

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
 Data File : BE089518.D
 Acq On : 6 Feb 2015 2:14
 Operator : TP/IZ
 Sample : G1210-01
 Misc : 4 TIME INT STD
 ALS Vial : 17 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

Manual Integrations
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 2/6/2015 2:14:19 PM

Quant Time: Feb 06 13:19:47 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE020515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 03:21:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.49	152	135869	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	542030	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	239656	5.00	ng	0.00
11) Phenanthrene-d10	19.91	188	461176	5.00	ng	0.00
16) Chrysene-d12	23.76	240	502937	5.00	ng	0.00
22) Perylene-d12	25.46	264	476249	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	74124	7.17	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	136324	7.22	ng	0.00
18) Terphenyl-d14	22.40	244	186773	8.54	ng	0.00
Target Compounds						Ovalue
4) Naphthalene	12.44	128	2929	0.09	ng	95
5) 2-Methylnaphthalene	14.10	142	1990	0.09	ng	# 95
8) Acenaphthylene	16.23	152	11269	0.09	ng	# 87
9) Acenaphthene	16.65	154	1738	0.09	ng	# 80
10) Fluorene	17.91	166	2410	0.25	ng	# 94
13) Phenanthrene	19.94	178	5311	0.15	ng	97
14) Anthracene	20.03	178	2882m	0.31	ng	
15) Fluoranthene	21.83	202	4239	0.34	ng	# 95
17) Pyrene	22.15	202	4343	0.12	ng	98
19) Benzo(a)anthracene	23.75	228	18358	0.25	ng	96
20) Chrysene	23.79	228	14537m	0.14	ng	
21) Indeno(1,2,3-cd)pyrene	26.92	276	11608	0.33	ng	95
27) Benzo(g,h,i)perylene	27.35	276	12090	0.22	ng	# 82

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

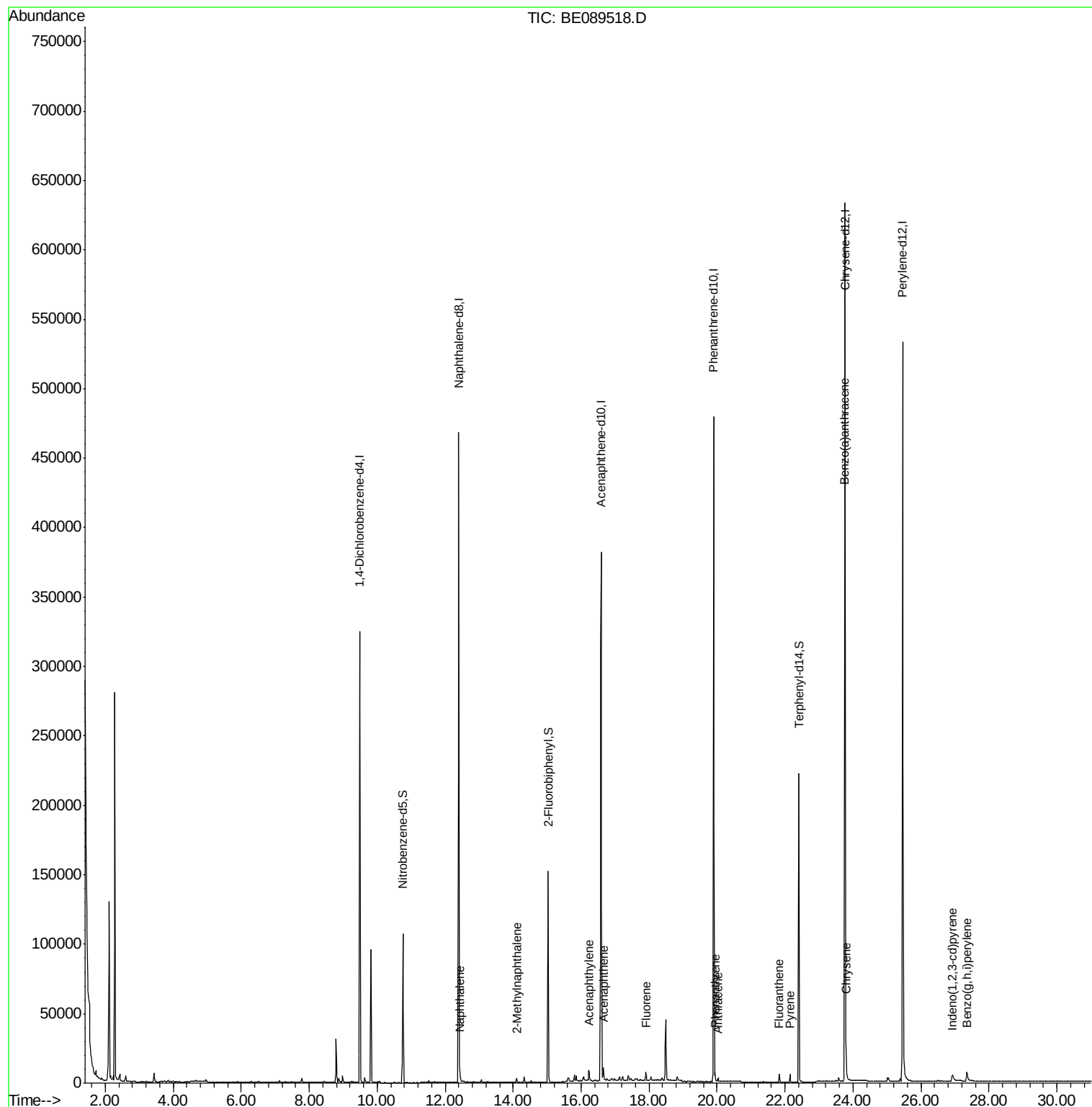
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089518.D
Acq On : 6 Feb 2015 2:14
Operator : TP/IZ
Sample : G1210-01
Misc : 4 TIME INT STD
ALS Vial : 17 Sample Multiplier: 4

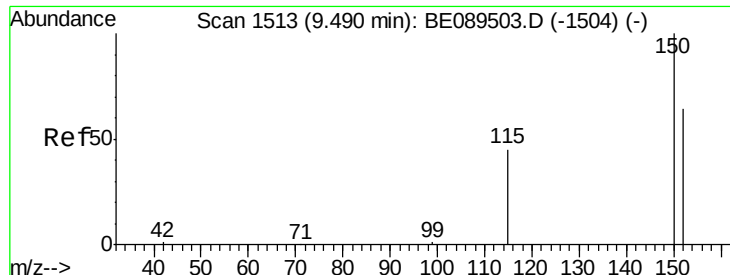
Instrument :
BNA_E
ClientSampleId :
YT-MW-01

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Quant Time: Feb 06 13:19:47 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIMPAH-BE020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.49 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

Tot Ion:152 Resp: 135869

Ion Ratio Lower Upper

152 100

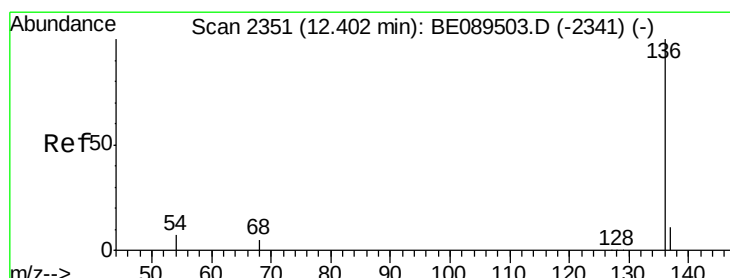
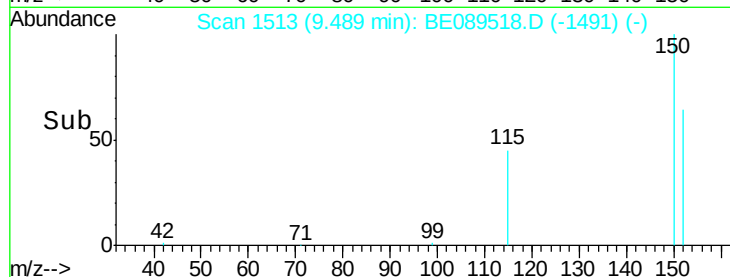
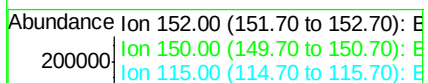
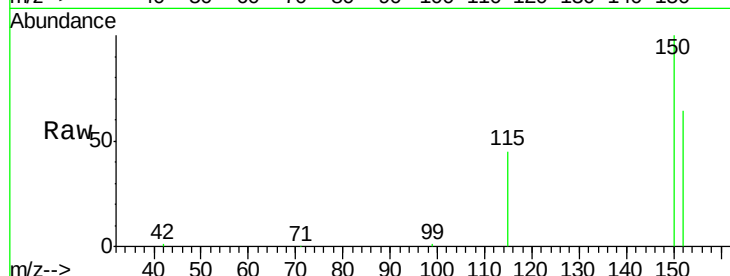
150 156.6 125.0 187.6

115 70.0 56.6 85.0

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#2

Naphthalene-d8

Concen: 5.00 ng

RT: 12.40 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

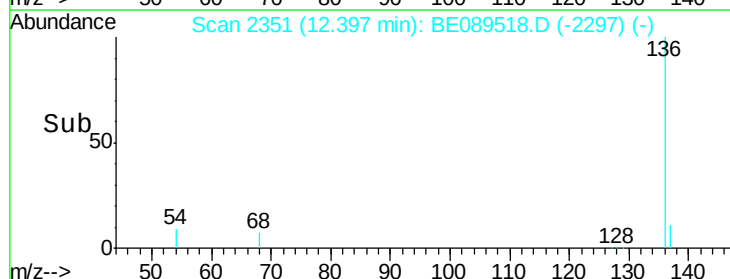
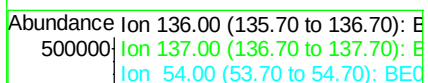
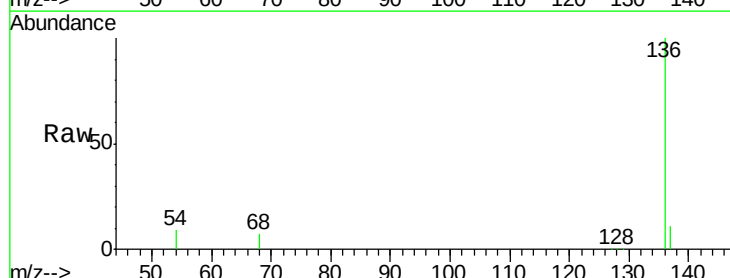
Tgt Ion:136 Resp: 542030

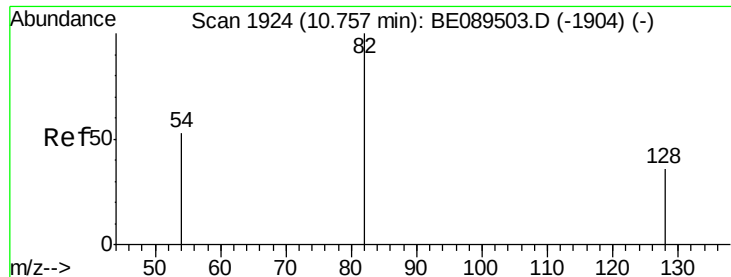
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.1 6.0 9.0#





#3

Nitrobenzene-d5

Concen: 7.17 ng

RT: 10.76 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

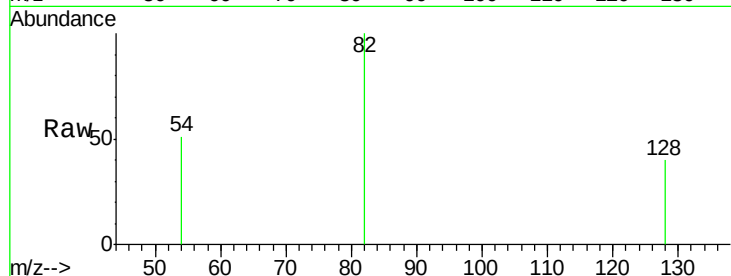
ClientSampled :

YT-MW-01

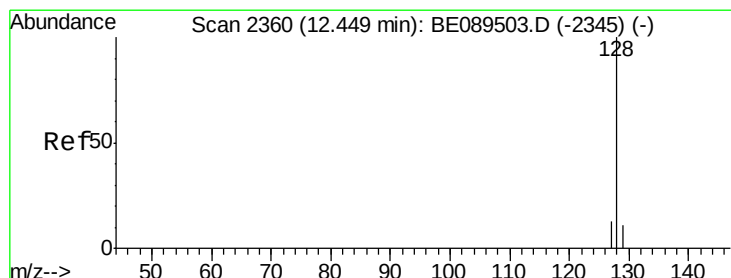
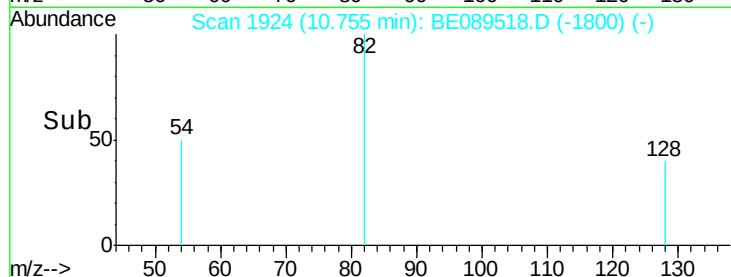
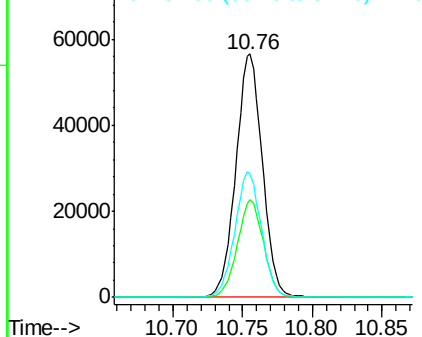
Tot Ion:	82	Resp:	74124
Ion Ratio	Lower	Upper	
82	100		
128	40.0	29.3	43.9
54	50.6	42.6	64.0

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#4

Naphthalene

Concen: 0.09 ng

RT: 12.44 min Scan# 2360

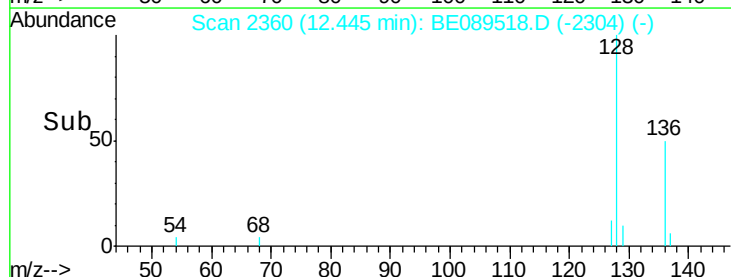
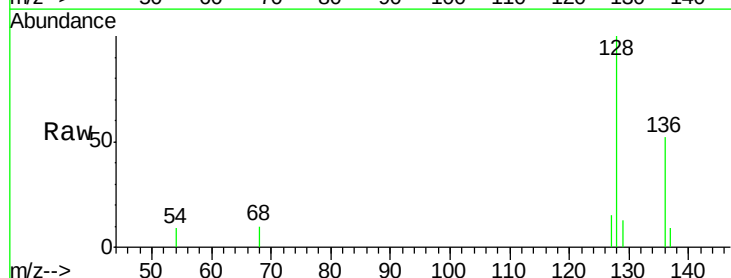
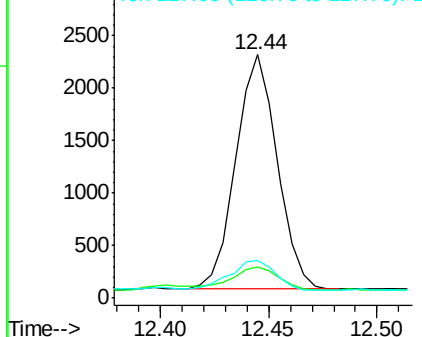
Delta R.T. -0.00 min

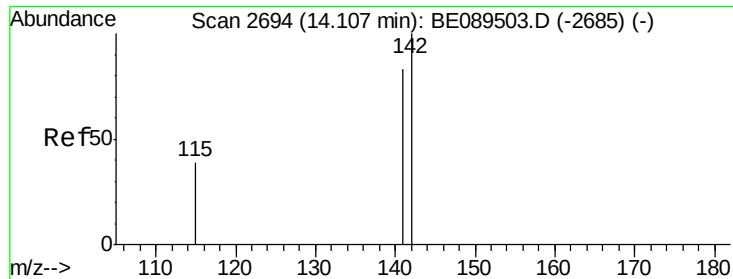
Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Tgt Ion:	128	Resp:	2929
Ion Ratio	Lower	Upper	
128	100		
129	12.5	8.8	13.2
127	15.2	10.3	15.5

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#5

2-Methylnaphthalene

Concen: 0.09 ng

RT: 14.10 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

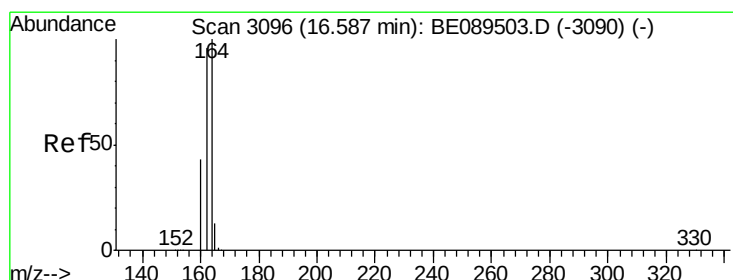
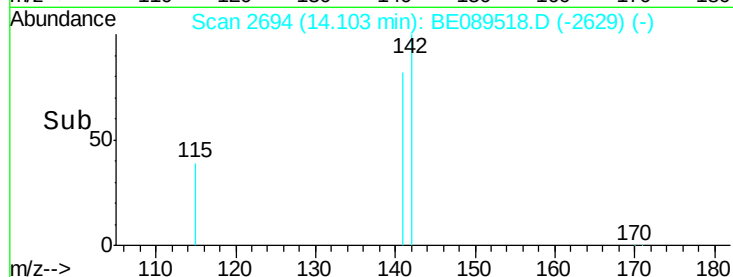
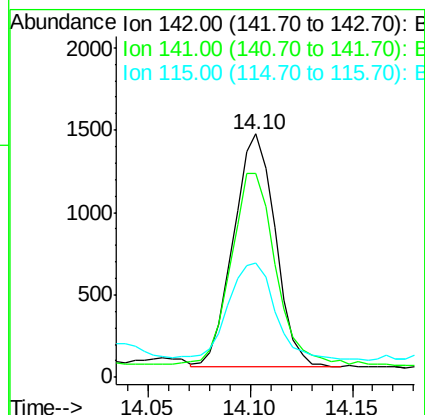
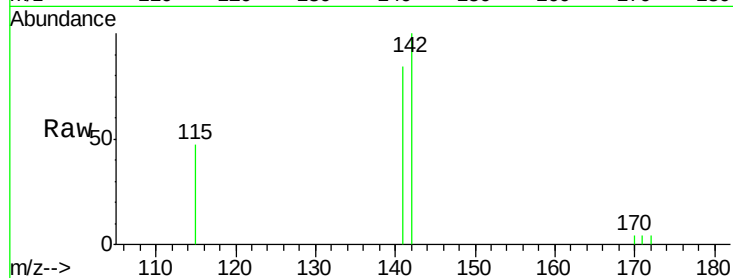
ClientSampleId :

YT-MW-01

Tot Ion:	142	Resp:	1990
Ion Ratio	Lower	Upper	
142	100		
141	83.8	66.3	99.5
115	46.8	31.1	46.7#

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#6

Acenaphthene-d10

Concen: 5.00 ng

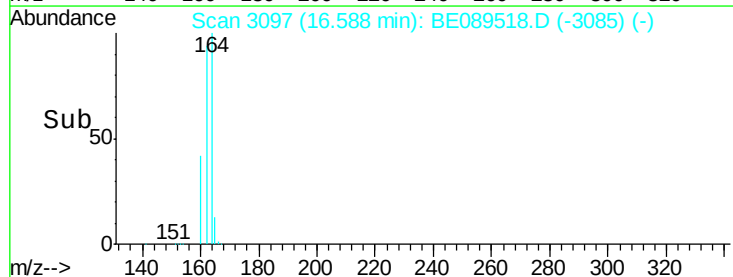
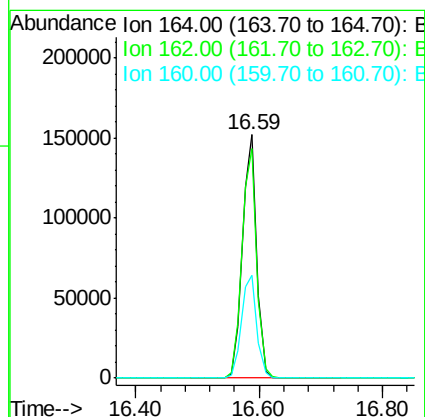
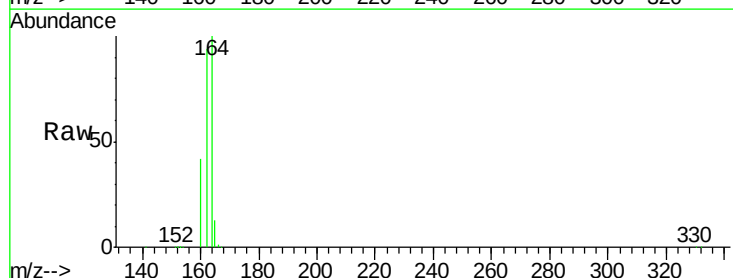
RT: 16.59 min Scan# 3097

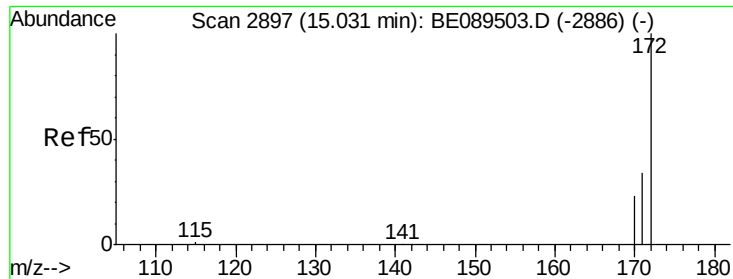
Delta R.T. 0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Tgt Ion:	164	Resp:	239656
Ion Ratio	Lower	Upper	
164	100		
162	94.5	76.6	115.0
160	42.2	34.6	52.0





#7

2-Fluorobiphenyl

Concen: 7.22 ng

RT: 15.03 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

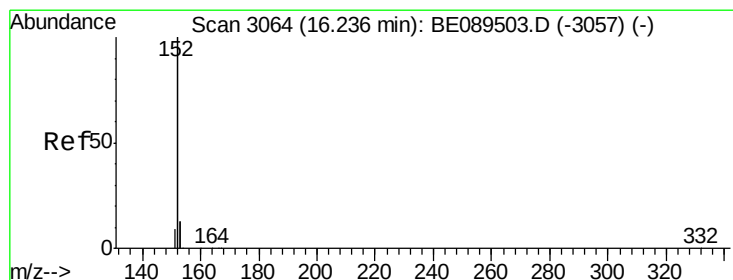
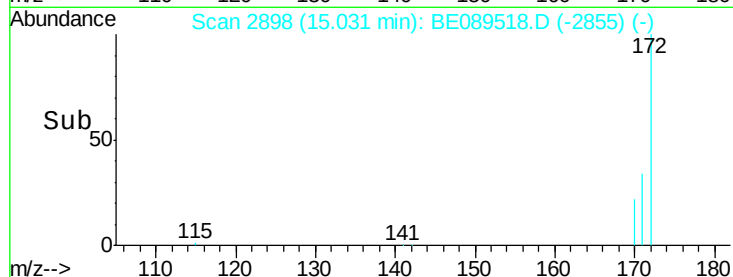
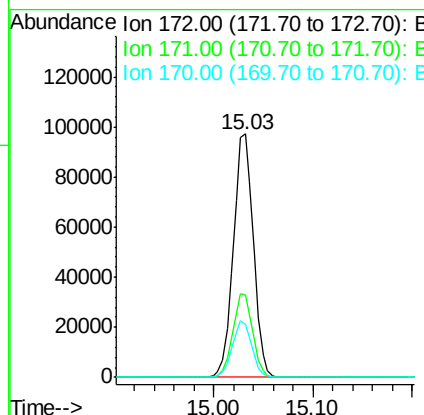
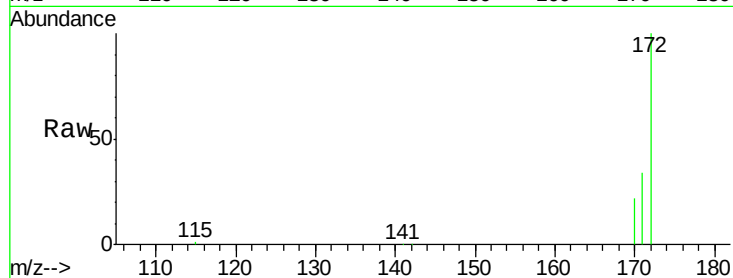
ClientSampleId :

YT-MW-01

Tot Ion:	172	Resp:	136324
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.4	41.0
170	21.8	18.4	27.6

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#8

Acenaphthylene

Concen: 0.09 ng

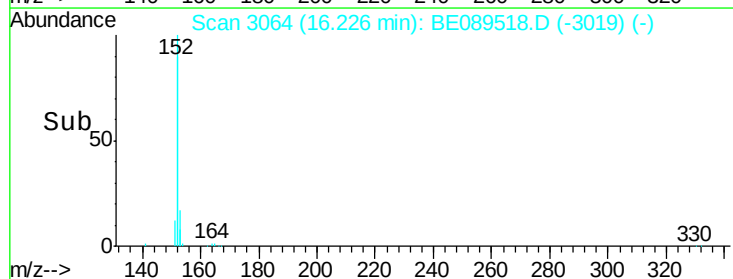
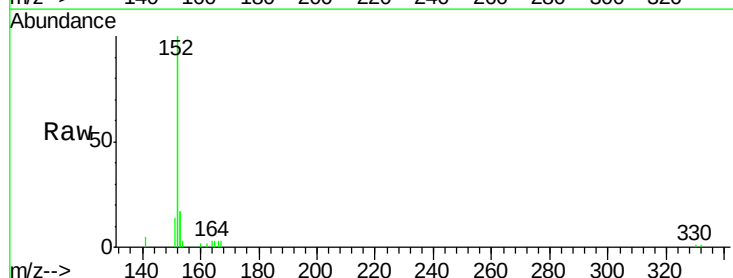
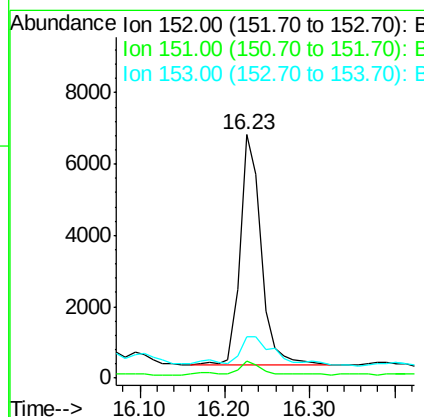
RT: 16.23 min Scan# 3064

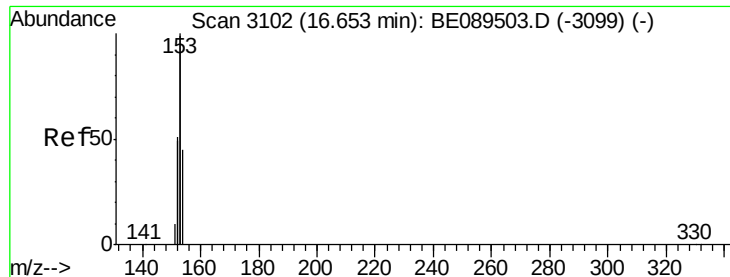
Delta R.T. -0.01 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Tgt Ion:	152	Resp:	11269
Ion Ratio	Lower	Upper	
152	100		
151	6.0	3.9	5.9#
153	19.8	10.4	15.6#





#9

Acenaphthene

Concen: 0.09 ng

RT: 16.65 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

ClientSampleId :

YT-MW-01

Tot Ion:154 Resp: 1738

Ion Ratio Lower Upper

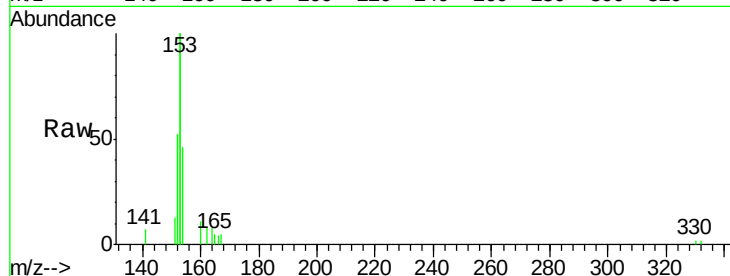
154 100

153 458.3 341.5 512.3

152 264.2 166.6 249.8#

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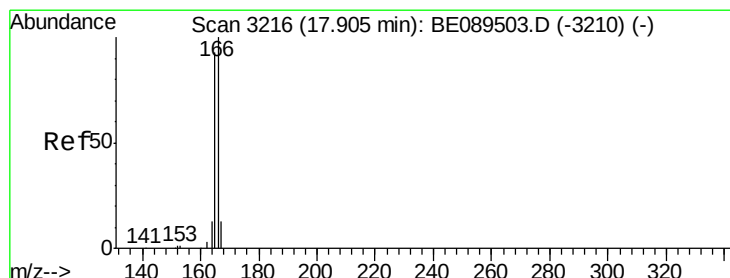
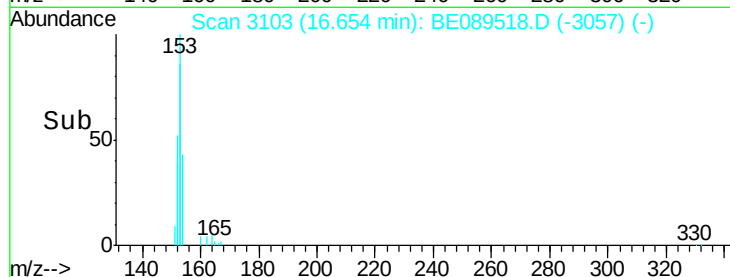
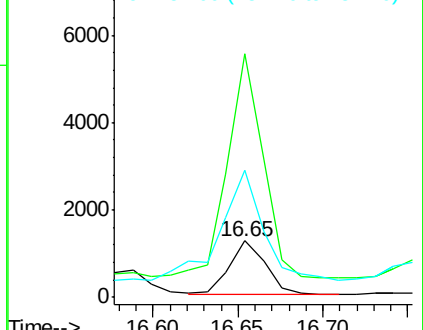
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#10

Fluorene

Concen: 0.25 ng

RT: 17.91 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

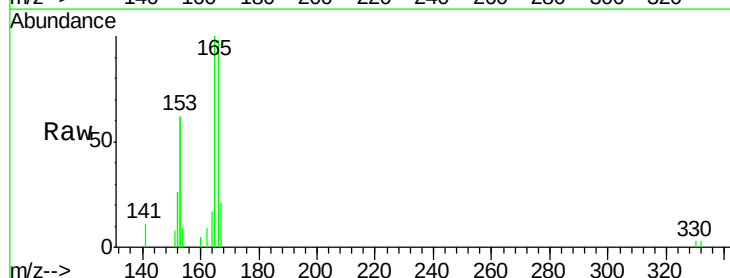
Tgt Ion:166 Resp: 2410

Ion Ratio Lower Upper

166 100

165 96.5 73.6 110.4

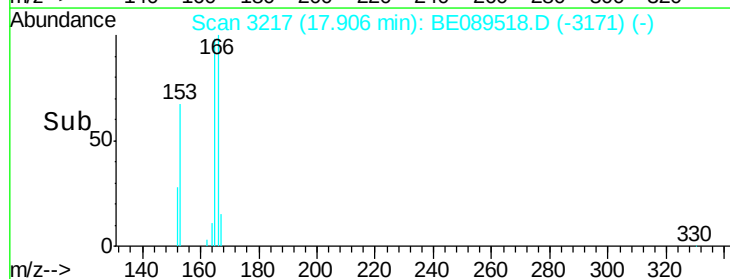
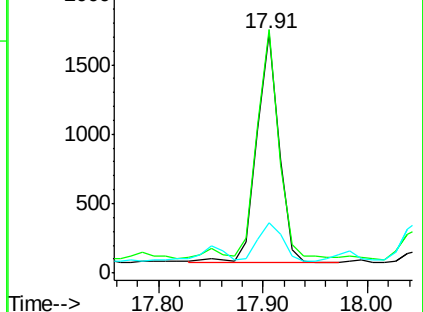
167 18.1 10.6 15.8#

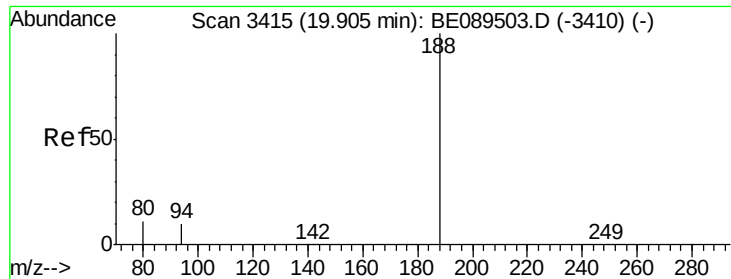


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





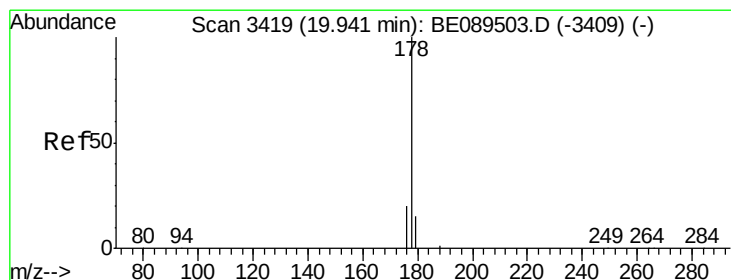
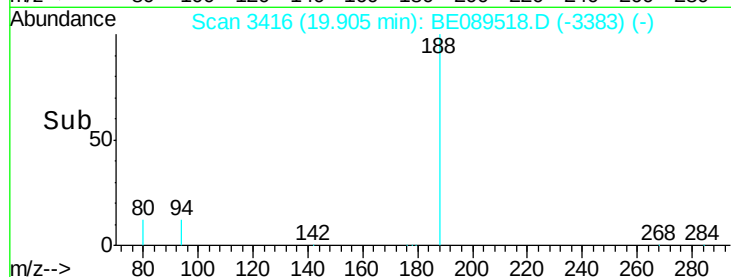
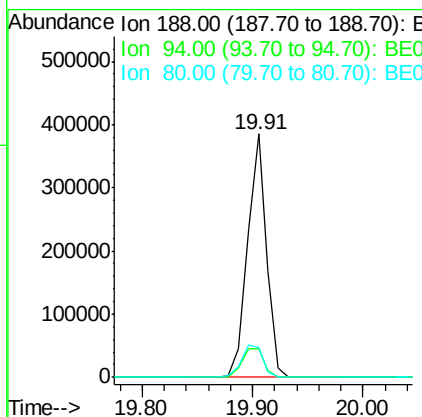
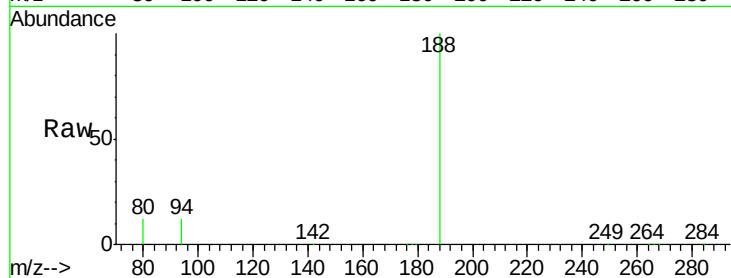
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.91 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Instrument :
BNA_E
ClientSampleId :
YT-MW-01

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.8	8.2	12.4
80	12.2	8.7	13.1

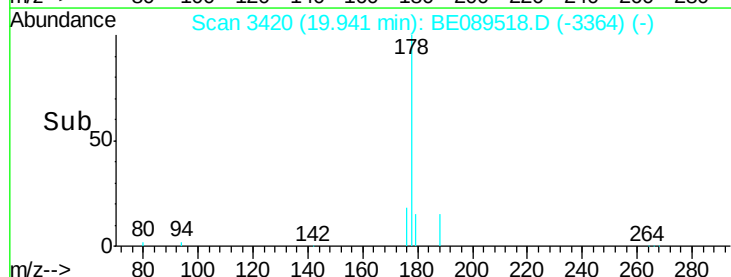
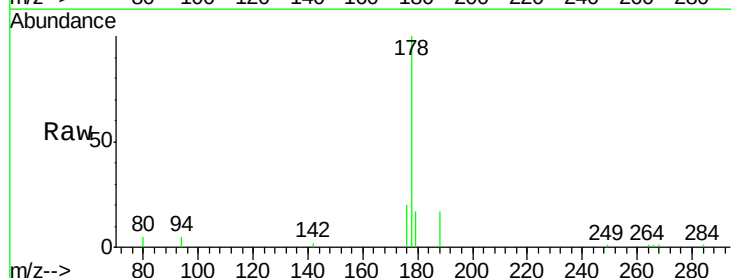
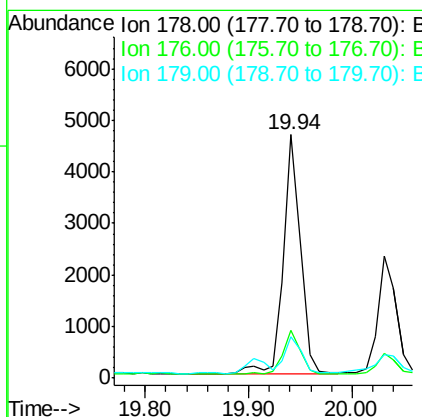
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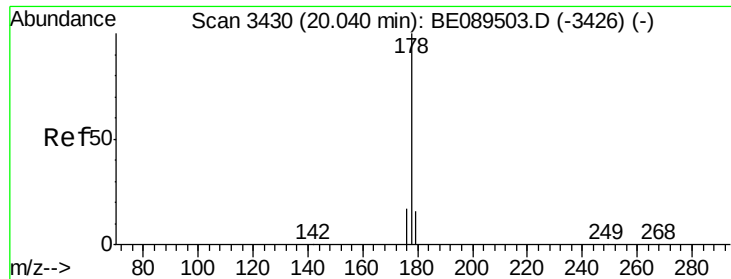
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#13
Phenanthrene
Concen: 0.15 ng
RT: 19.94 min Scan# 3420
Delta R.T. 0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.9	15.4	23.0
179	14.5	12.4	18.6





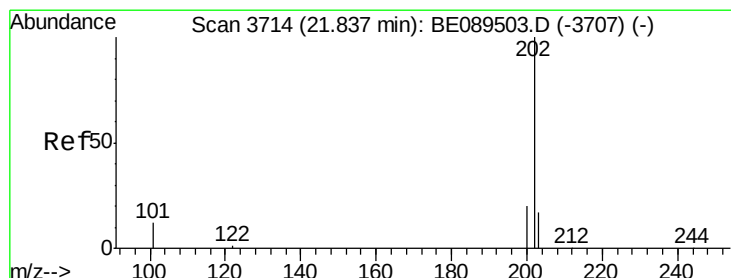
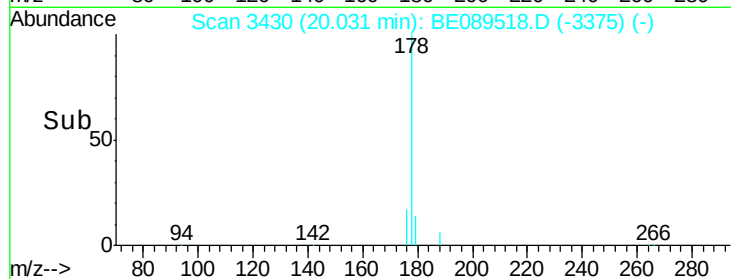
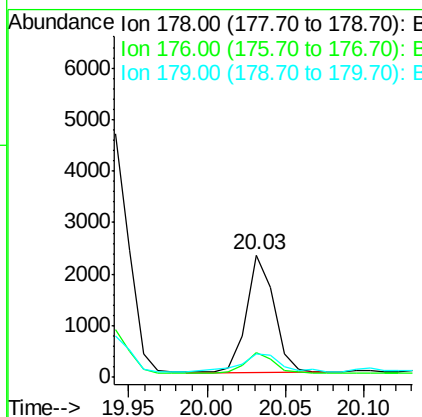
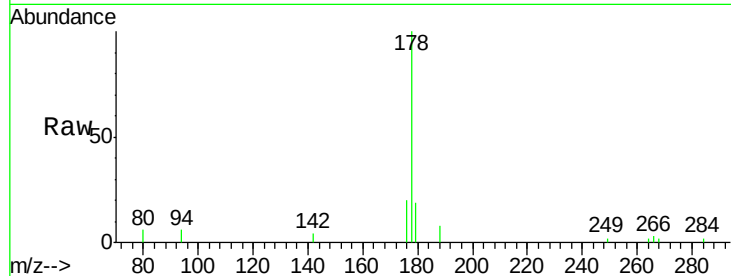
#14
 Anthracene
 Concen: 0.31 ng/mL
 RT: 20.03 min Scan# 3430
 Delta R.T. -0.01 min
 Lab File: BE089518.D
 Acq: 6 Feb 2015 2:14

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	33.3	14.6	22.0#
179	28.0	12.1	18.1#

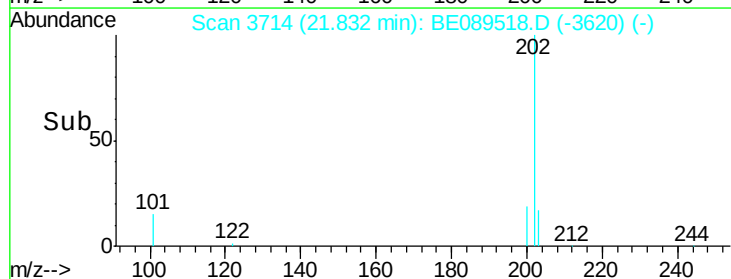
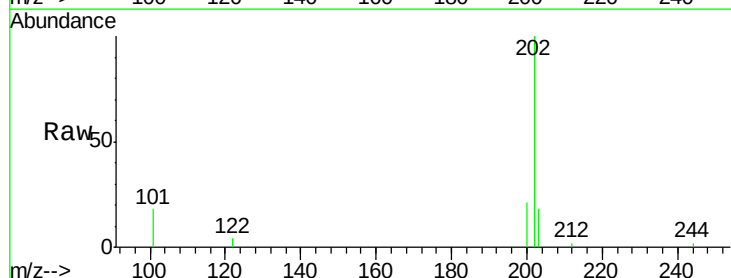
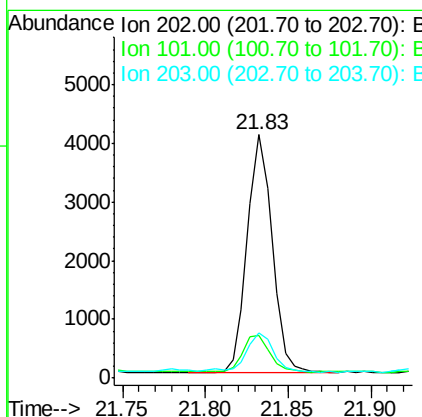
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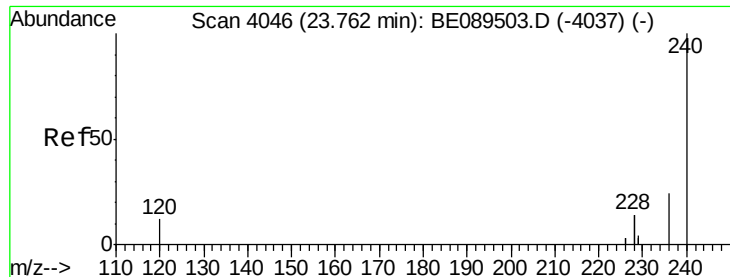
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#15
 Fluoranthene
 Concen: 0.34 ng/mL
 RT: 21.83 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BE089518.D
 Acq: 6 Feb 2015 2:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.3	16.9#
203	18.1	13.8	20.6





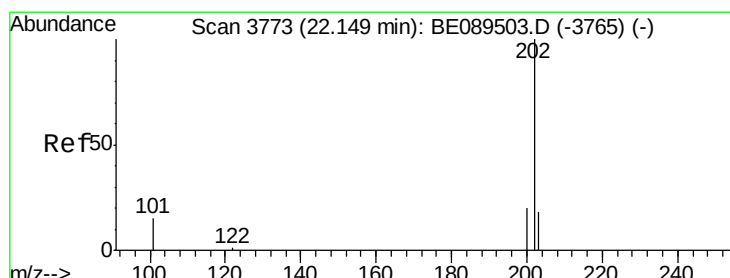
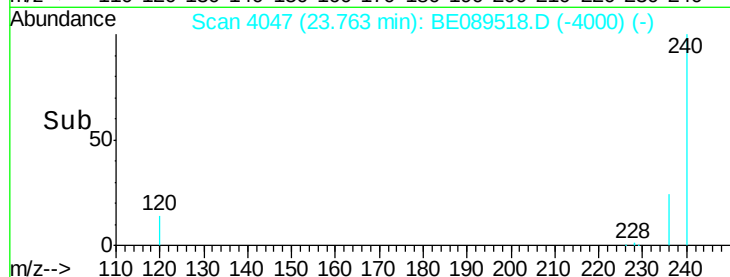
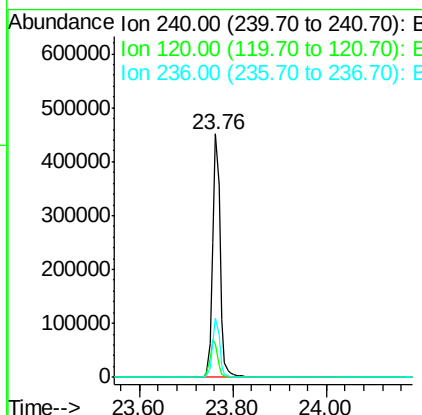
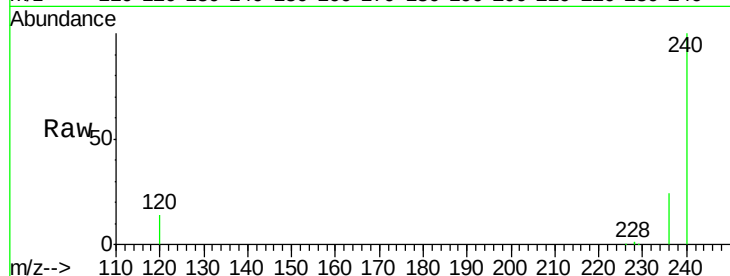
#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 4047
Delta R.T. 0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Instrument :
BNA_E
ClientSampleId :
YT-MW-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.6	14.4
236	24.4	19.4	29.2

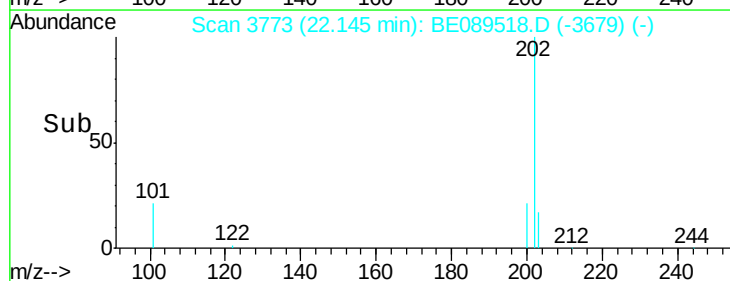
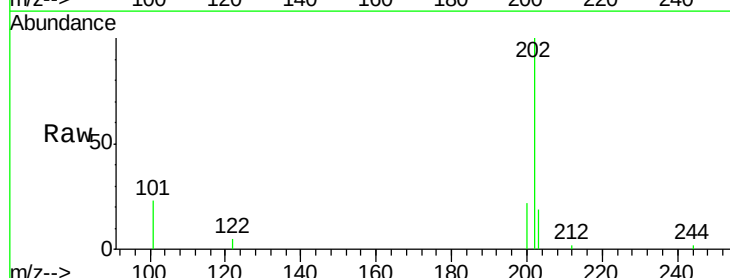
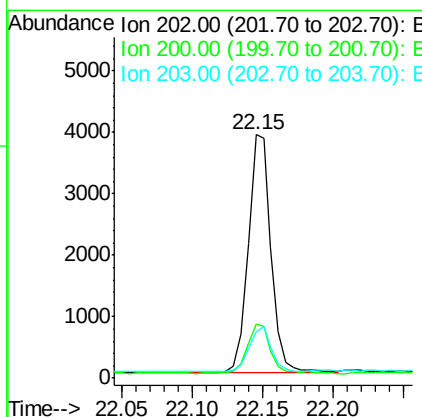
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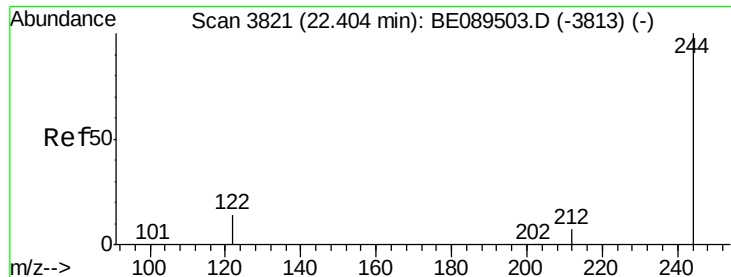
apatel
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#17
Pyrene
Concen: 0.12 ng
RT: 22.15 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.5	24.7
203	18.5	14.0	21.0





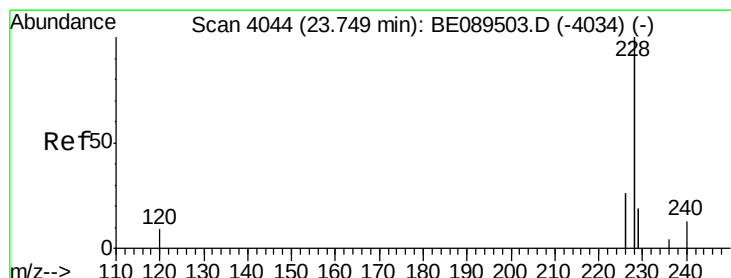
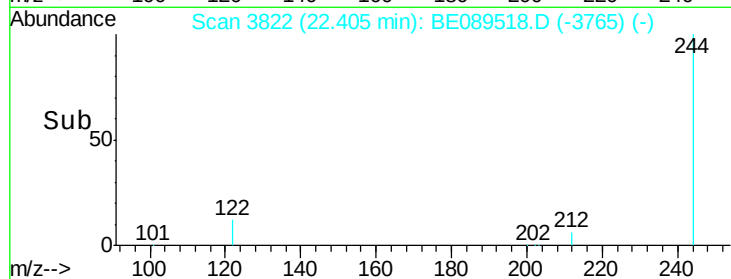
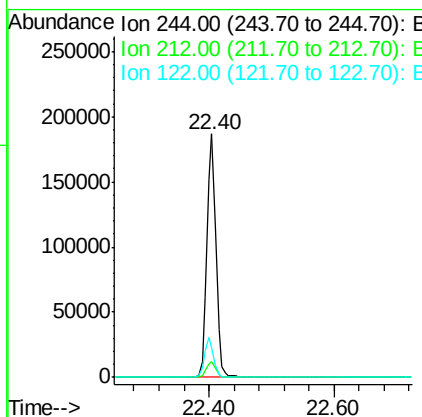
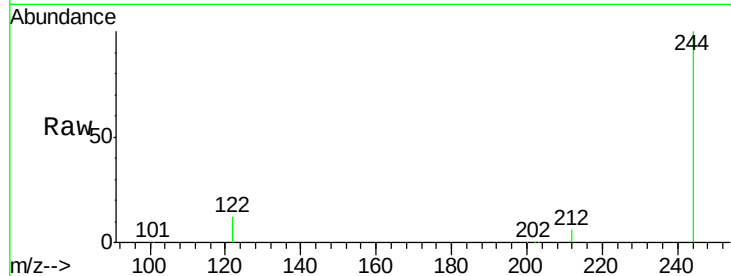
#18
 Terphenyl-d14
 Concen: 8.54 ng
 RT: 22.40 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BE089518.D
 Acq: 6 Feb 2015 2:14

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	12.4	11.1	16.7

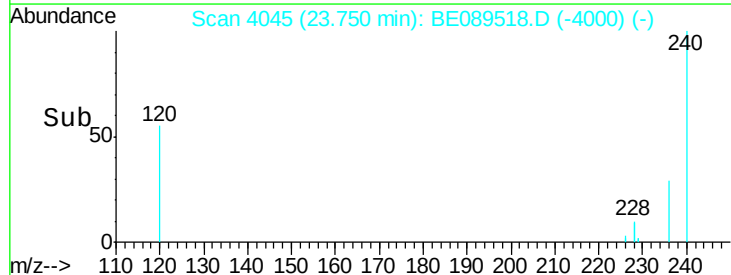
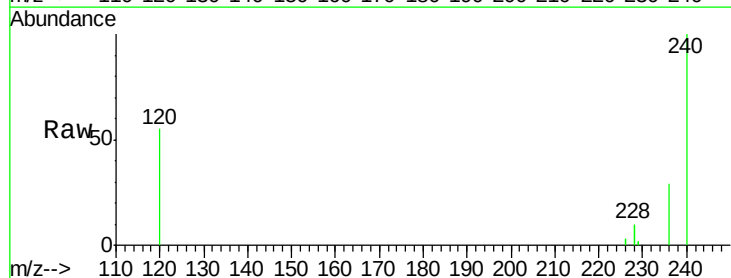
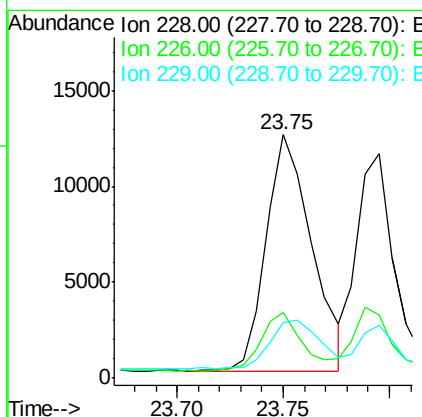
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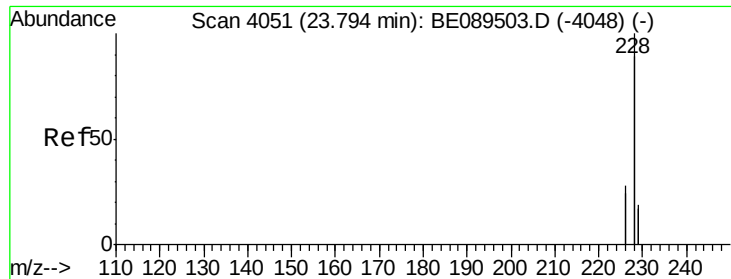
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#19
 Benzo(a)anthracene
 Concen: 0.25 ng
 RT: 23.75 min Scan# 4045
 Delta R.T. 0.00 min
 Lab File: BE089518.D
 Acq: 6 Feb 2015 2:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.0	31.6
229	22.7	15.5	23.3





#20

Chrysene

Concen: 0.14 ng/mL

RT: 23.79 min Scan# 4052

Delta R.T. 0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Instrument :

BNA_E

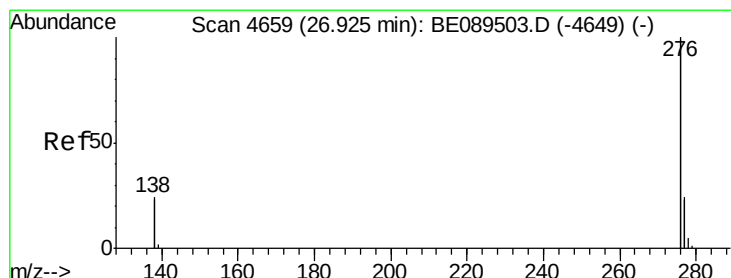
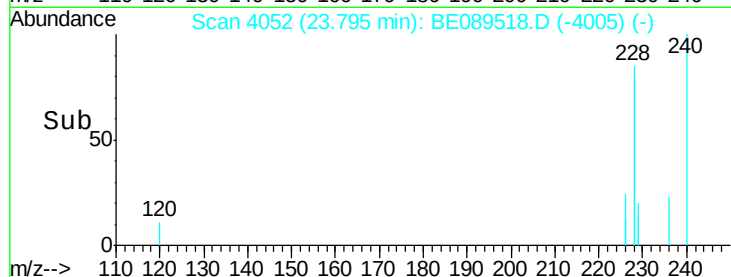
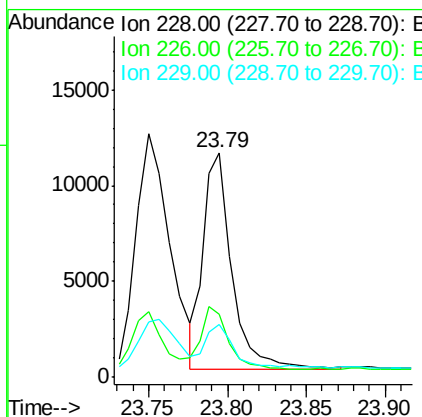
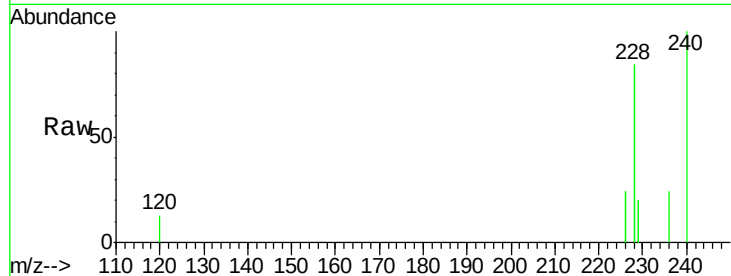
ClientSampleId :

YT-MW-01

Tot Ion:	228	Resp:	14537
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.3	33.5
229	23.8	15.4	23.0

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#21

Indeno(1,2,3-cd)pyrene

Concen: 0.33 ng/mL

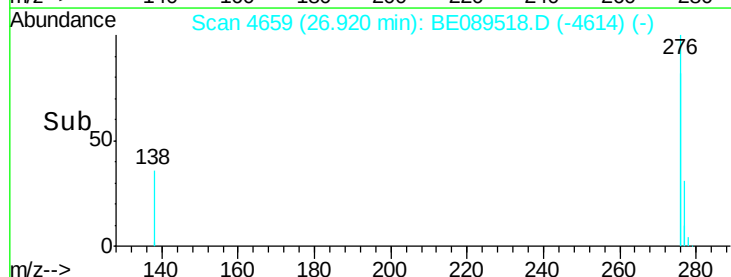
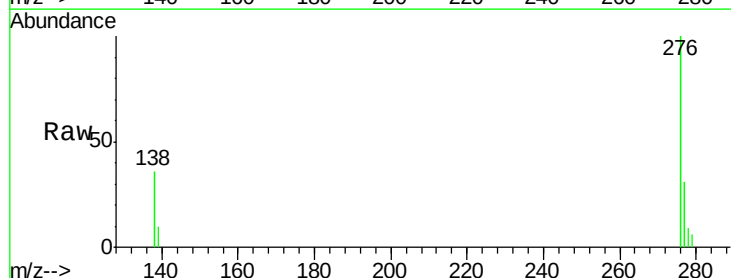
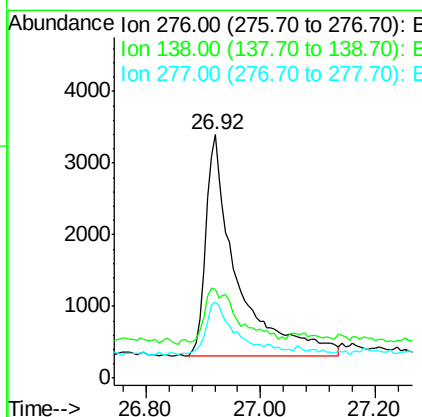
RT: 26.92 min Scan# 4659

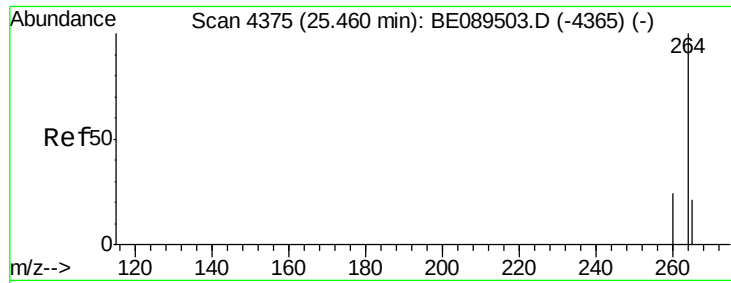
Delta R.T. -0.00 min

Lab File: BE089518.D

Acq: 6 Feb 2015 2:14

Tgt Ion:	276	Resp:	11608
Ion Ratio	Lower	Upper	
276	100		
138	26.7	23.2	34.8
277	21.6	19.8	29.6





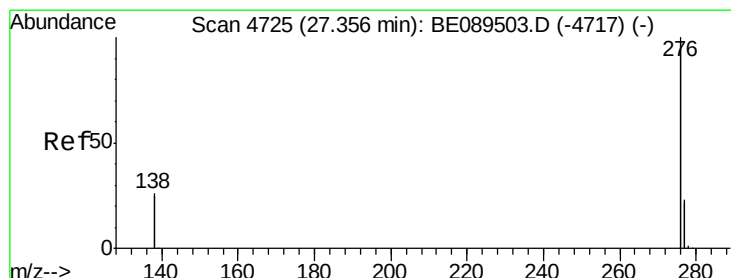
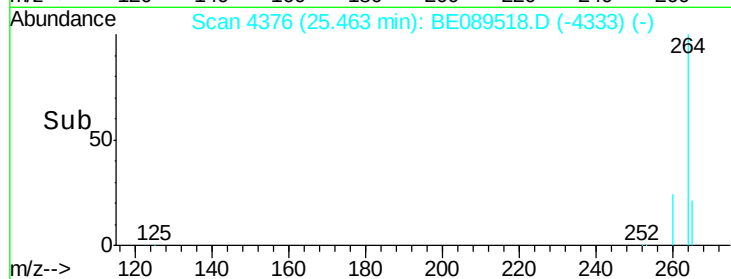
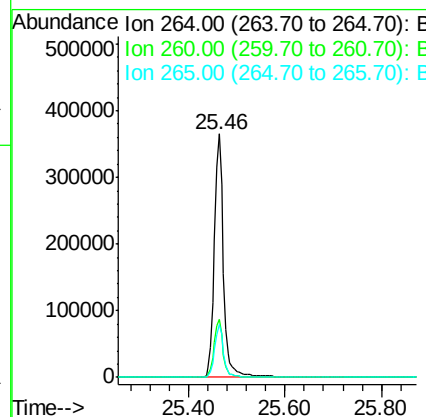
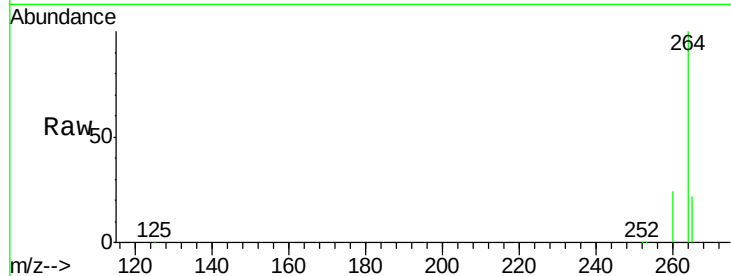
#22
Pervlene-d12
Concen: 5.00 ng
RT: 25.46 min Scan# 4376
Delta R.T. 0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Instrument :
BNA_E
ClientSampleId :
YT-MW-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.5	17.0	25.6

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#27
Benzo(g,h,i)perylene
Concen: 0.22 ng
RT: 27.35 min Scan# 4725
Delta R.T. -0.00 min
Lab File: BE089518.D
Acq: 6 Feb 2015 2:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.0	18.6	28.0#
138	38.4	20.8	31.2#

