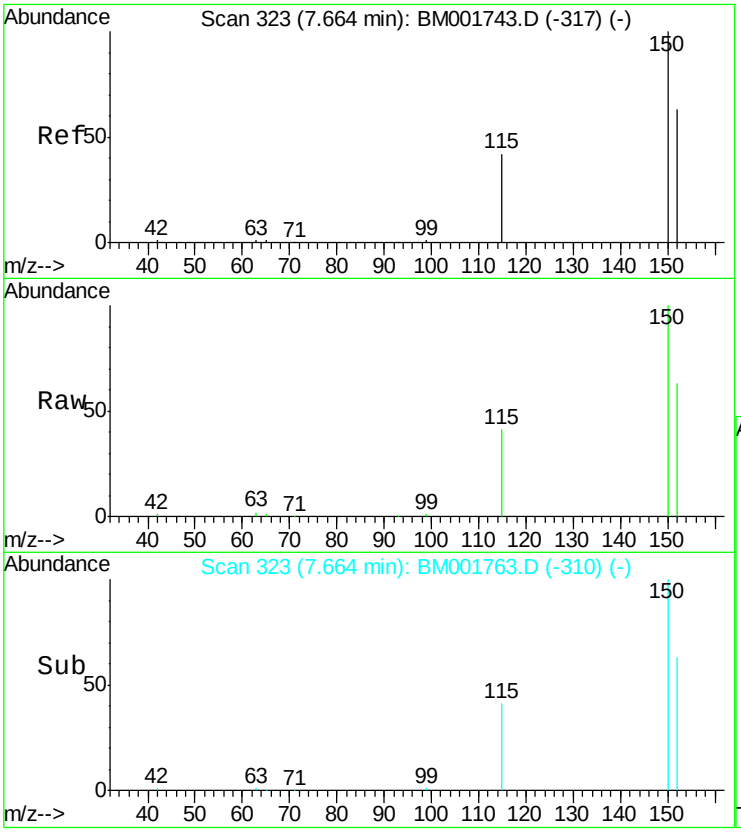
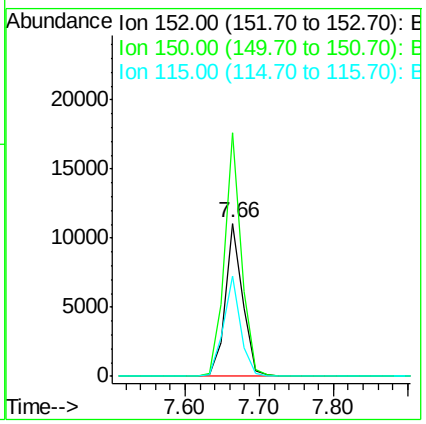




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:152 Resp: 17498

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.5	191.3
115	65.6	53.2	79.8



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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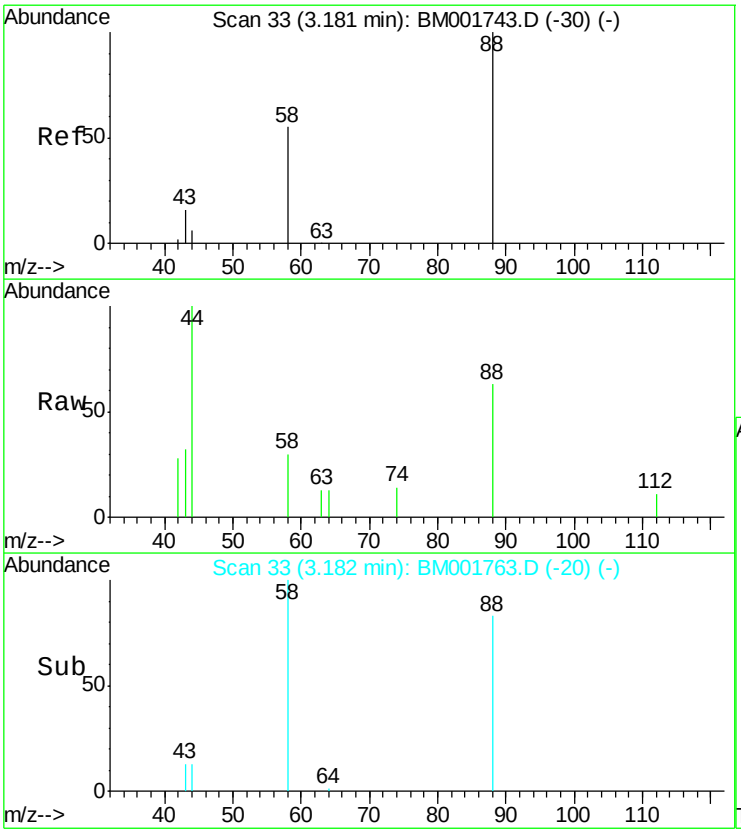
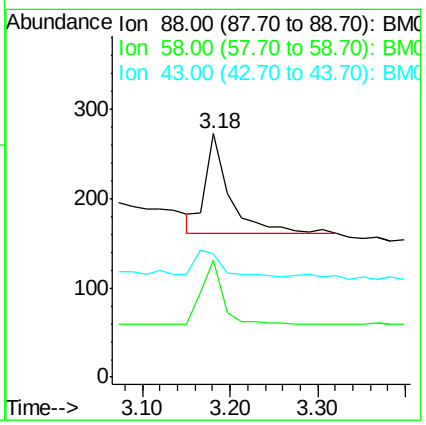
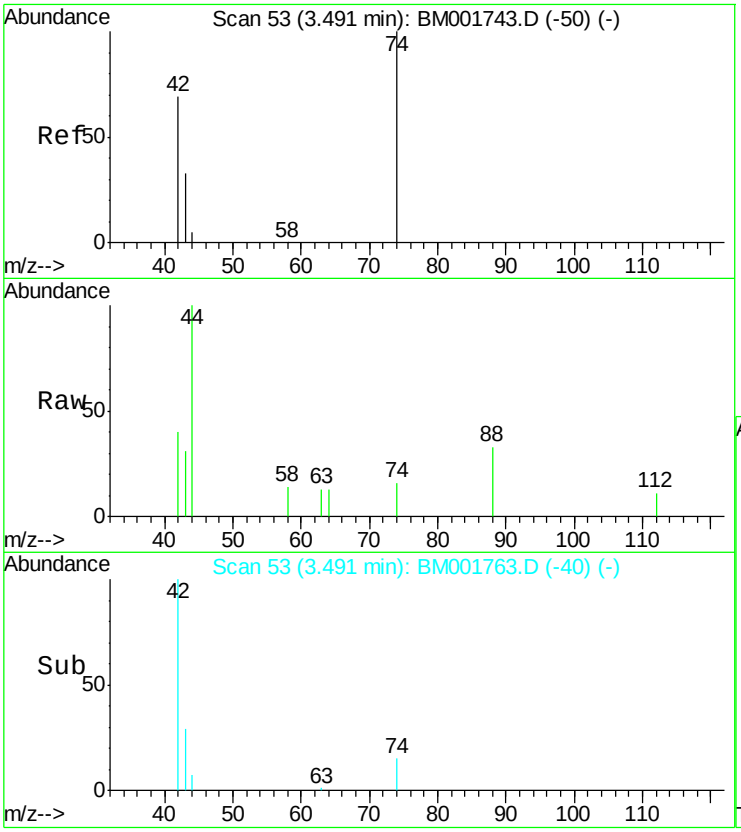


#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion: 88 Resp: 215

Ion	Ratio	Lower	Upper
88	100		
58	57.2	68.3	102.5#
43	28.8	32.6	48.8#





#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
74	92.3	78.6	118.0
44	25.7	5.0	7.6#

Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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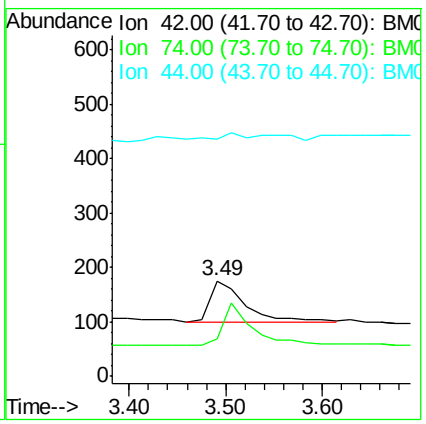
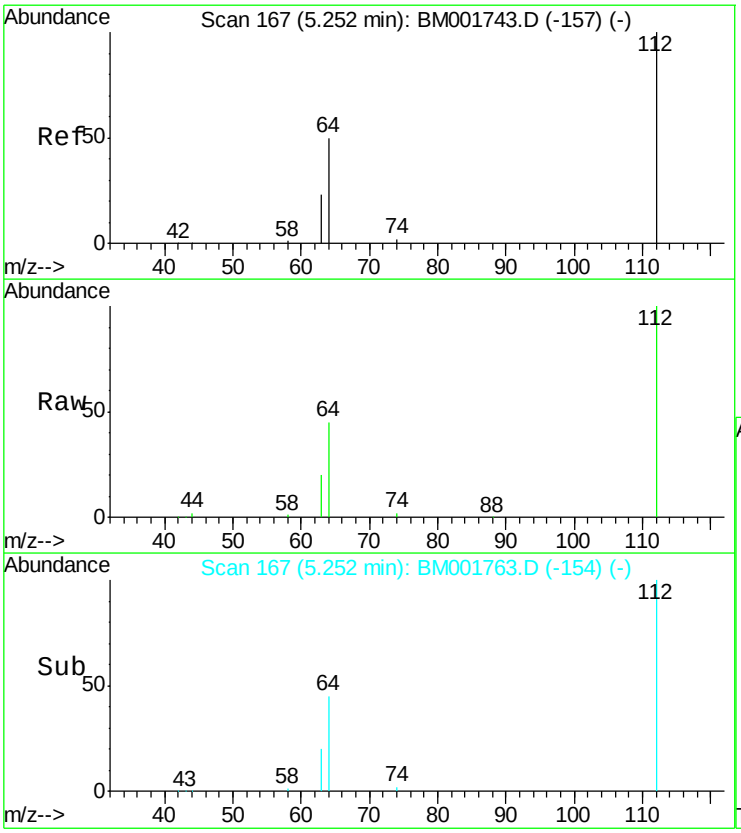
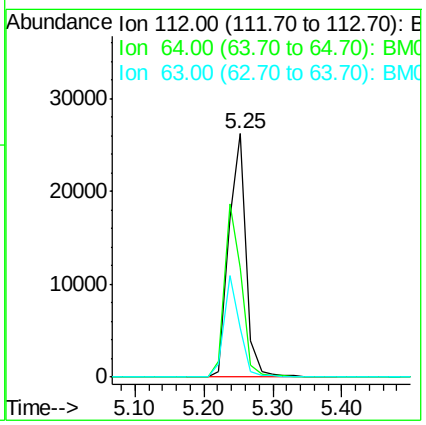


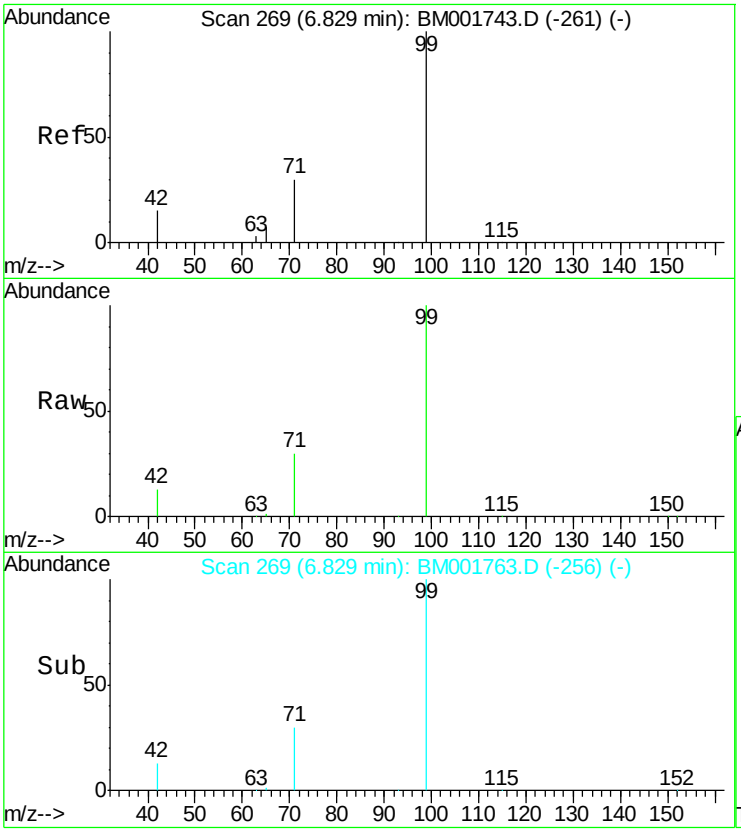


#4
2-Fluorophenol
Concen: 11.09 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:112 Resp: 45363

Ion	Ratio	Lower	Upper
112	100		
64	69.6	55.6	83.4
63	37.9	30.2	45.2

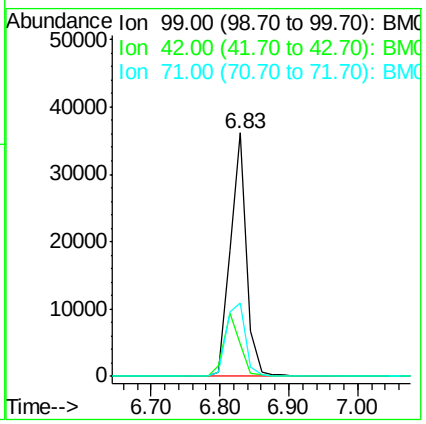




#5
Phenol-d6
Concen: 11.16 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion: 99 Resp: 58749

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.0
71	35.8	28.3	42.5



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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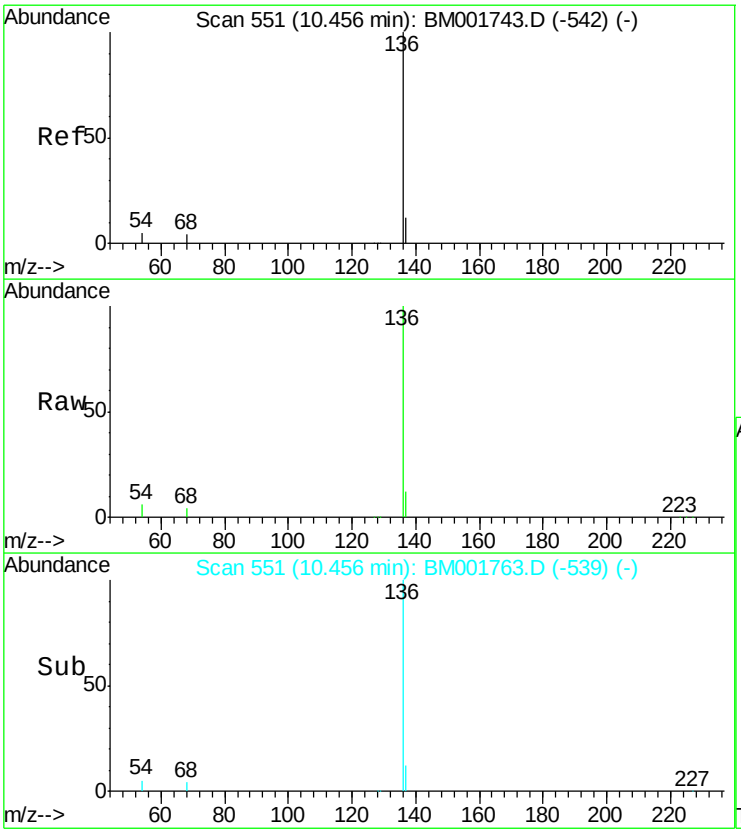
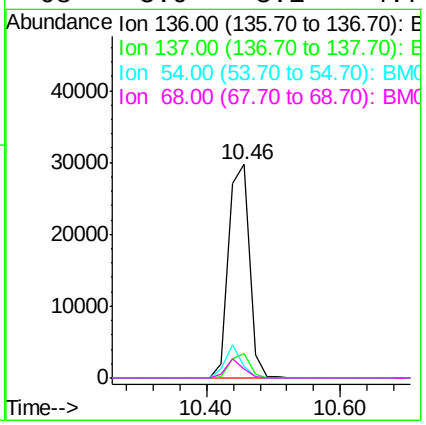
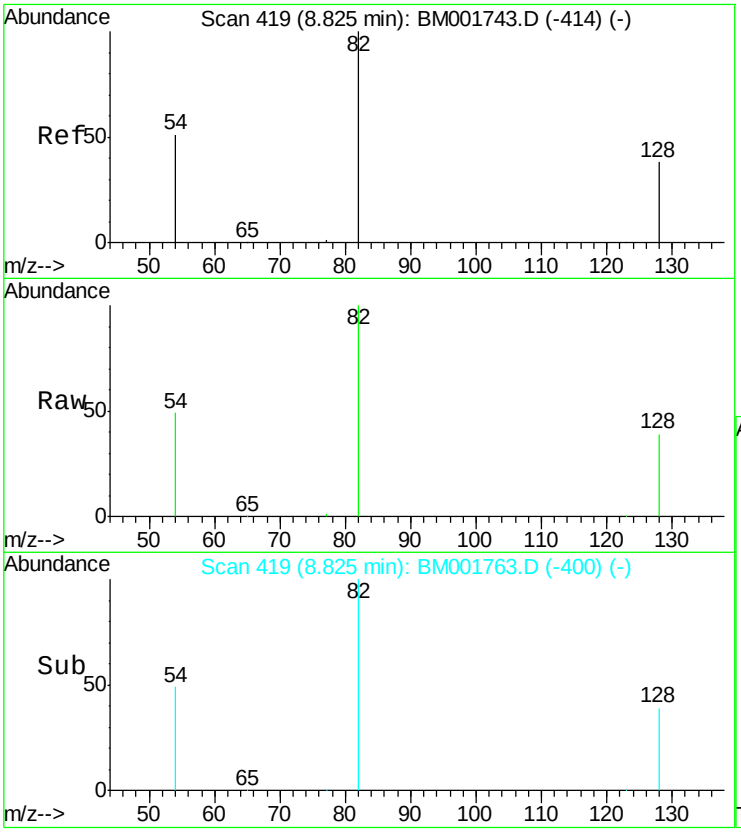


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.46 min Scan# 551
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:136 Resp: 64064

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	5.6	4.4	6.6
68	3.9	3.1	4.7

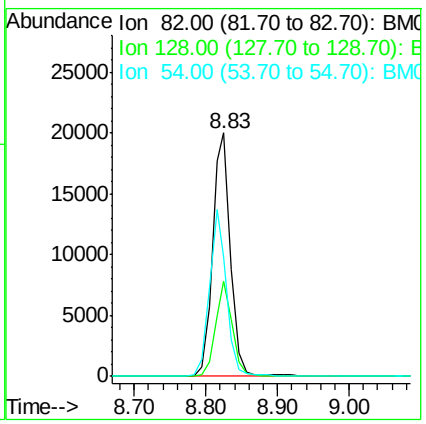




#7
Nitrobenzene-d5
Concen: 6.94 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion: 82 Resp: 34688

Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.3	46.9
54	49.1	41.9	62.9



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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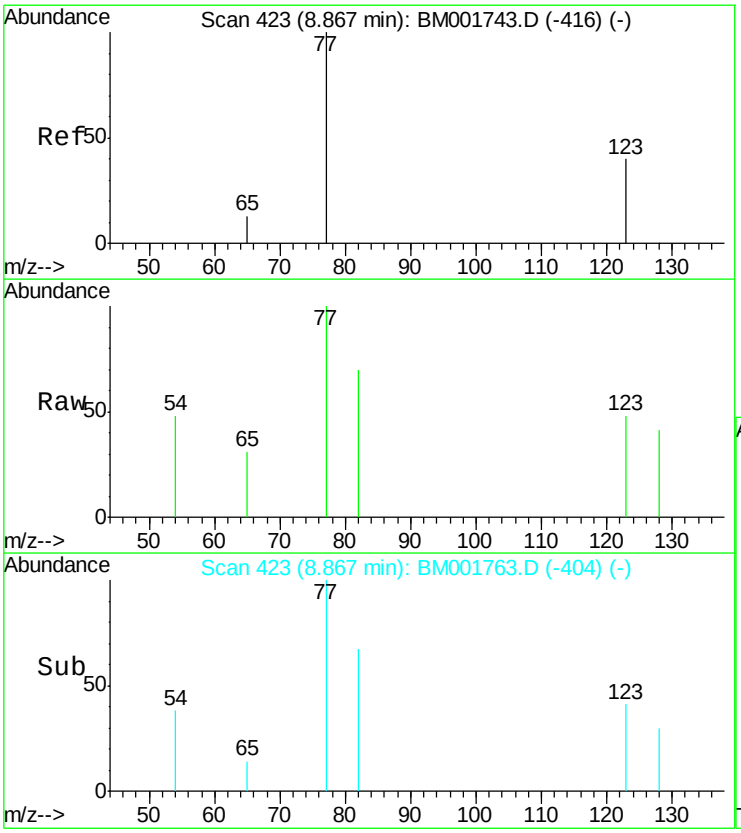
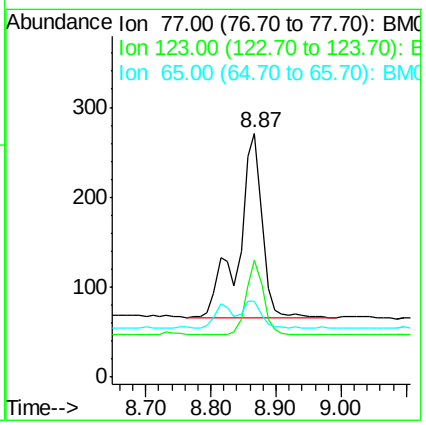
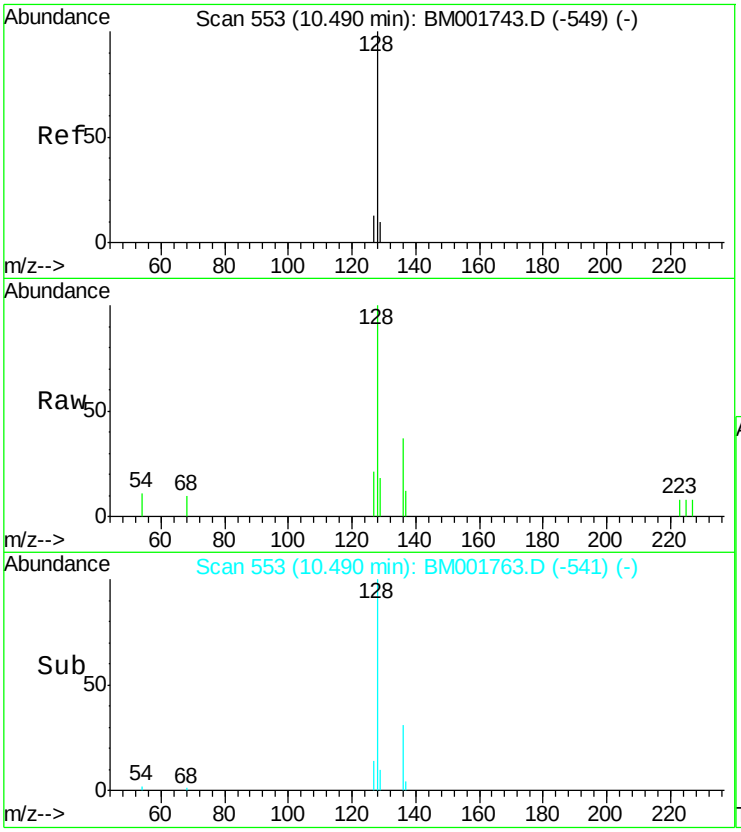


#8
Nitrobenzene
Concen: 0.10 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion: 77 Resp: 519

Ion	Ratio	Lower	Upper
77	100		
123	29.5	30.1	45.1#
65	12.7	11.3	16.9

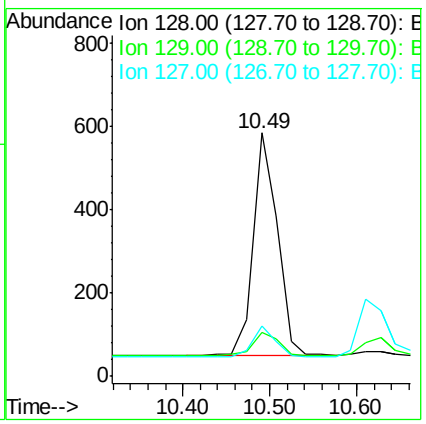




#9
Naphthalene
Concen: 0.07 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:128 Resp: 1022

Ion	Ratio	Lower	Upper
128	100		
129	18.1	8.7	13.1#
127	20.9	11.2	16.8#



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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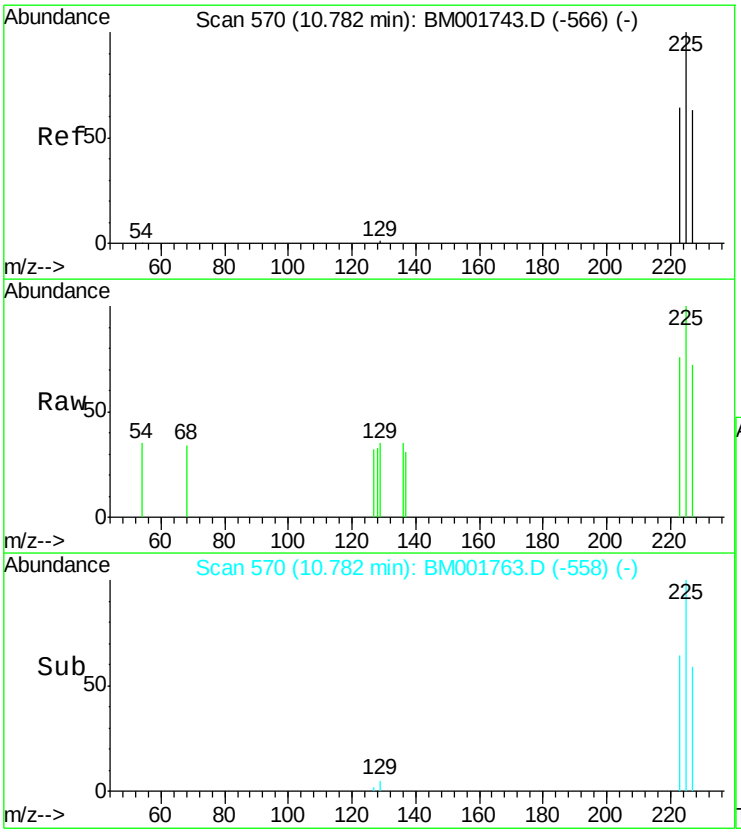
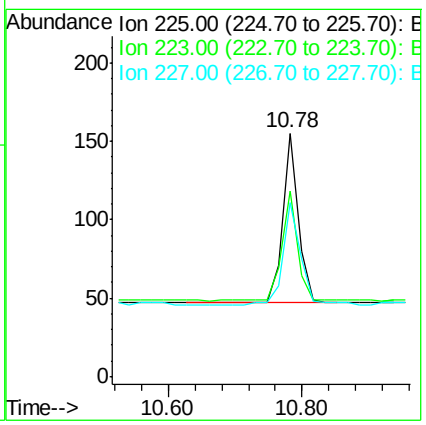
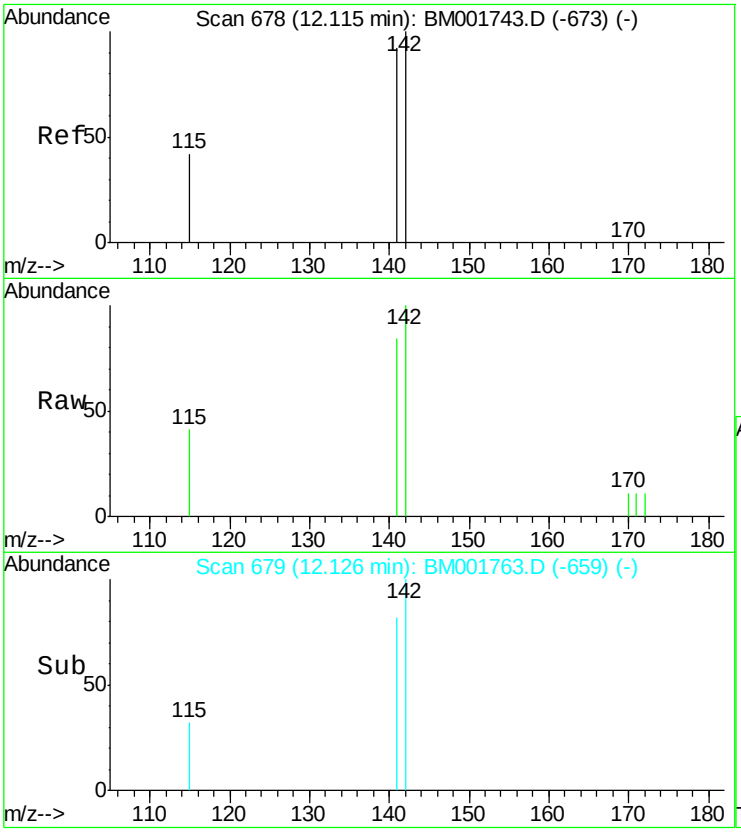


#10
Hexachlorobutadiene
Concen: 0.07 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:225 Resp: 172

Ion	Ratio	Lower	Upper
225	100		
223	68.0	51.0	76.4
227	67.4	51.8	77.8

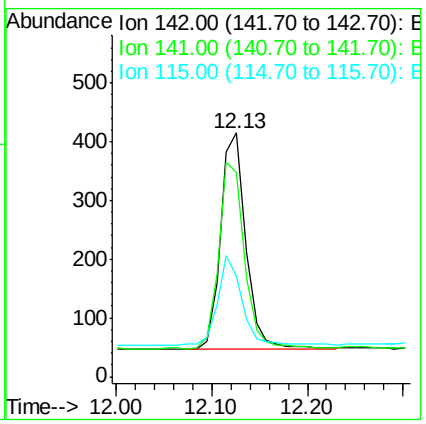




#11
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.13 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:142 Resp: 668

Ion	Ratio	Lower	Upper
142	100		
141	83.6	73.6	110.4
115	41.4	34.1	51.1



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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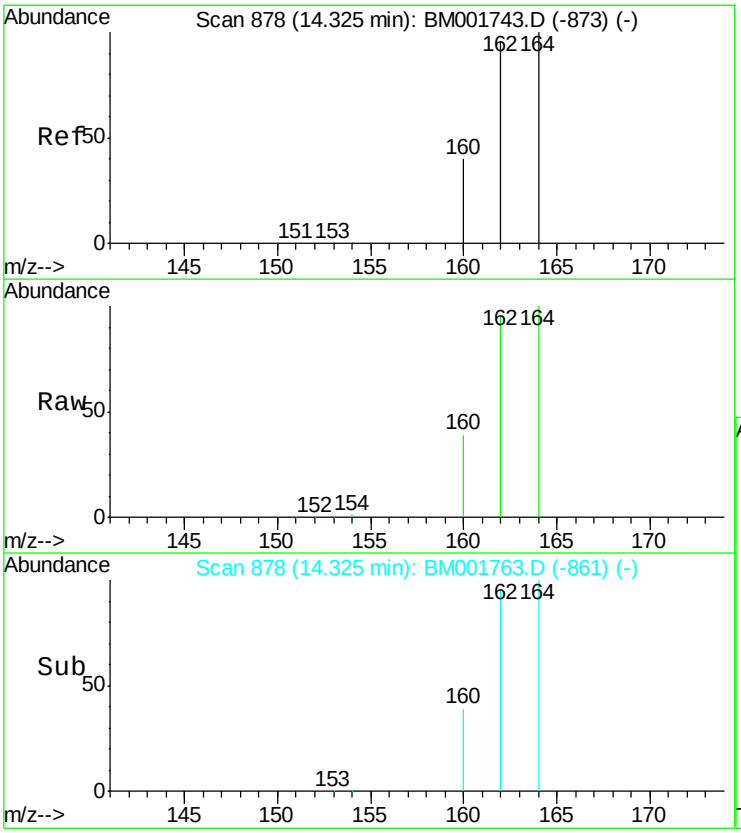
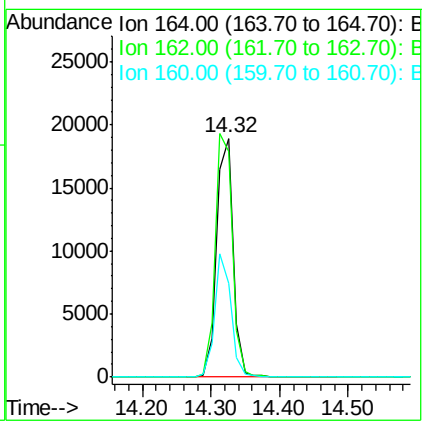
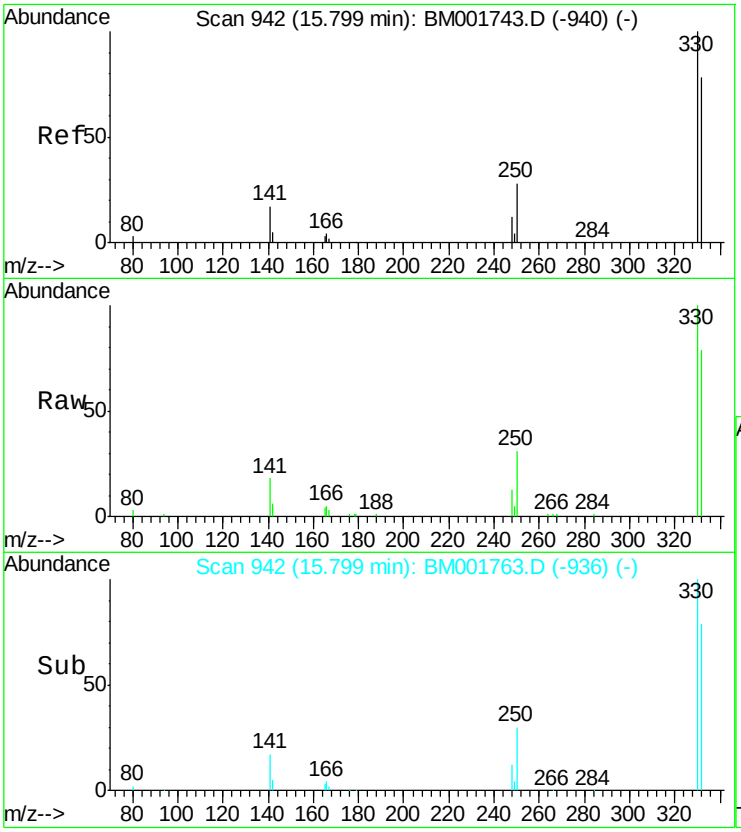


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:164 Resp: 31291

Ion	Ratio	Lower	Upper
164	100		
162	94.6	76.6	114.8
160	39.3	31.8	47.8

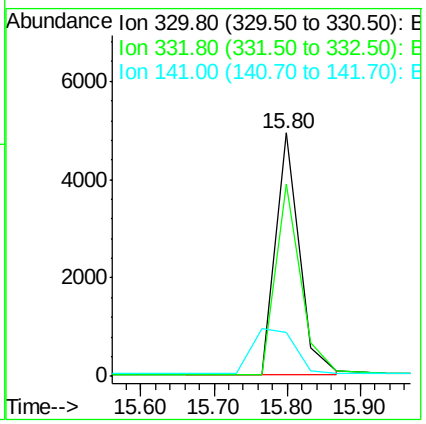




#13
2,4,6-Tribromophenol
Concen: 11.48 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:330 Resp: 11220

Ion	Ratio	Lower	Upper
330	100		
332	83.0	65.8	98.8
141	0.0	0.0	0.0



Instrument :
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ClientSampleId :
LOD-WATER2015-01

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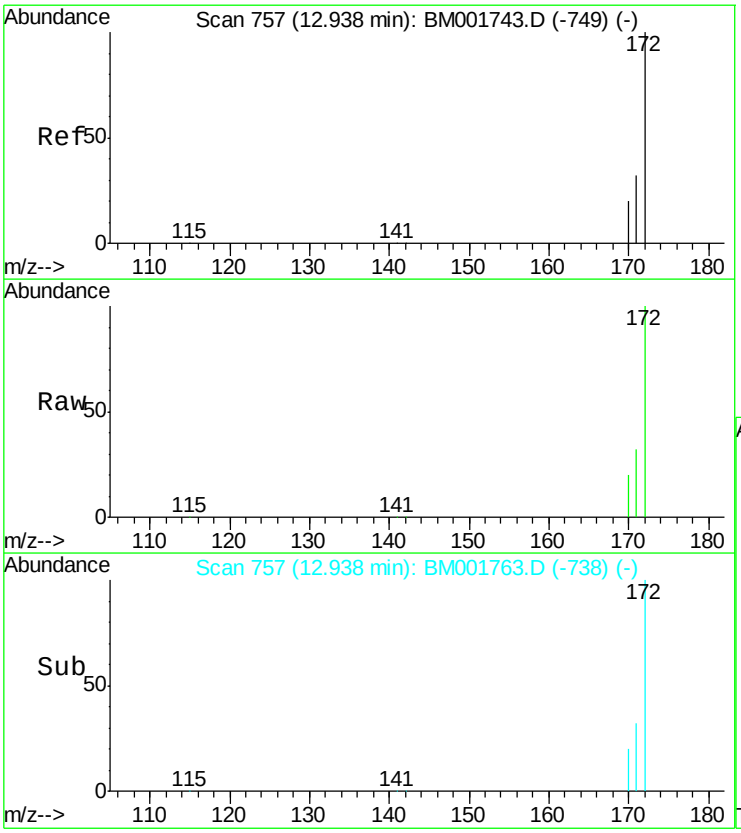
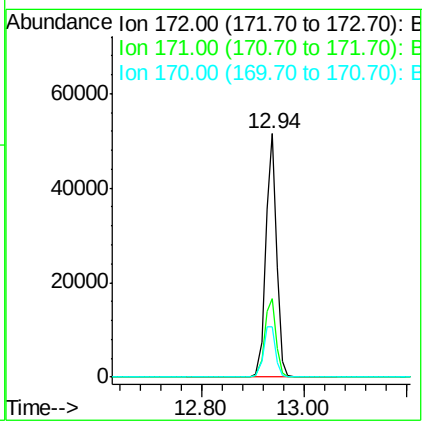
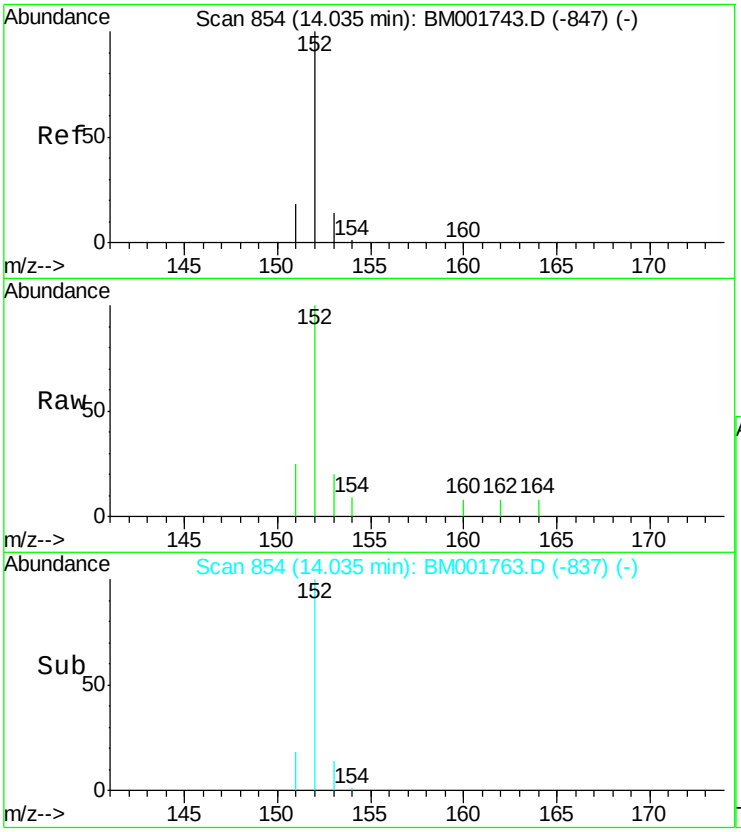


#14
2-Fluorobiphenyl
Concen: 6.80 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:172 Resp: 76025

Ion	Ratio	Lower	Upper
172	100		
171	32.5	26.2	39.2
170	20.5	16.6	24.8

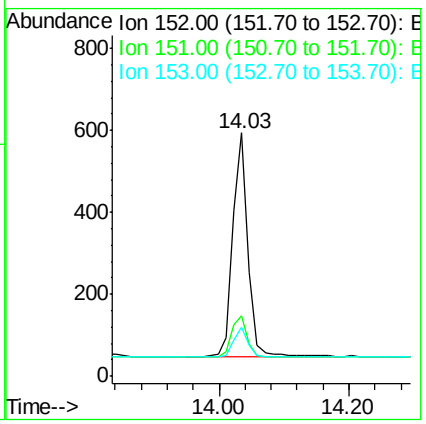




#15
Acenaphthylene
Concen: 0.06 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:152 Resp: 892

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.1	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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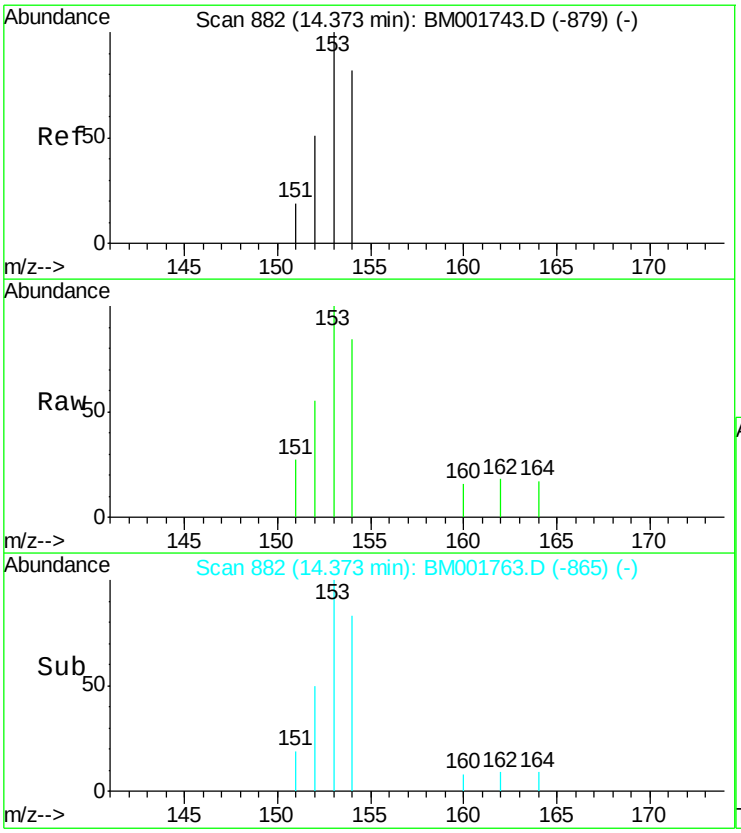
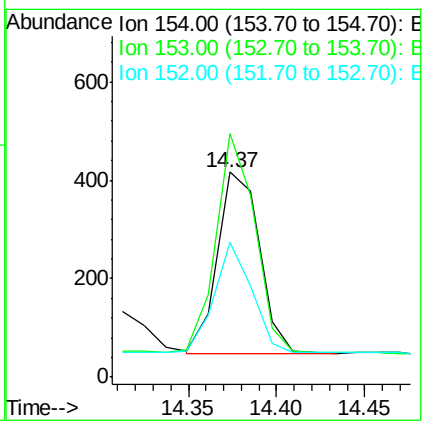
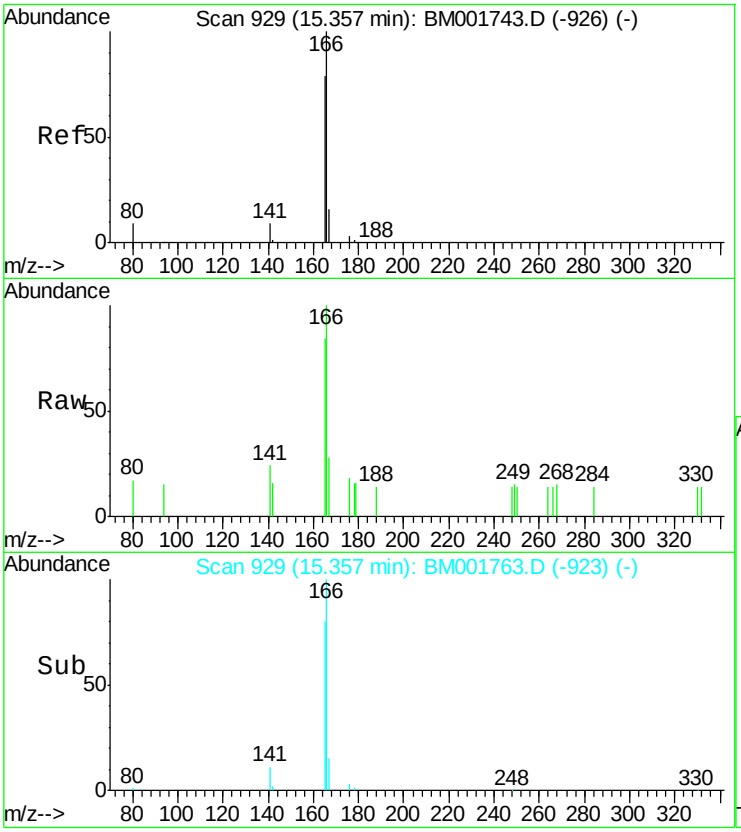


#16
Acenaphthene
Concen: 0.07 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:154 Resp: 615

Ion	Ratio	Lower	Upper
154	100		
153	116.4	90.0	135.0
152	56.7	44.2	66.4

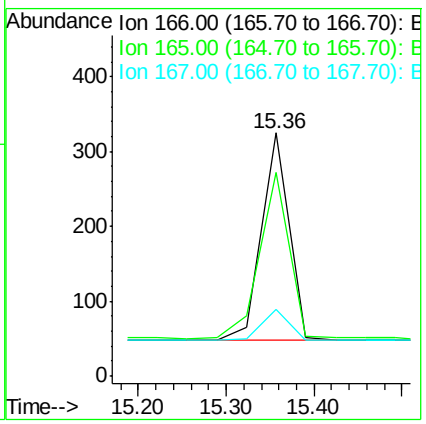




#17
Fluorene
Concen: 0.08 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:166 Resp: 611

Ion	Ratio	Lower	Upper
166	100		
165	86.7	68.2	102.2
167	15.1	12.2	18.2



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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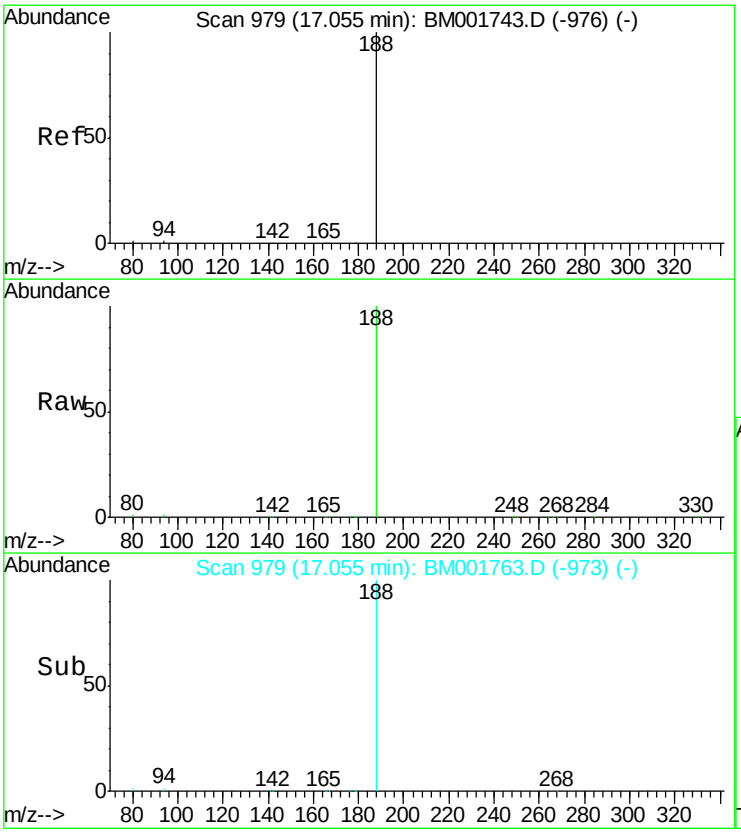
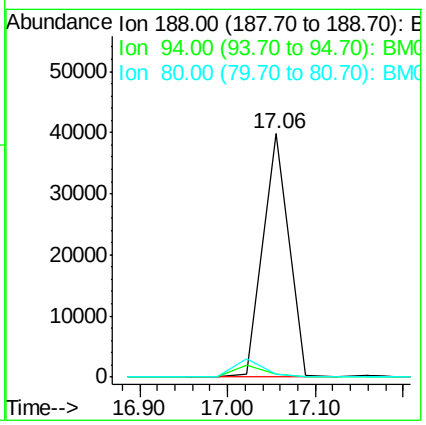
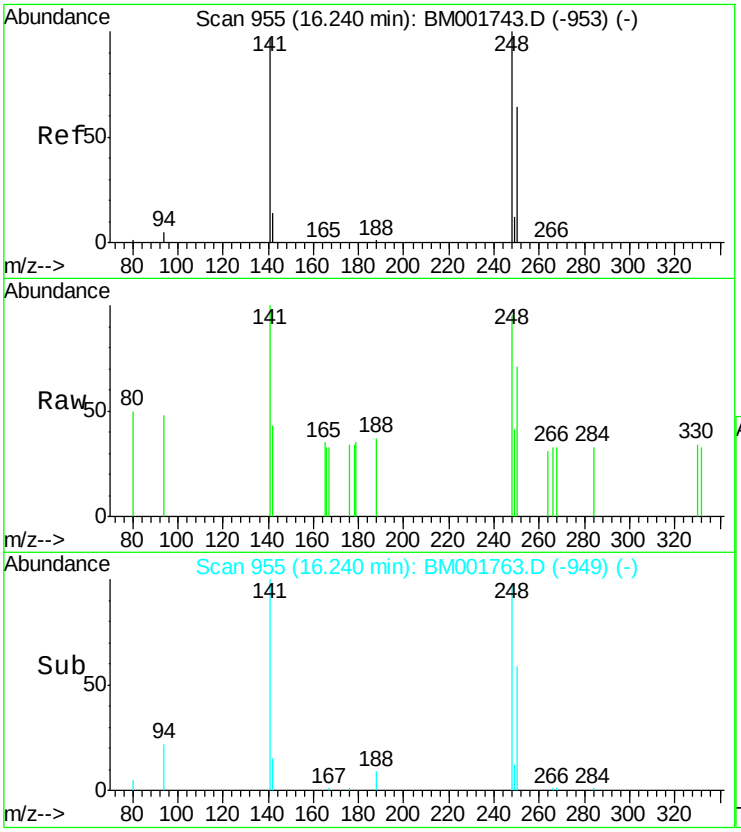


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:188 Resp: 82256

Ion	Ratio	Lower	Upper
188	100		
94	1.4	1.3	1.9
80	1.2	1.0	1.6

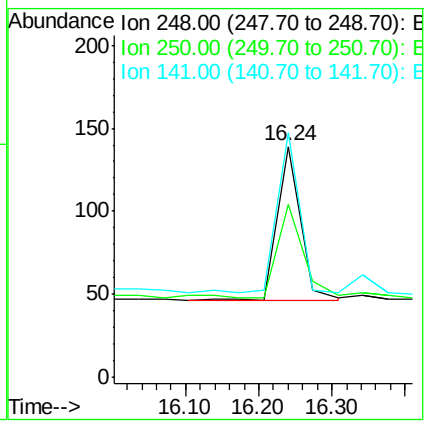




#19
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:248 Resp: 210

Ion	Ratio	Lower	Upper
248	100		
250	65.2	54.8	82.2
141	95.2	76.2	114.4



Instrument :
BNA_M
ClientSampleId :
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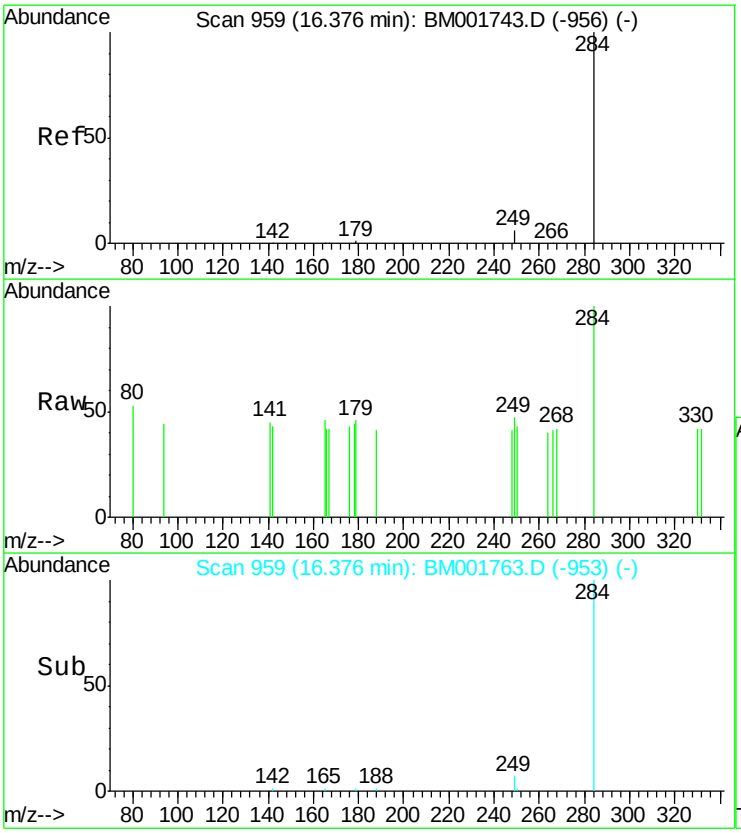
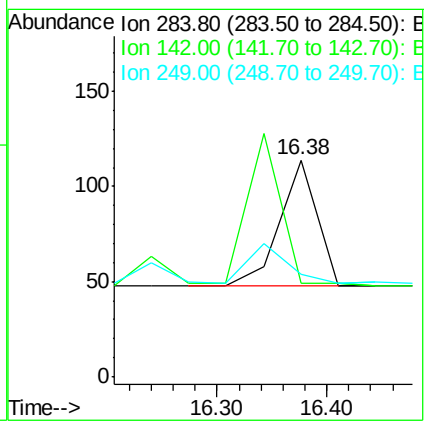
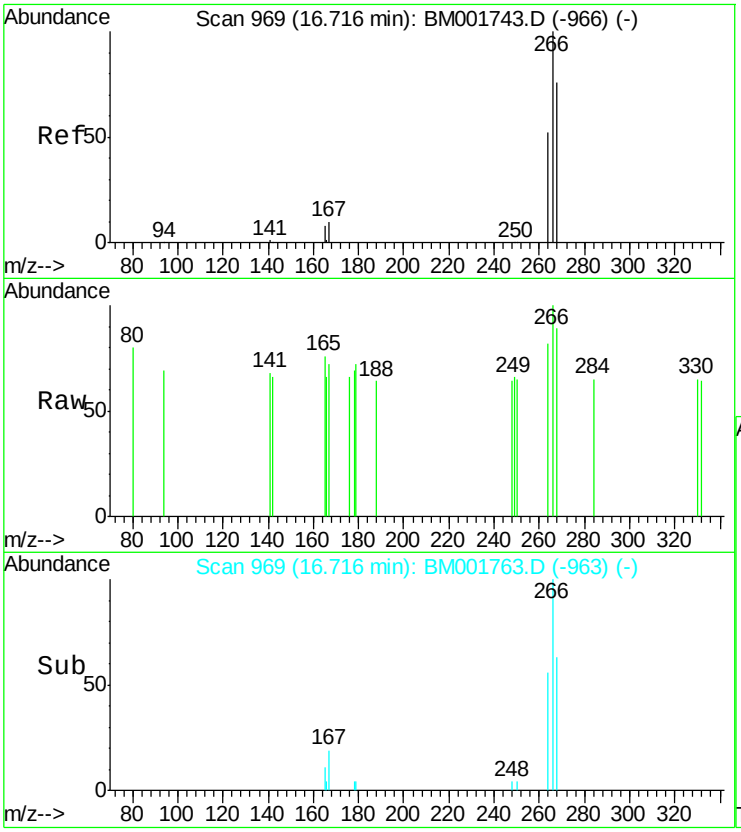


#20
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:284 Resp: 155

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

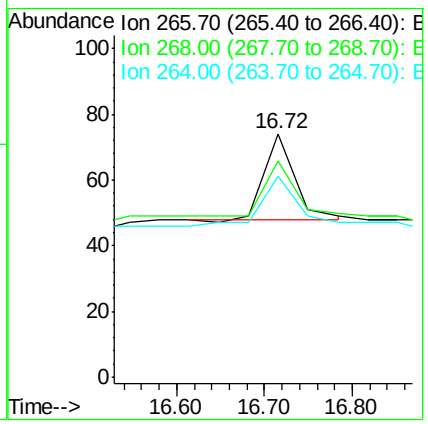




#21
Pentachlorophenol
Concen: 0.06 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
268	89.2	63.2	94.8
264	82.4	46.2	69.2#



Instrument :
BNA_M
ClientSampleId :
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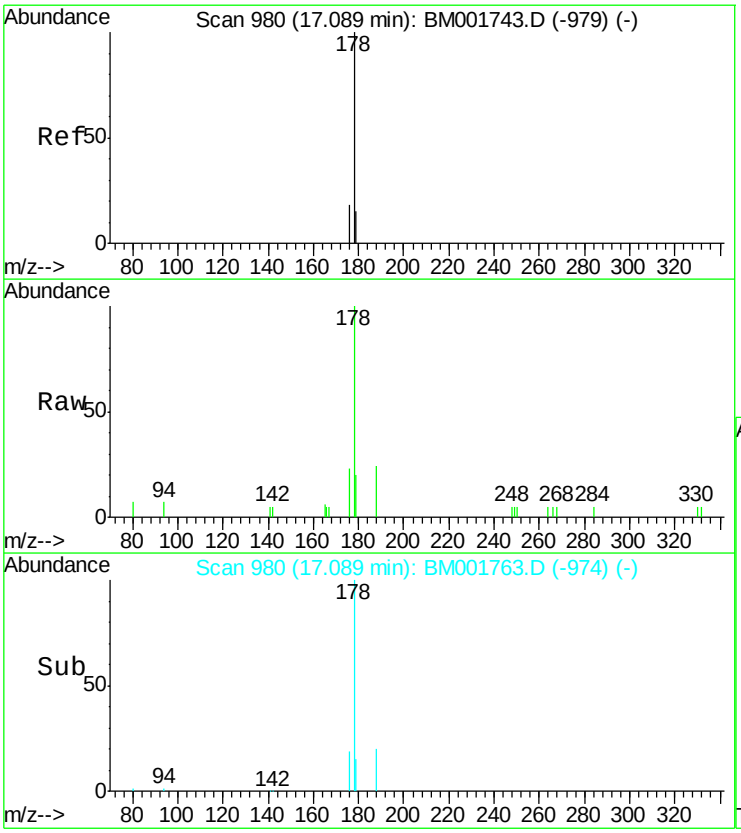
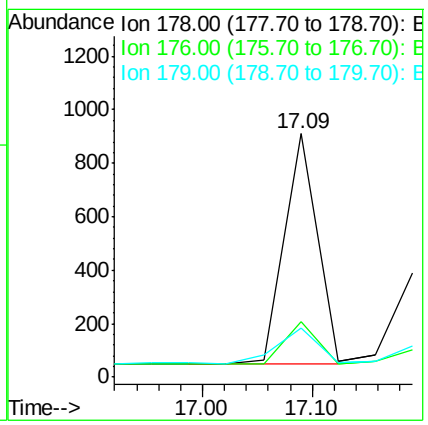
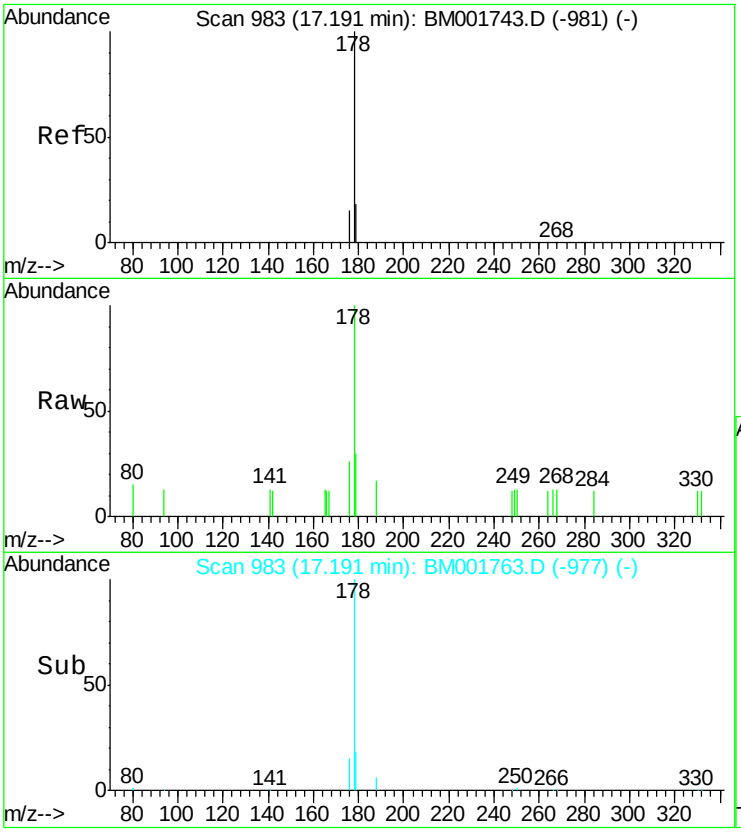


#22
Phenanthrene
Concen: 0.06 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:178 Resp: 1800

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	18.4	12.6	19.0

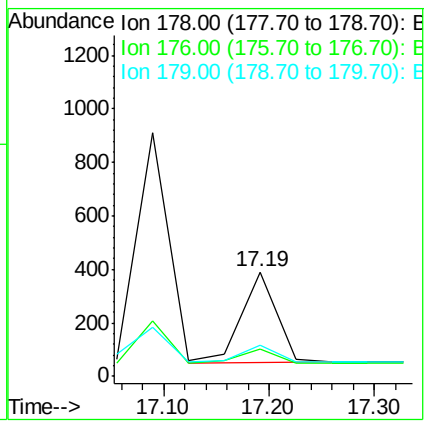




#23
Anthracene
Concen: 0.07 ng m
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:178 Resp: 789

Ion	Ratio	Lower	Upper
178	100		
176	12.9	10.0	15.0
179	16.0	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
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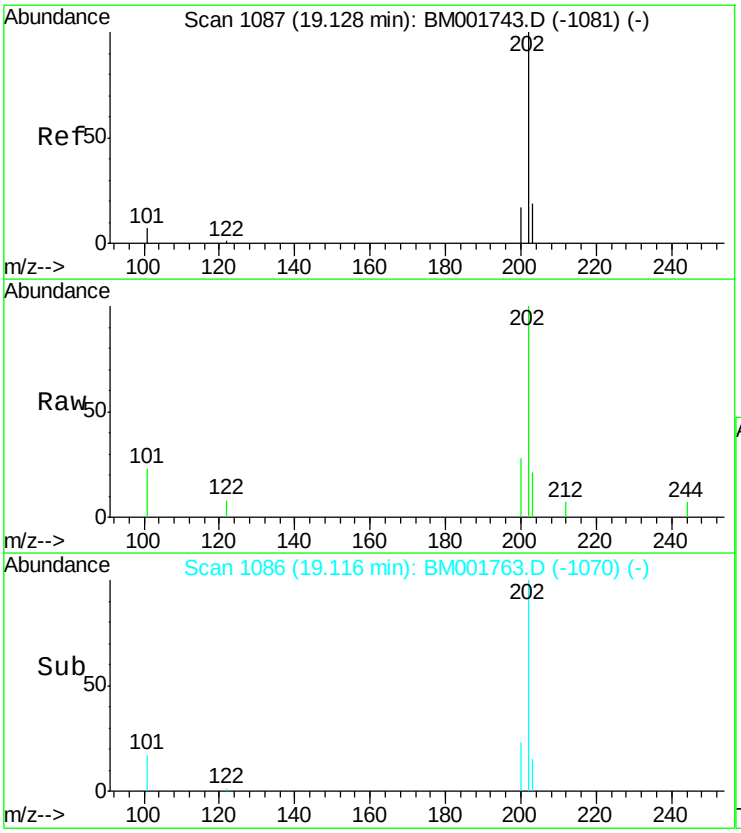
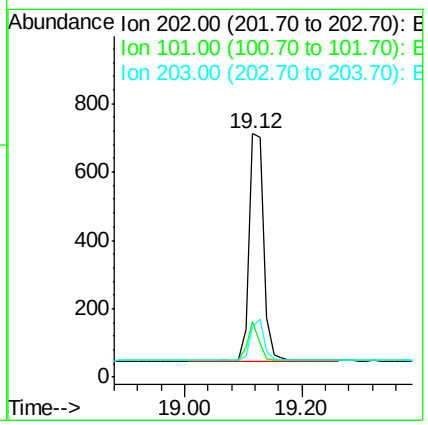
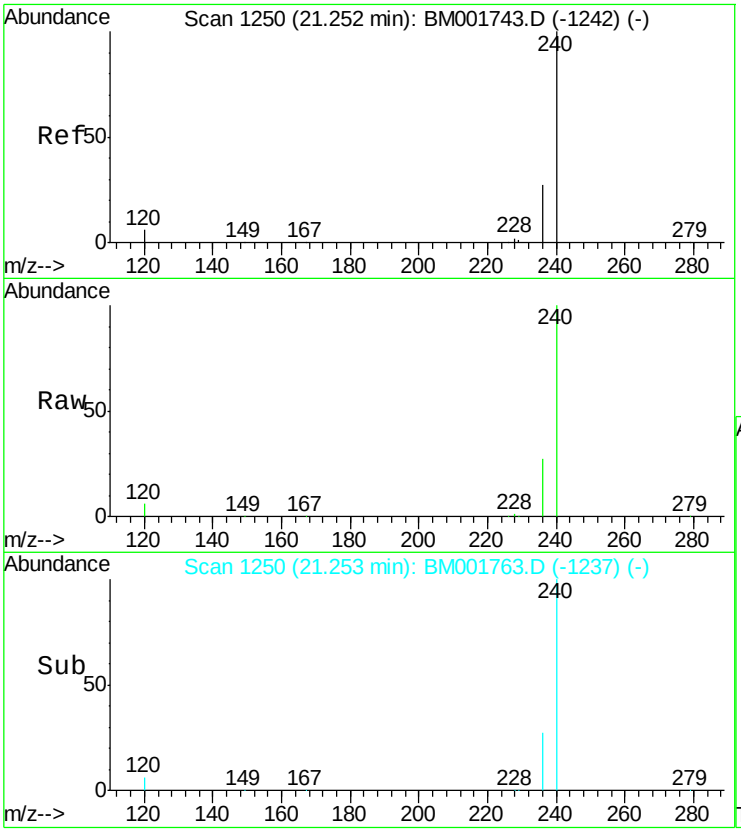


#24
Fluoranthene
Concen: 0.07 ng
RT: 19.12 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:202 Resp: 1164

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.8	16.2
203	17.3	13.8	20.6

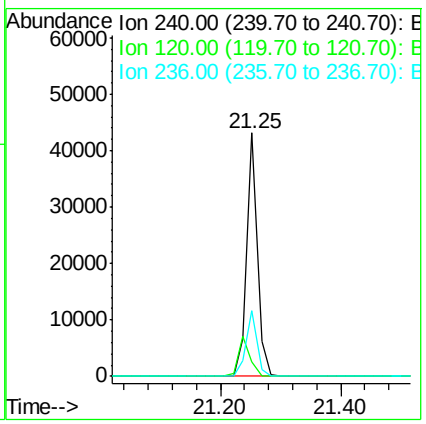




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:240 Resp: 52480

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.7	7.1
236	27.1	21.6	32.4



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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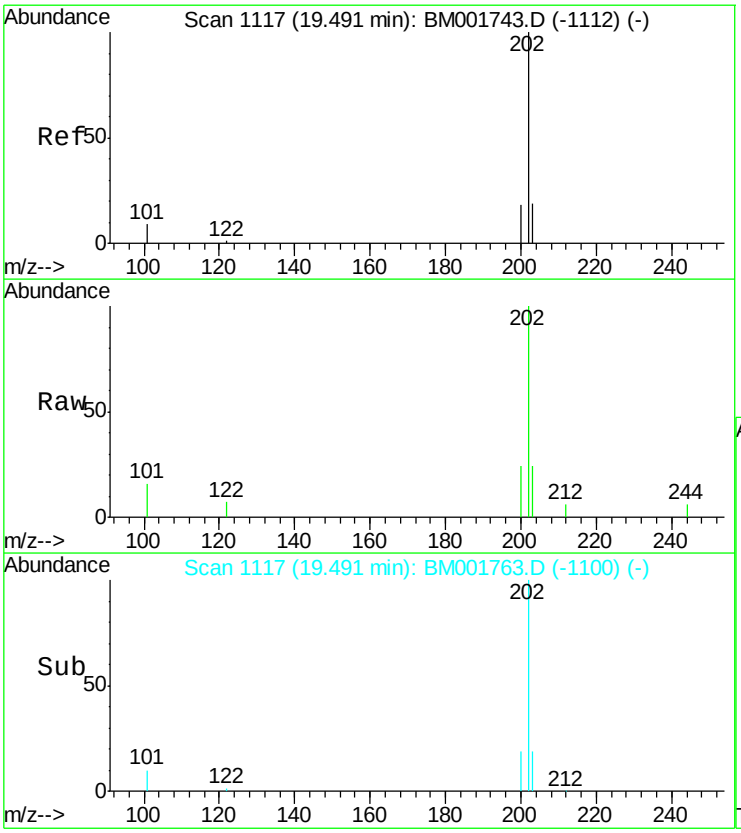
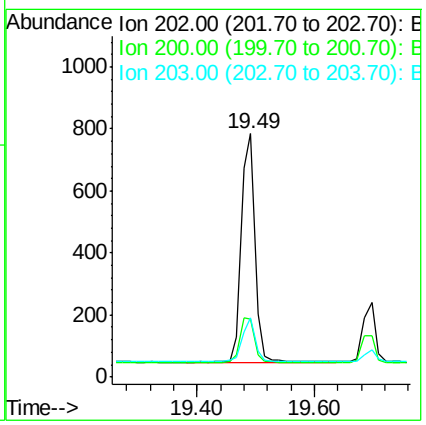
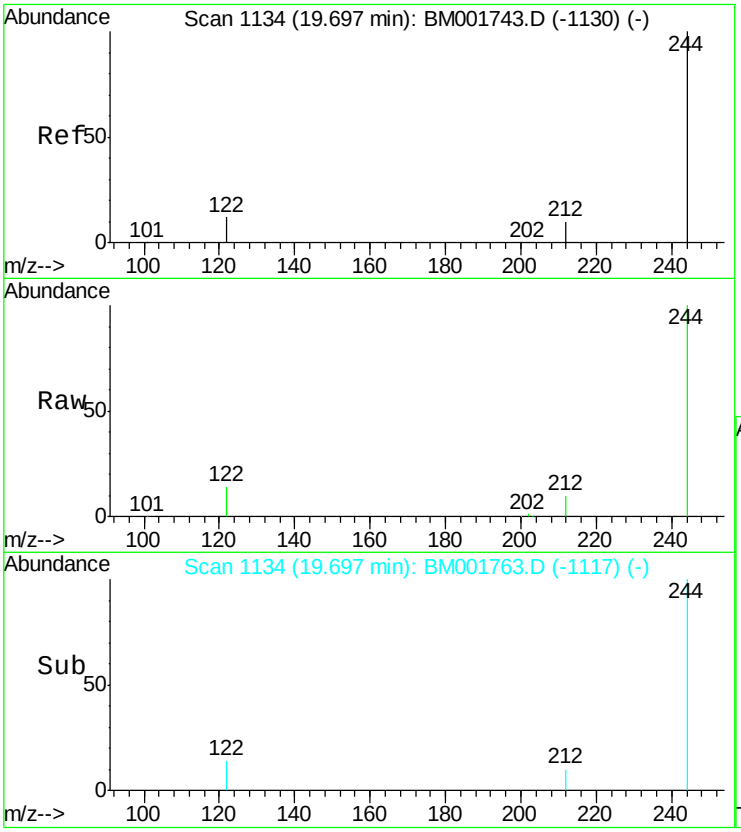


#26
Pyrene
Concen: 0.07 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:202 Resp: 1198

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.8	13.9	20.9

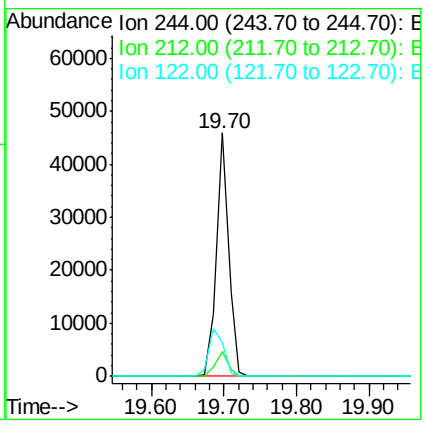




#27
Terphenyl-d14
Concen: 6.99 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:244 Resp: 54090

Ion	Ratio	Lower	Upper
244	100		
212	10.3	8.6	13.0
122	13.8	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

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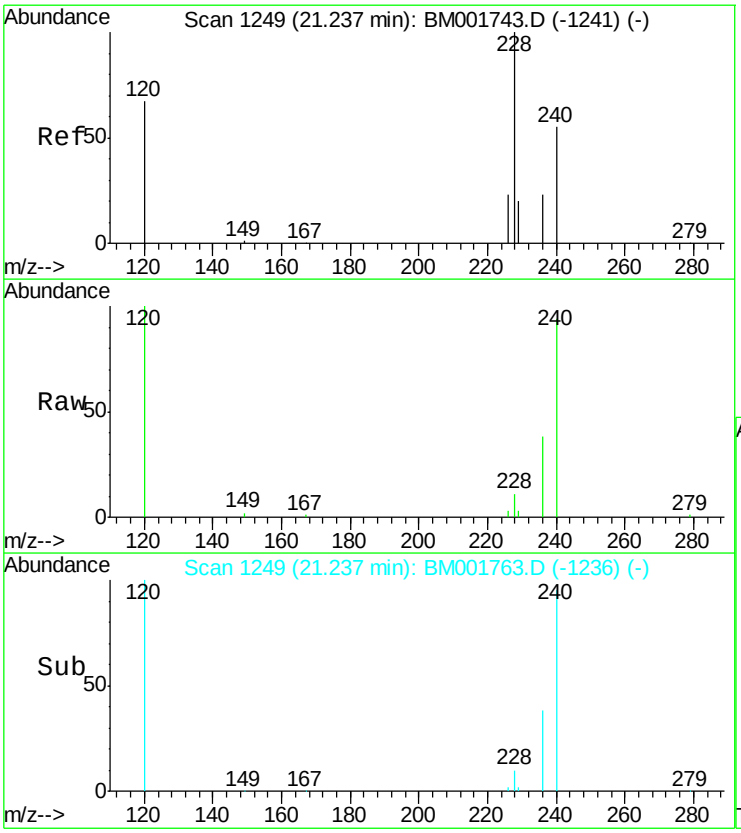
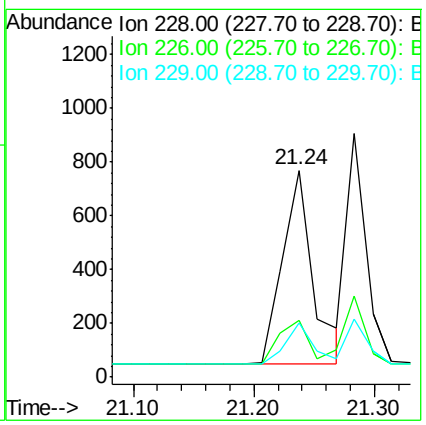
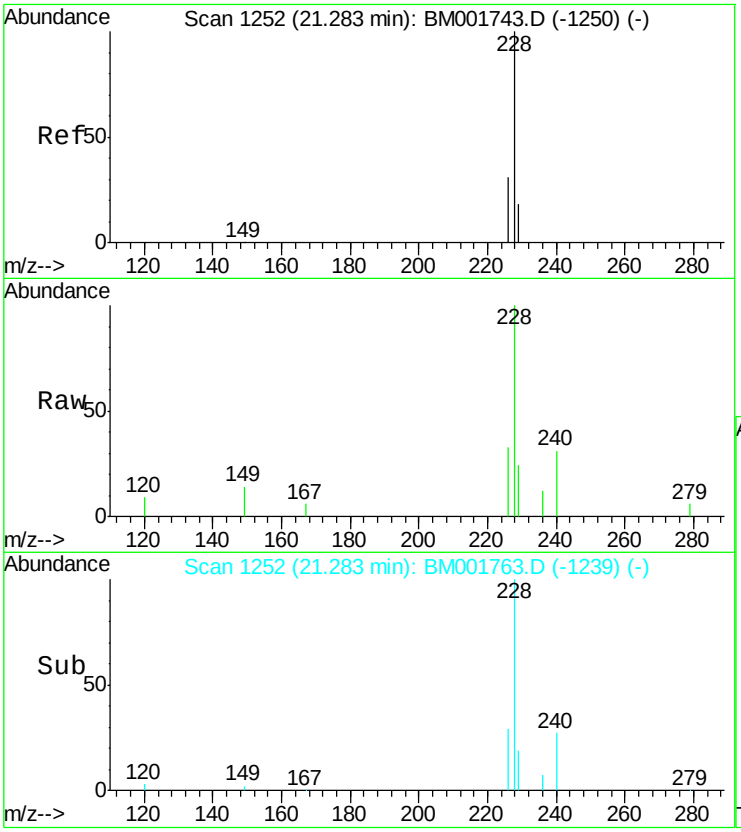


#28
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:228 Resp: 1279

Ion	Ratio	Lower	Upper
228	100		
226	27.2	18.9	28.3
229	26.0	16.6	25.0#

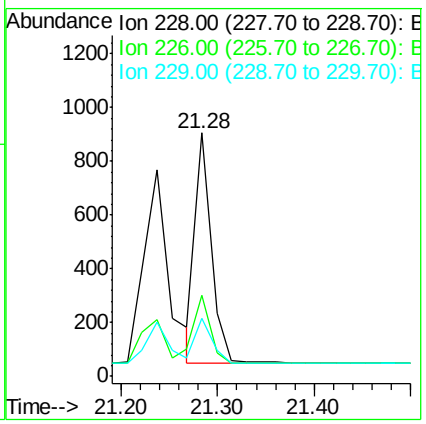




#29
Chrysene
Concen: 0.06 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:228 Resp: 997

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.3	36.5
229	23.6	15.0	22.6#



Instrument :
BNA_M
ClientSampleId :
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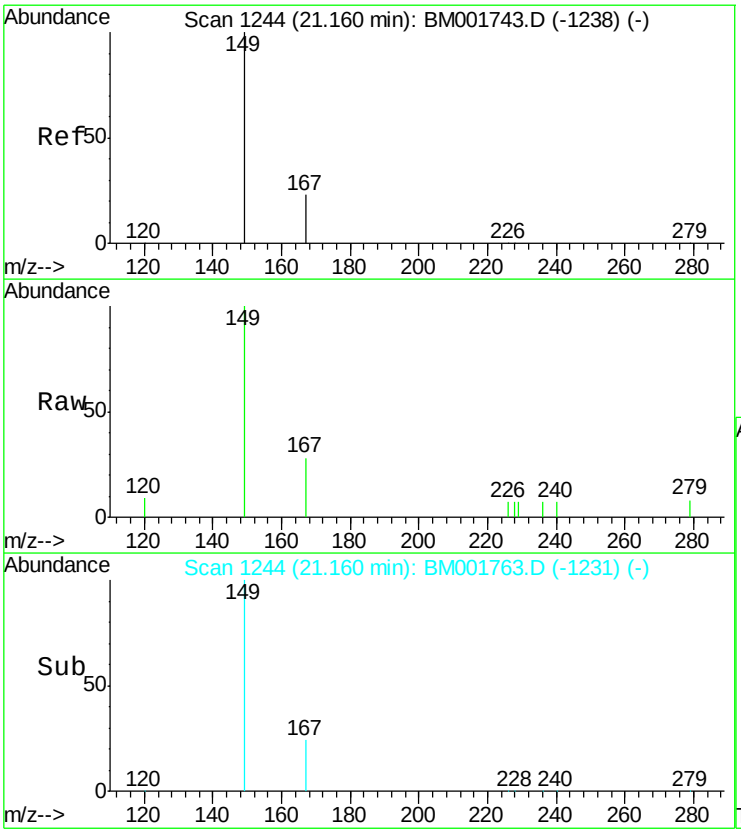
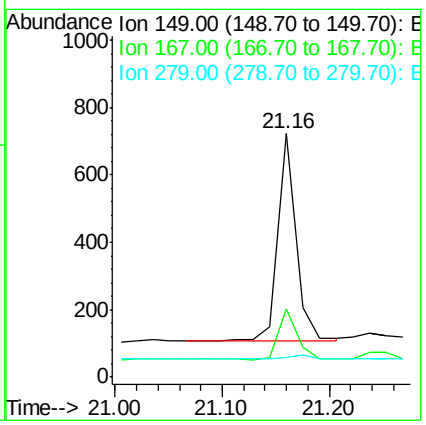
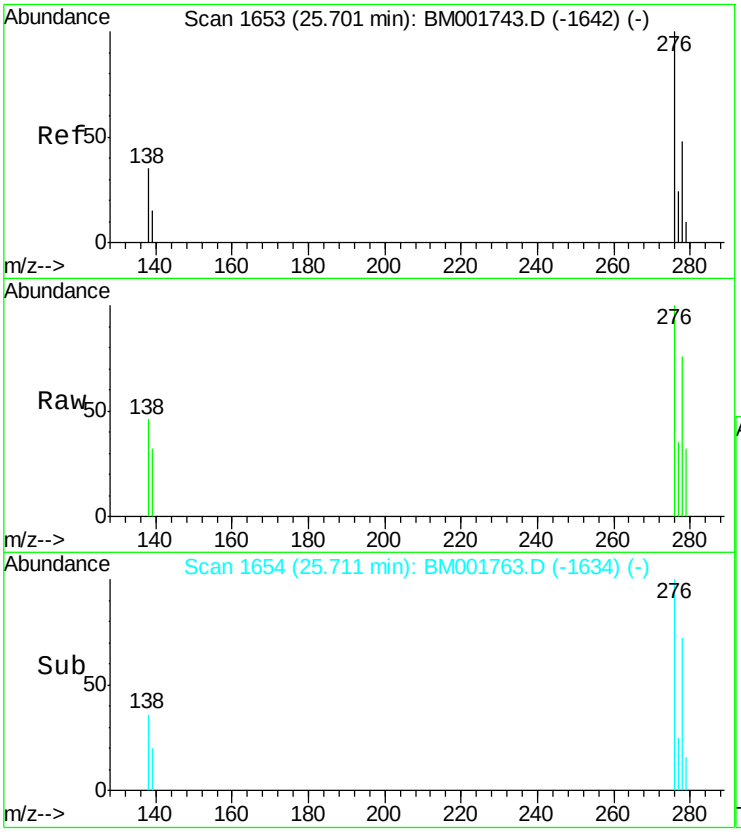


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:149 Resp: 735

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.7	29.5
279	2.0	1.6	2.4

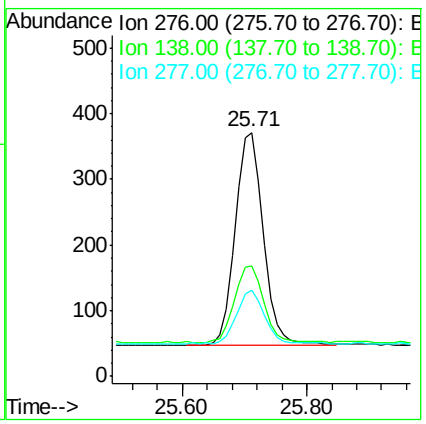




#31
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.71 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:276 Resp: 1036

Ion	Ratio	Lower	Upper
276	100		
138	36.9	29.0	43.6
277	24.7	19.7	29.5



Instrument :
BNA_M
ClientSampleId :
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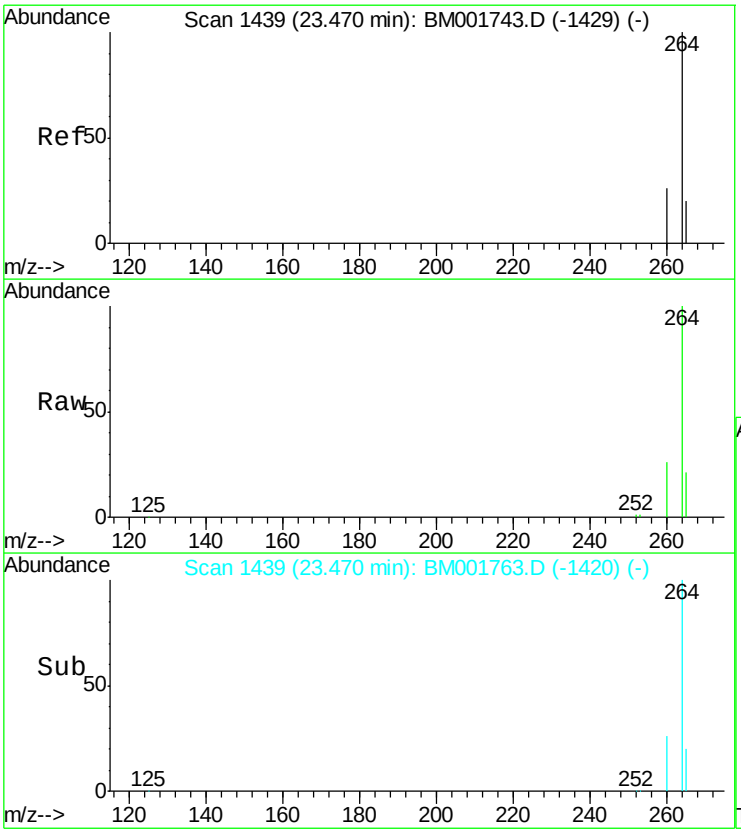
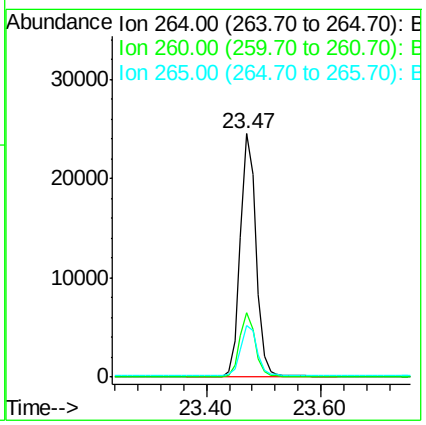
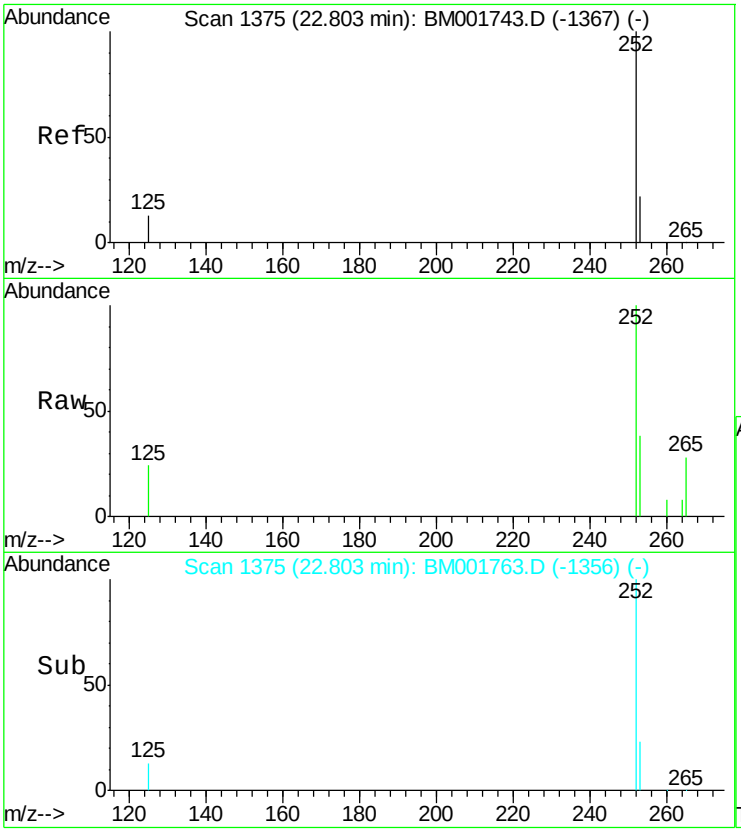


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:264 Resp: 46785

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	21.0	16.8	25.2





#33
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:252 Resp: 1048

Ion	Ratio	Lower	Upper
252	100		
253	38.0	19.0	28.4#
125	24.0	11.3	16.9#

Instrument :
BNA_M
ClientSampleId :
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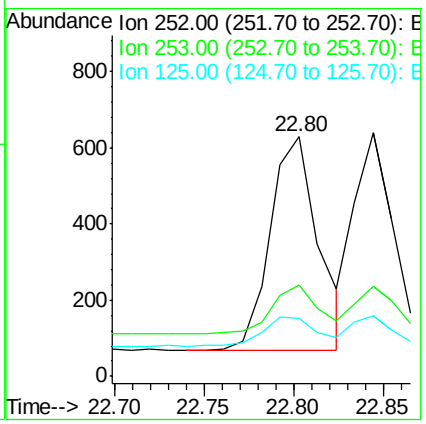
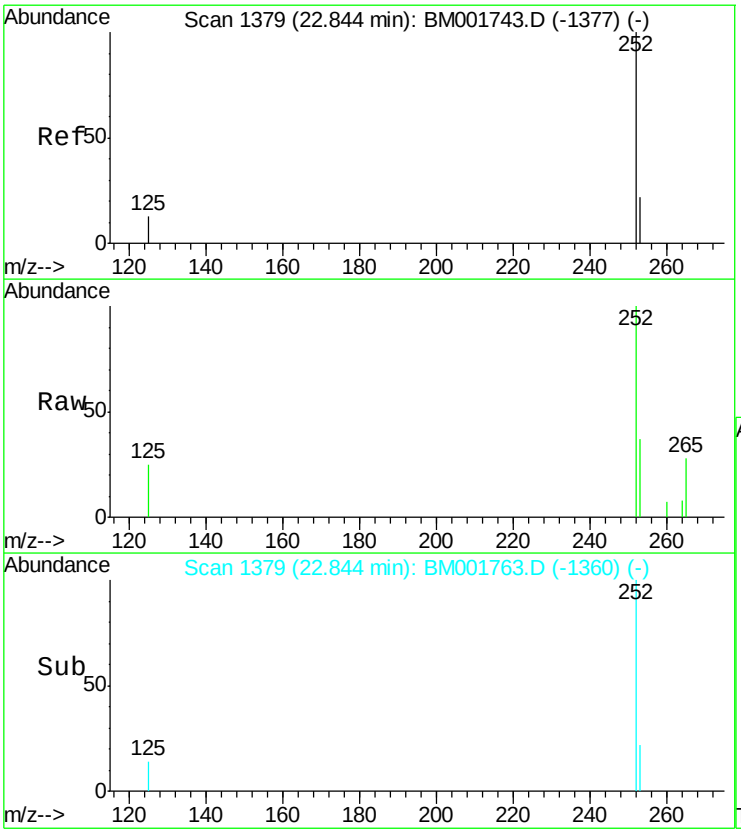
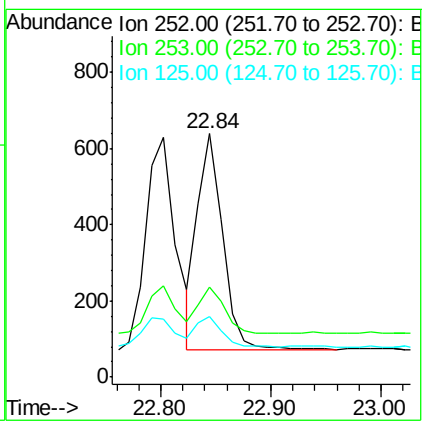


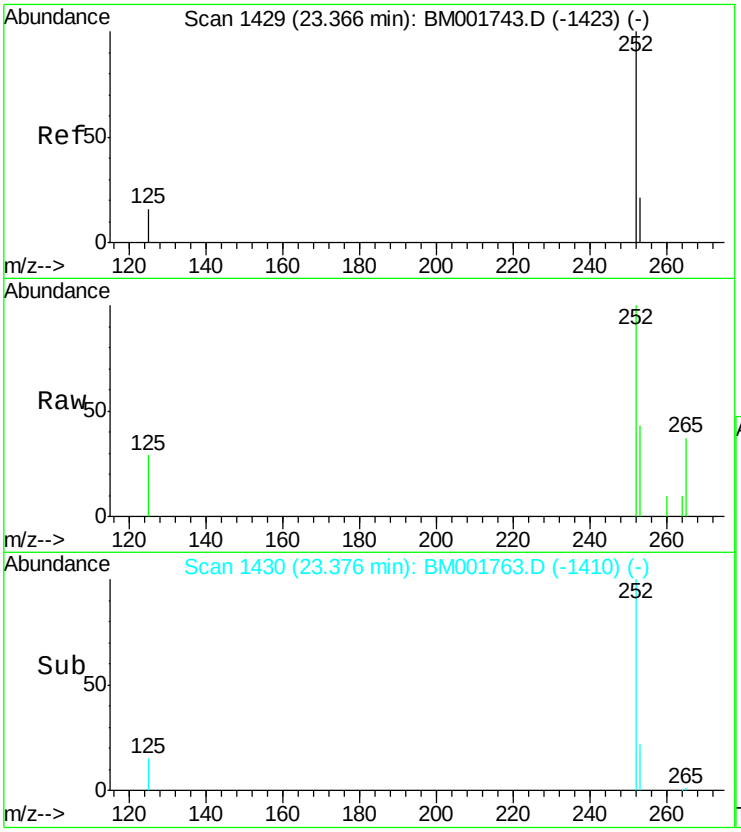


#34
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:252 Resp: 904

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.2	27.4#
125	24.7	11.8	17.6#

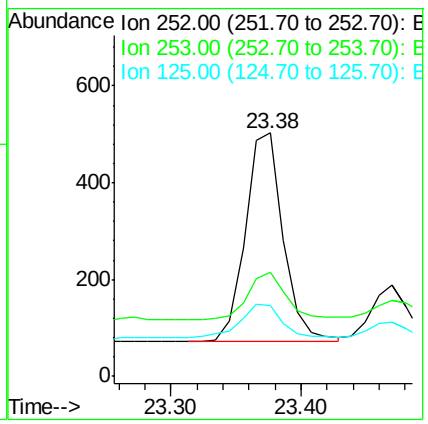




#35
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:252 Resp: 871

Ion	Ratio	Lower	Upper
252	100		
253	42.5	17.9	26.9#
125	29.0	14.1	21.1#



Instrument :
BNA_M
ClientSampleId :
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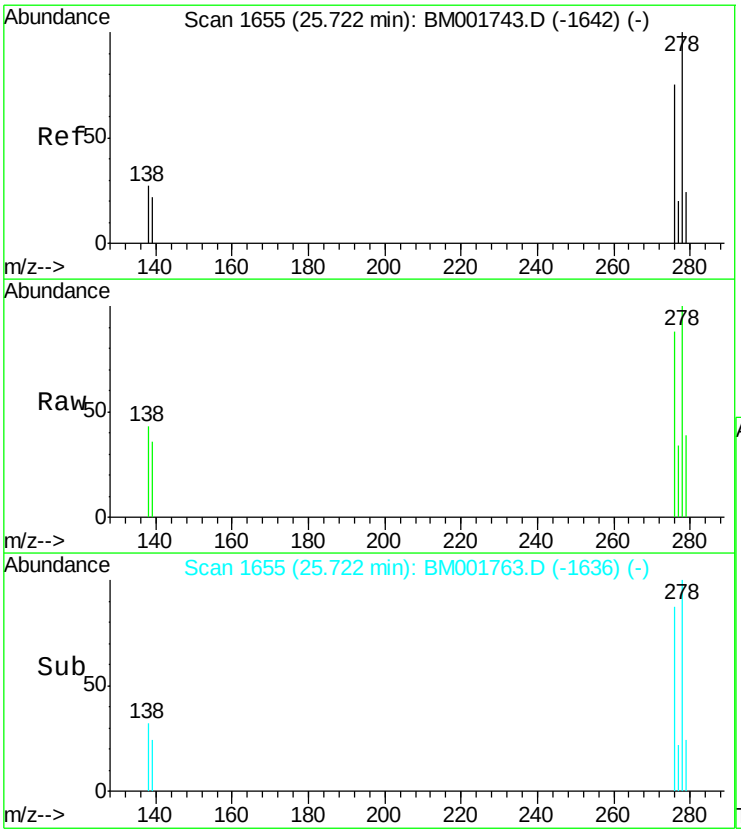
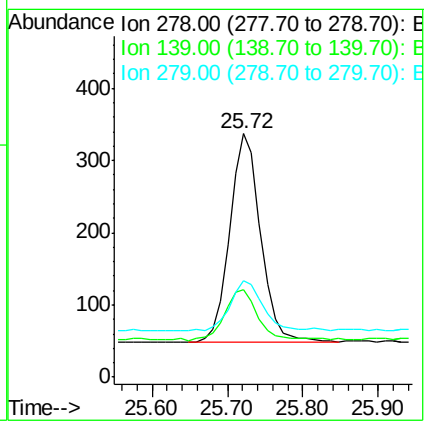
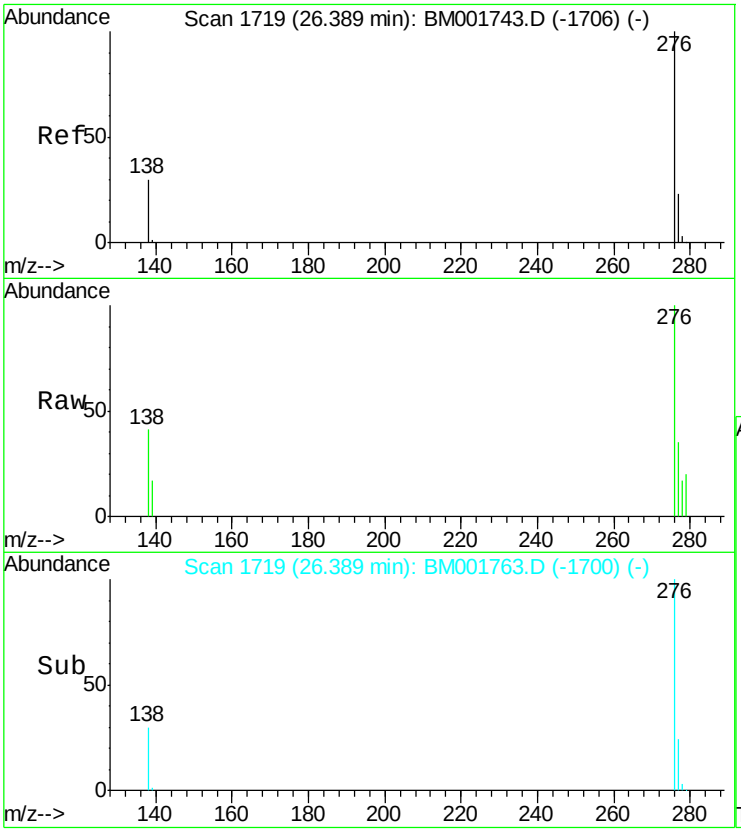


#36
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:278 Resp: 831

Ion	Ratio	Lower	Upper
278	100		
139	36.2	18.4	27.6#
279	39.5	19.8	29.8#

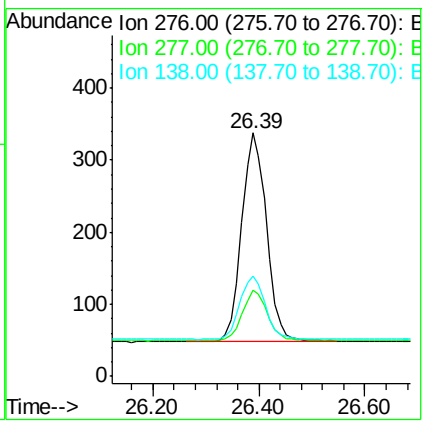




#37
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001763.D
Acq: 19 Jun 2015 15:50

Tgt Ion:276 Resp: 945

Ion	Ratio	Lower	Upper
276	100		
277	35.2	19.3	28.9#
138	41.4	24.7	37.1#



Instrument :
BNA_M
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
apatel
6/22/2015 2:46:18 PM