

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
 Data File : BE089519.D
 Acq On : 6 Feb 2015 2:53
 Operator : TP/IZ
 Sample : G1210-06
 Misc : 4 TIME INT STD
 ALS Vial : 18 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

Manual Integrations
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Quant Time: Feb 06 13:21:06 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	126429	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	524203	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	240911	5.00	ng	0.00
11) Phenanthrene-d10	19.91	188	468285	5.00	ng	0.00
16) Chrysene-d12	23.77	240	514182	5.00	ng	0.00
22) Perylene-d12	25.46	264	496217	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	54973	5.50	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	105532	5.56	ng	0.00
18) Terphenyl-d14	22.41	244	147515	6.60	ng	0.00
Target Compounds						Ovalue
4) Naphthalene	12.45	128	4174	0.13	ng	# 91
5) 2-Methylnaphthalene	14.10	142	3012m	0.14	ng	
10) Fluorene	17.91	166	2689m	0.26	ng	
13) Phenanthrene	19.94	178	4305m	0.12	ng	
14) Anthracene	20.03	178	1557m	0.28	ng	
15) Fluoranthene	21.83	202	1829	0.28	ng	# 97
17) Pyrene	22.15	202	1996	0.05	ng	96
19) Benzo(a)anthracene	23.75	228	11272	0.21	ng	# 89
20) Chrysene	23.79	228	5975	0.08	ng	# 90
21) Indeno(1,2,3-cd)pyrene	26.92	276	5083	0.29	ng	98

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

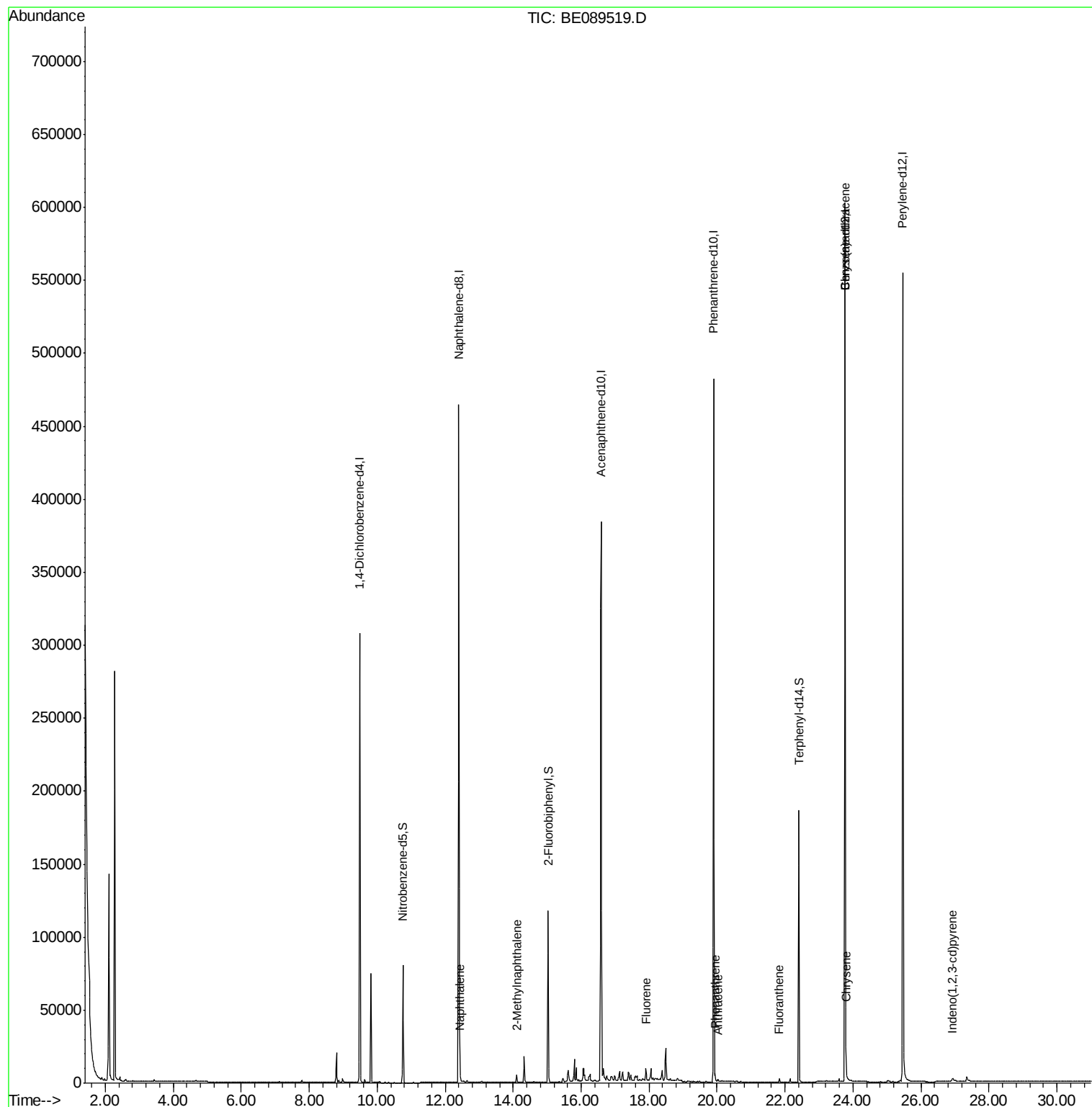
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089519.D
Acq On : 6 Feb 2015 2:53
Operator : TP/IZ
Sample : G1210-06
Misc : 4 TIME INT STD
ALS Vial : 18 Sample Multiplier: 4

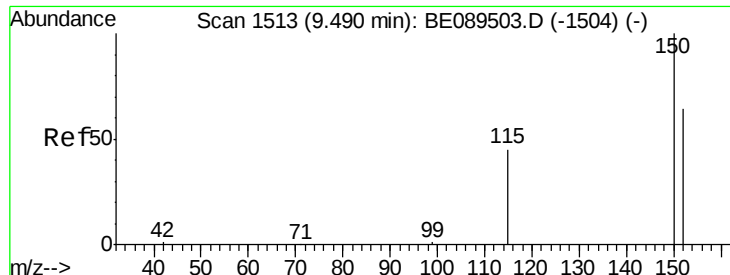
Instrument :
BNA_E
ClientSampleId :
YT-MW-07

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Quant Time: Feb 06 13:21:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.49 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BE089519.D

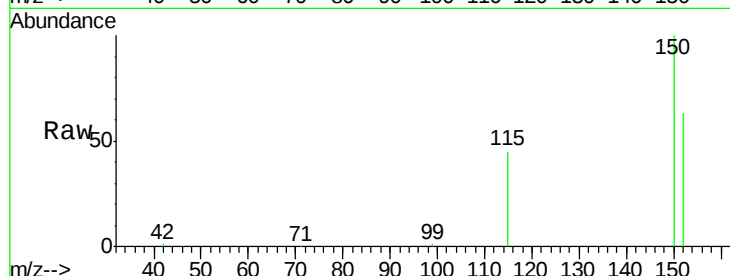
Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

ClientSampleId :

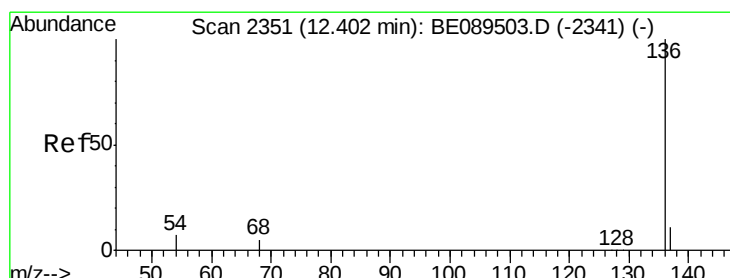
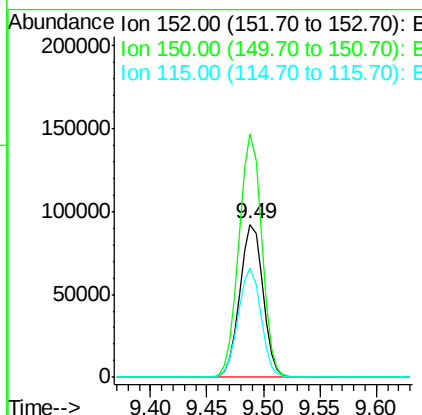
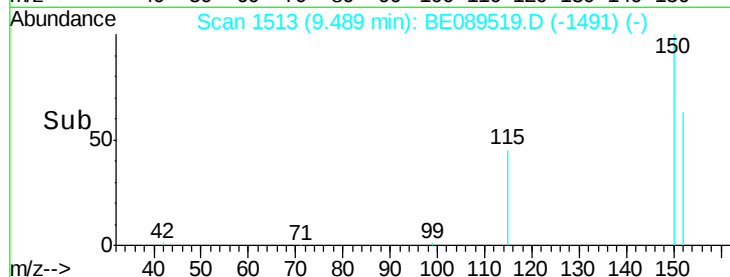
YT-MW-07



Tot Ion:	152	Resp:	126429
Ion Ratio	Lower	Upper	
152	100		
150	159.4	125.0	187.6
115	71.4	56.6	85.0

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#2

Naphthalene-d8

Concen: 5.00 ng

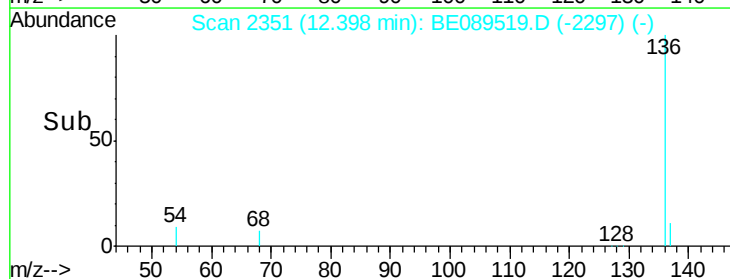
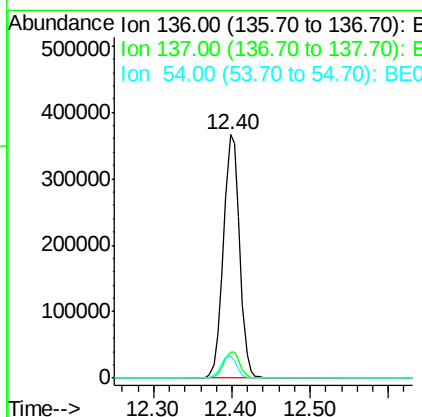
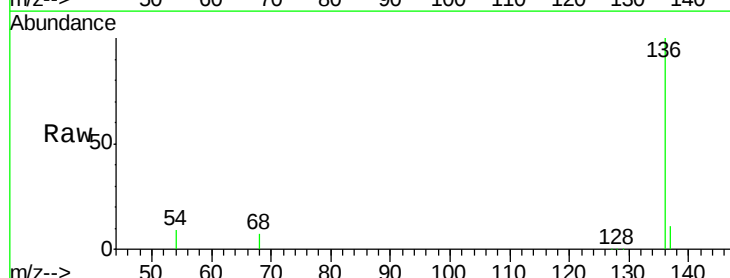
RT: 12.40 min Scan# 2351

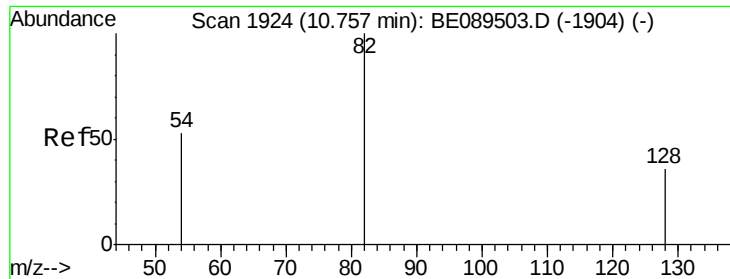
Delta R.T. -0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	136	Resp:	524203
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	9.1	6.0	9.0#





#3

Nitrobenzene-d5

Concen: 5.50 ng

RT: 10.76 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

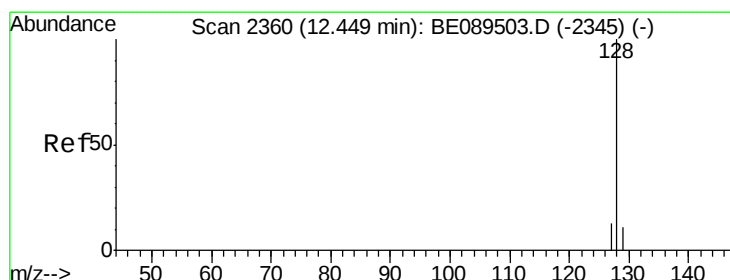
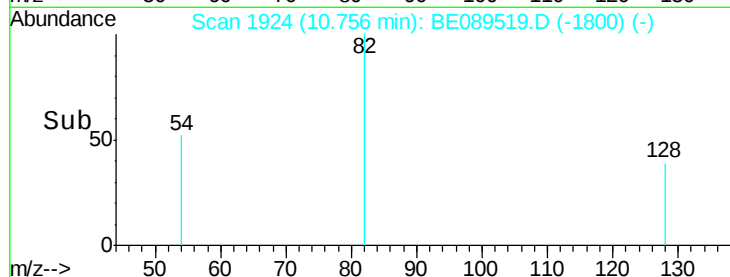
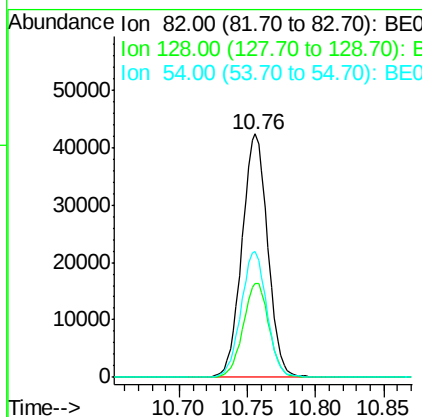
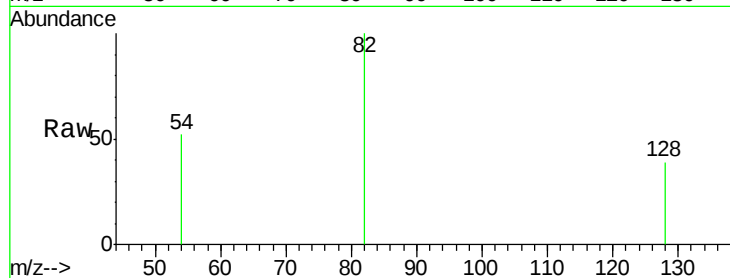
ClientSampleId :

YT-MW-07

Tot Ion:	82	Resp:	54973
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.3	43.9
54	51.7	42.6	64.0

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#4

Naphthalene

Concen: 0.13 ng

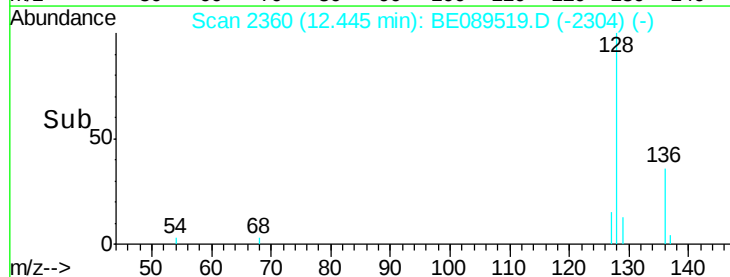
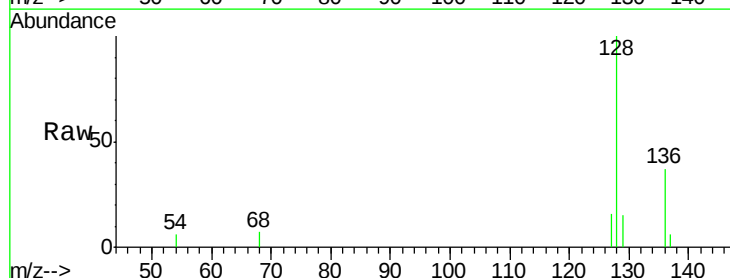
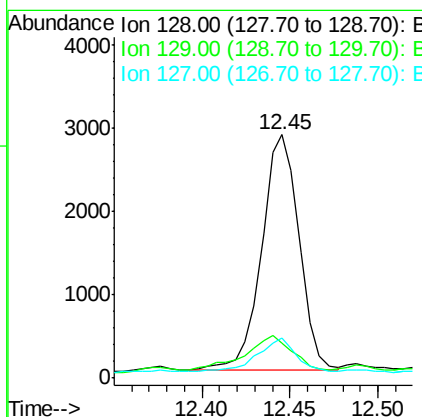
RT: 12.45 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	128	Resp:	4174
Ion Ratio	Lower	Upper	
128	100		
129	14.5	8.8	13.2#
127	16.4	10.3	15.5#





#5

2-Methylnaphthalene

Concen: 0.14 ng

RT: 14.10 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

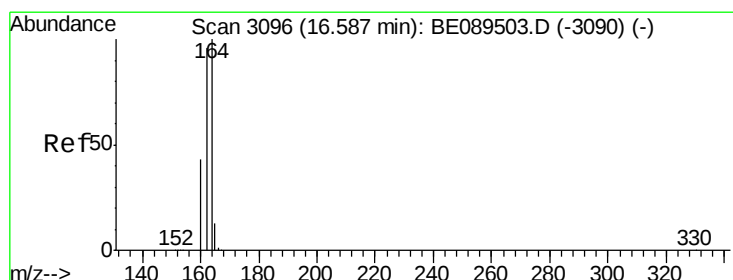
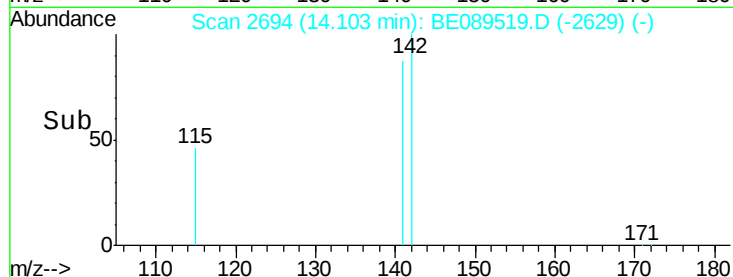
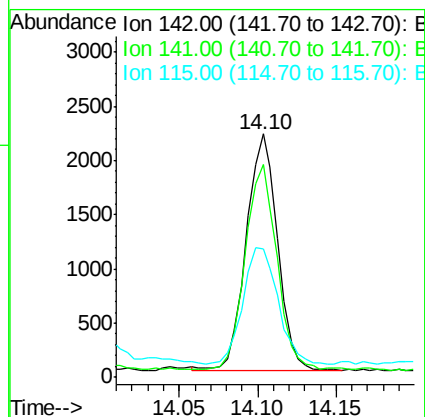
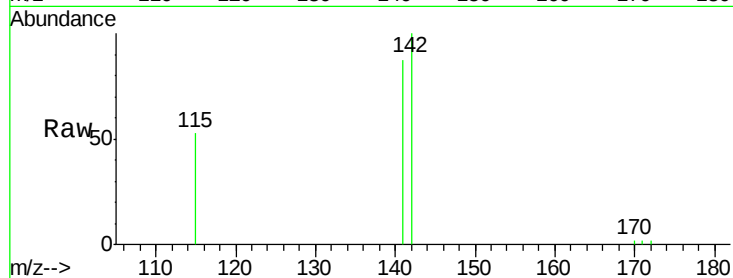
ClientSampleId :

YT-MW-07

Tot Ion:	142	Resp:	3012
Ion Ratio	Lower	Upper	
142	100		
141	87.5	66.3	99.5
115	52.8	31.1	46.7

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#6

Acenaphthene-d10

Concen: 5.00 ng

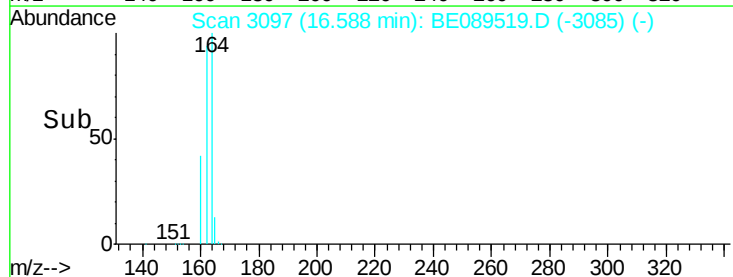
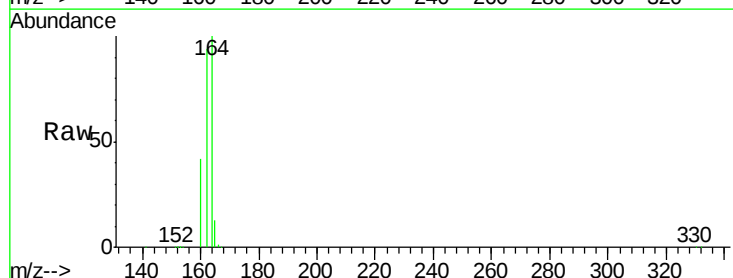
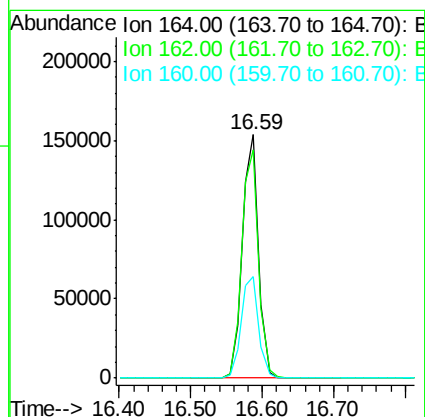
RT: 16.59 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	164	Resp:	240911
Ion Ratio	Lower	Upper	
164	100		
162	93.6	76.6	115.0
160	41.8	34.6	52.0





#7

2-Fluorobiphenyl

Concen: 5.56 ng

RT: 15.03 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

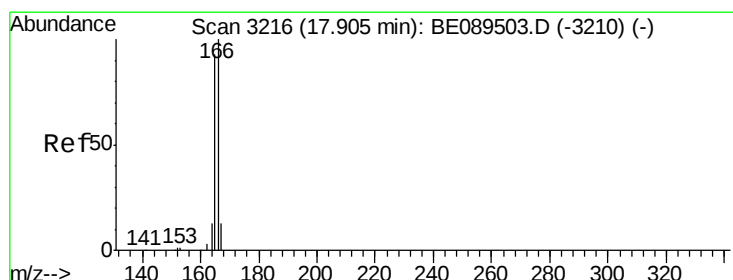
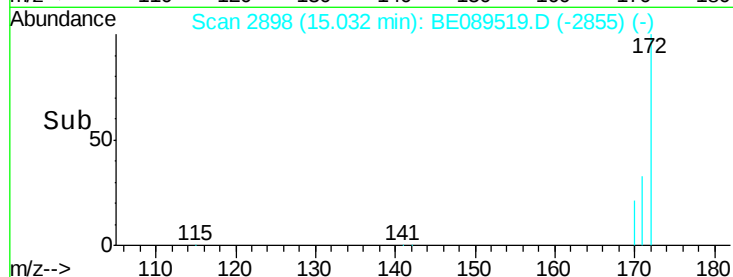
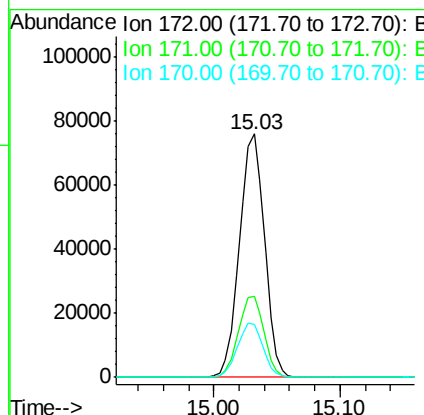
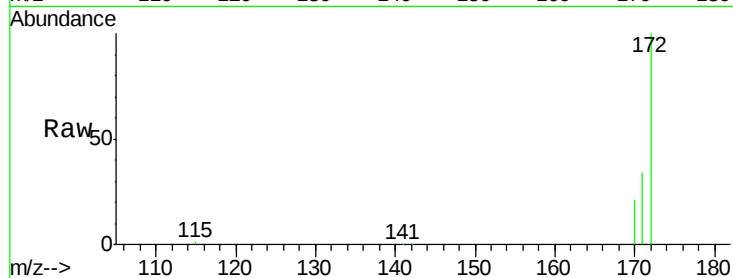
ClientSampleId :

YT-MW-07

Tot Ion:	172	Resp:	105532
Ion Ratio	Lower	Upper	
172	100		
171	33.5	27.4	41.0
170	21.5	18.4	27.6

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#10

Fluorene

Concen: 0.26 ng m

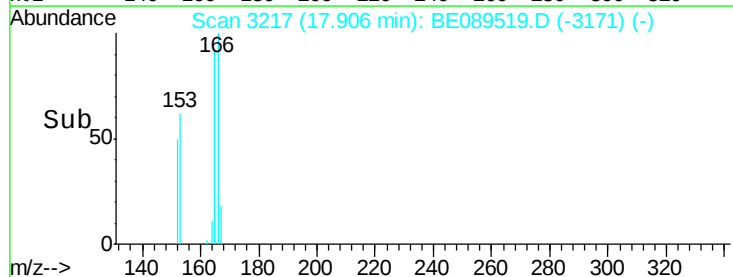
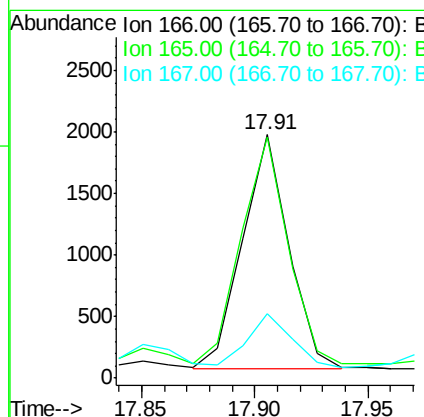
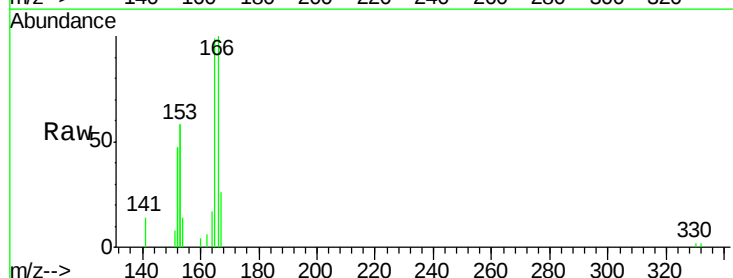
RT: 17.91 min Scan# 3217

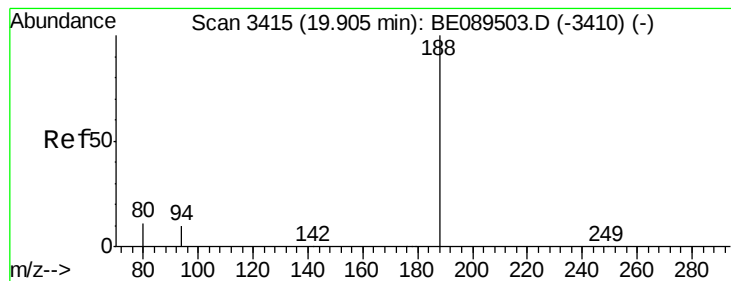
Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	166	Resp:	2689
Ion Ratio	Lower	Upper	
166	100		
165	98.4	73.6	110.4
167	21.5	10.6	15.8#





#11

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.91 min Scan# 3416

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

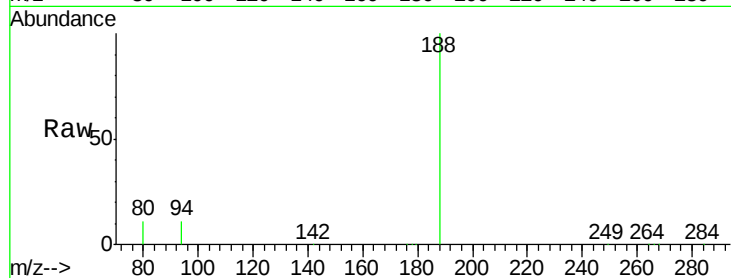
ClientSampleId :

YT-MW-07

Tot Ion:	188	Resp:	468285
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.2	12.4
80	11.5	8.7	13.1

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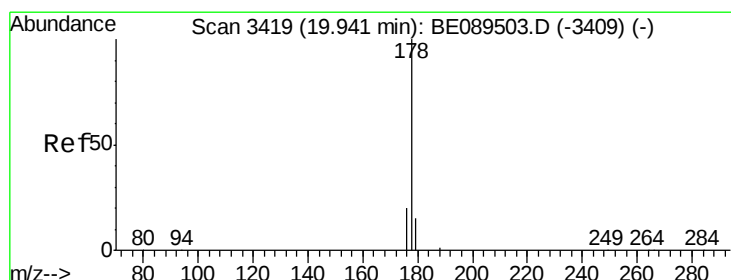
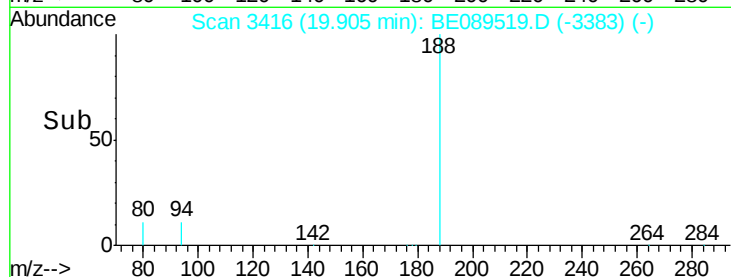
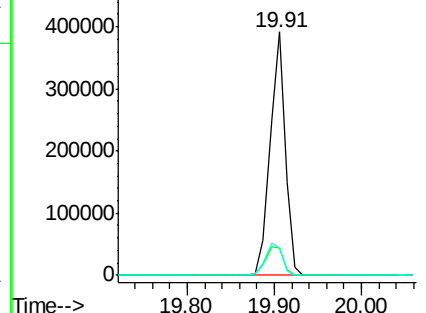
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#13

Phenanthrene

Concen: 0.12 ng m

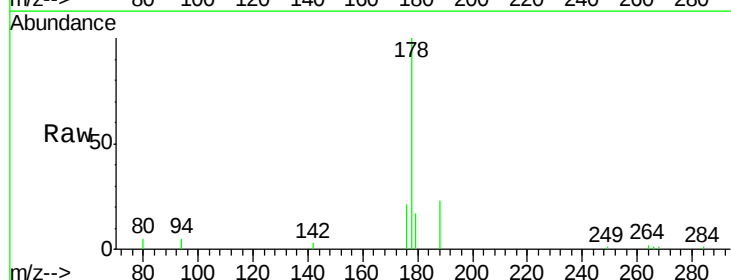
RT: 19.94 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

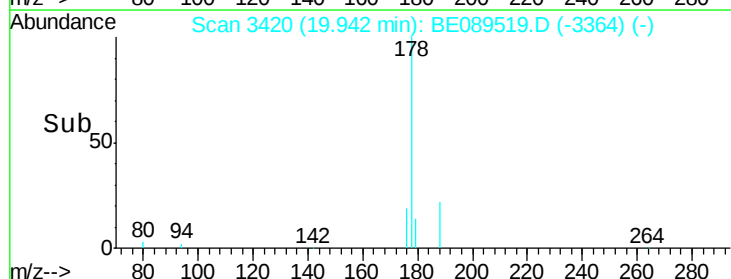
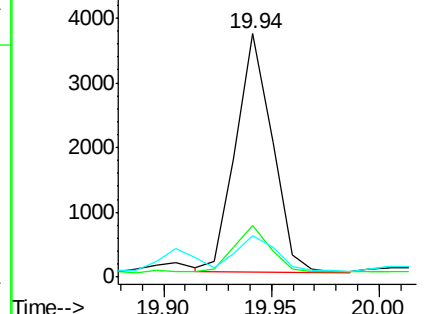
Tgt Ion:	178	Resp:	4305
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.4	23.0
179	16.1	12.4	18.6

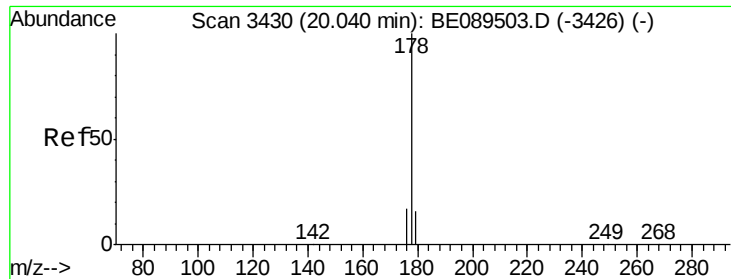


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#14

Anthracene

Concen: 0.28 ng m

RT: 20.03 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

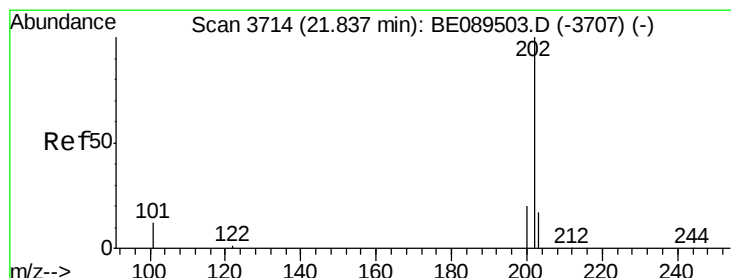
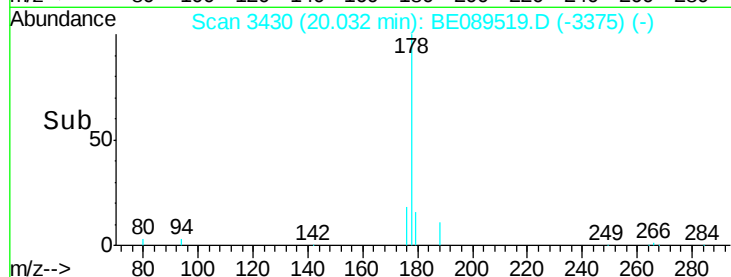
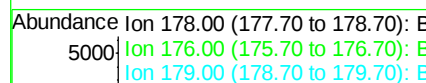
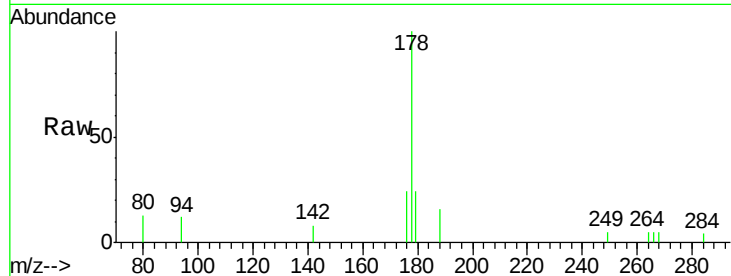
ClientSampleId :

YT-MW-07

Tot Ion:	178	Resp:	1557
Ion Ratio	Lower	Upper	
178	100		
176	56.0	14.6	22.0#
179	46.9	12.1	18.1#

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#15

Fluoranthene

Concen: 0.28 ng

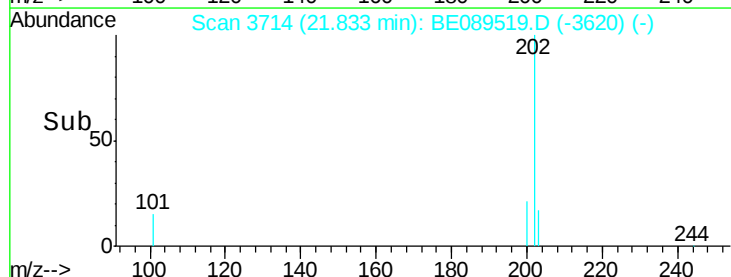
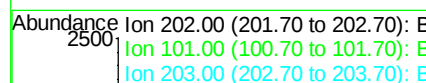
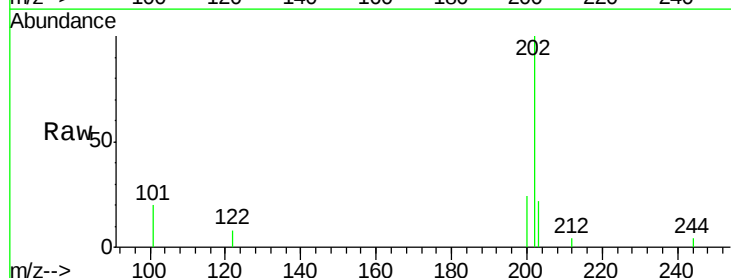
RT: 21.83 min Scan# 3714

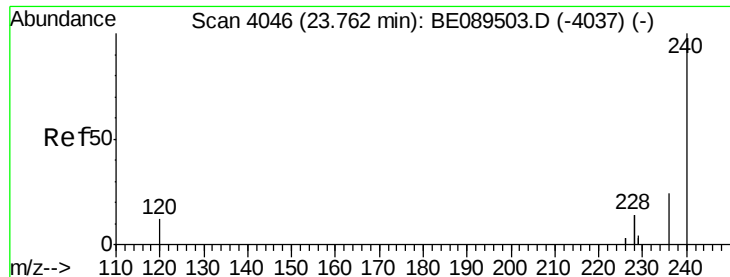
Delta R.T. -0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	202	Resp:	1829
Ion Ratio	Lower	Upper	
202	100		
101	17.0	11.3	16.9#
203	17.2	13.8	20.6





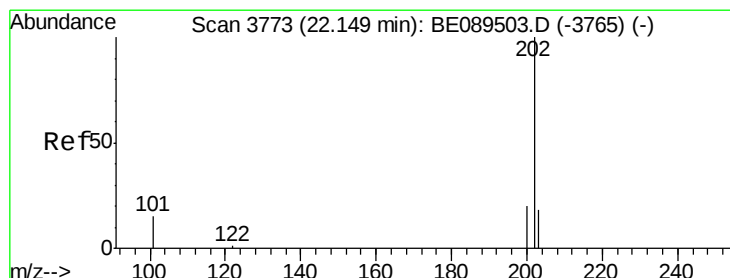
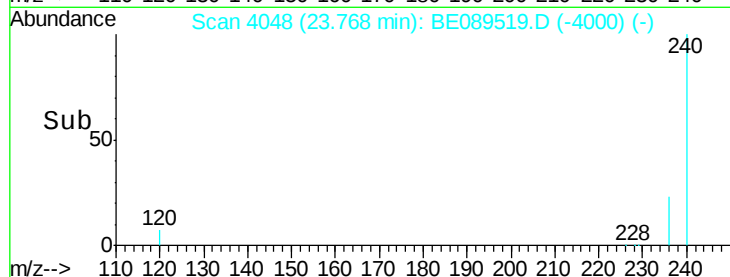
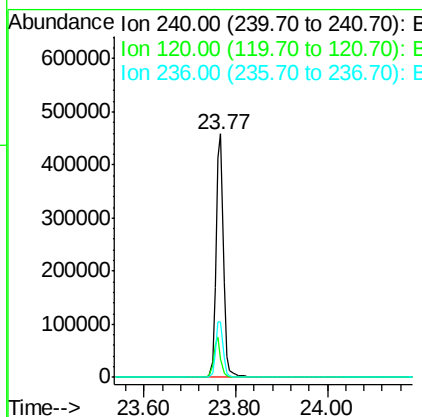
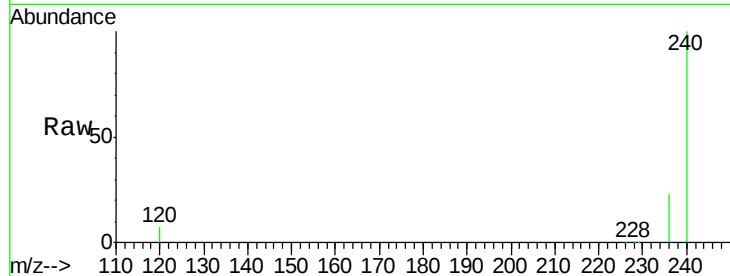
#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 4048
Delta R.T. 0.01 min
Lab File: BE089519.D
Acq: 6 Feb 2015 2:53

Instrument :
BNA_E
ClientSampleId :
YT-MW-07

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	9.6	14.4#
236	22.6	19.4	29.2

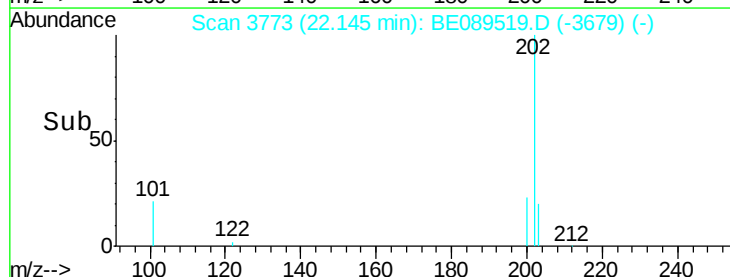
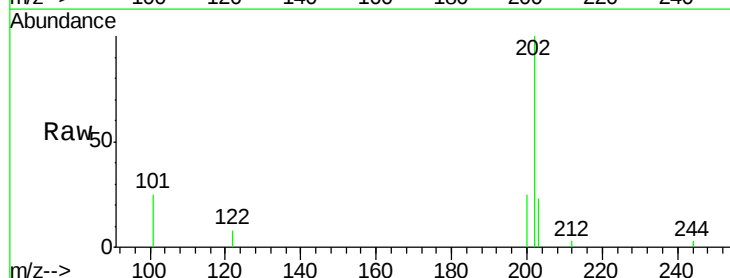
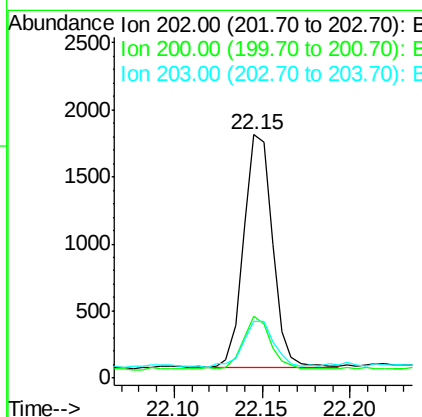
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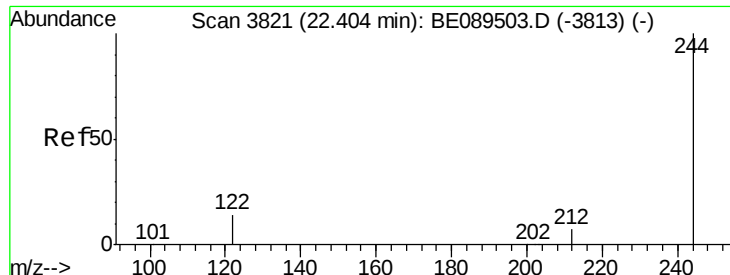
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#17
Pyrene
Concen: 0.05 ng
RT: 22.15 min Scan# 3773
Delta R.T. -0.00 min
Lab File: BE089519.D
Acq: 6 Feb 2015 2:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.5	24.7
203	19.9	14.0	21.0





#18

Terphenyl-d14

Concen: 6.60 ng

RT: 22.41 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

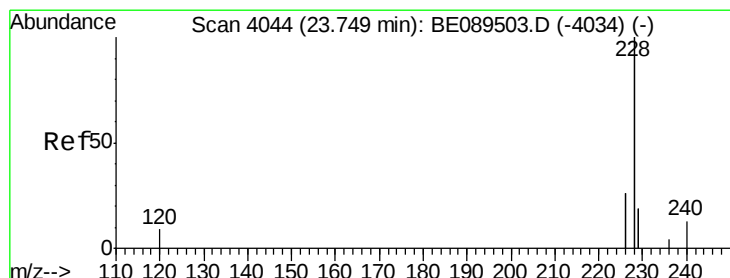
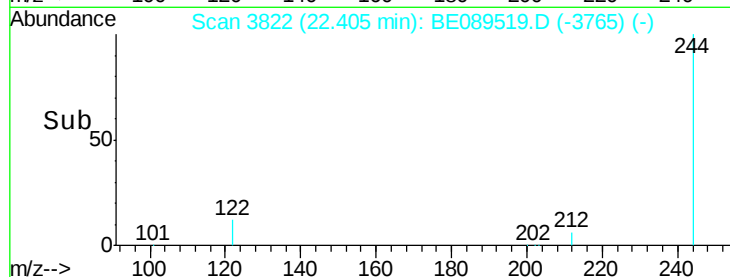
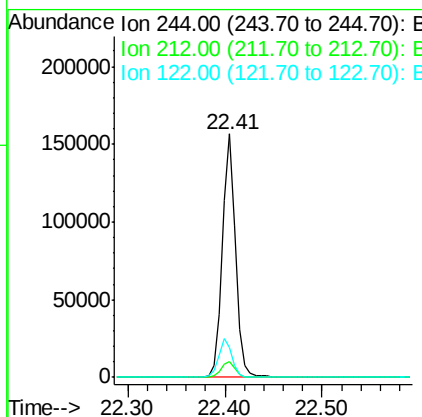
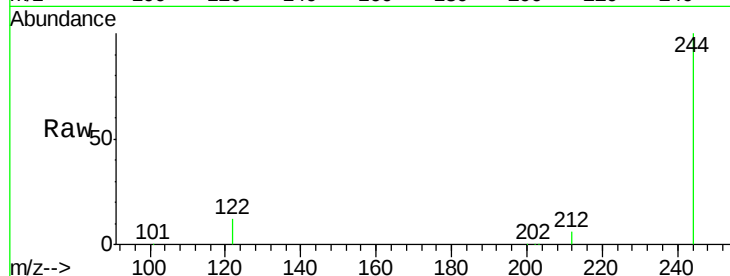
ClientSampleId :

YT-MW-07

Tot Ion:	244	Resp:	147515
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.5	8.3
122	12.3	11.1	16.7

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#19

Benzo(a)anthracene

Concen: 0.21 ng

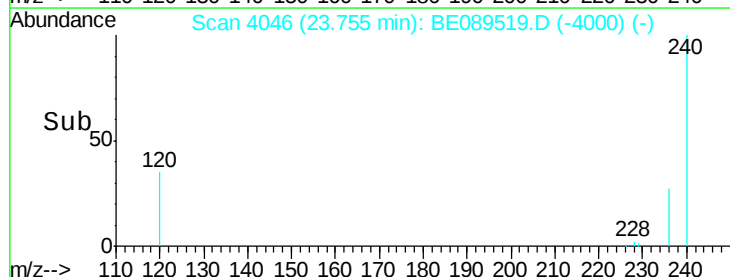
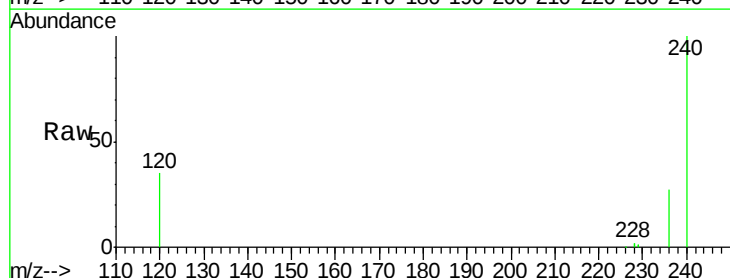
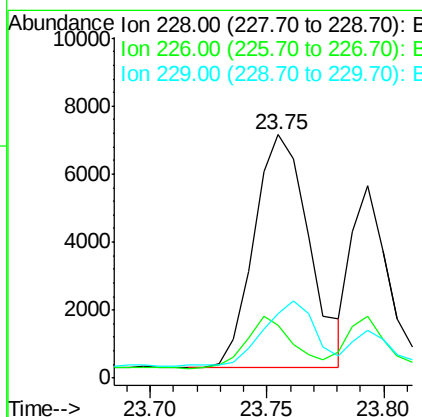
RT: 23.75 min Scan# 4046

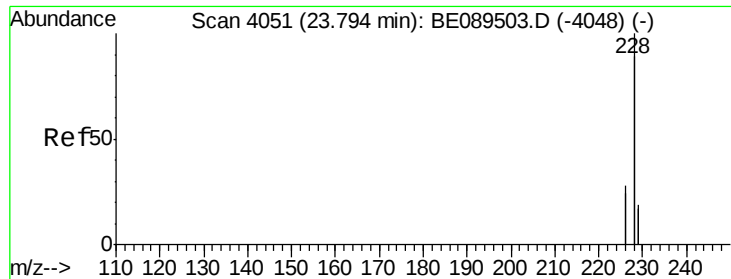
Delta R.T. 0.01 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	228	Resp:	11272
Ion Ratio	Lower	Upper	
228	100		
226	21.9	21.0	31.6
229	26.4	15.5	23.3#





#20

Chrysene

Concen: 0.08 ng

RT: 23.79 min Scan# 4052

Delta R.T. 0.00 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Instrument :

BNA_E

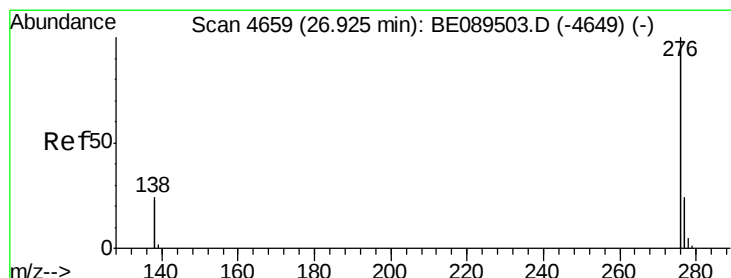
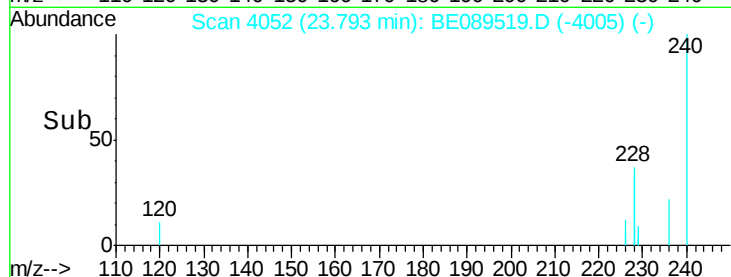
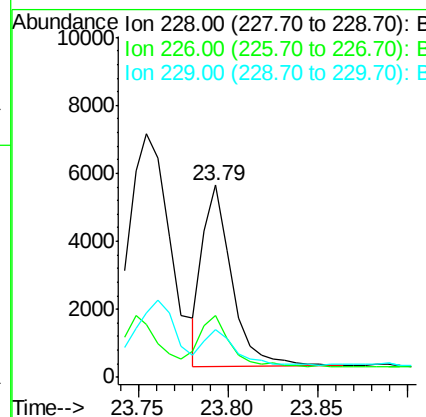
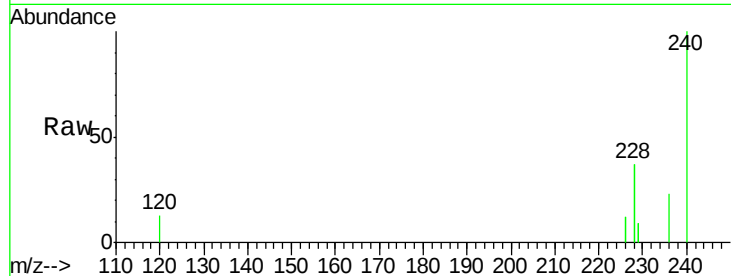
ClientSampleId :

YT-MW-07

Tot Ion:	228	Resp:	5975
Ion Ratio	Lower	Upper	
228	100		
226	32.0	22.3	33.5
229	25.0	15.4	23.0

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#21

Indeno(1,2,3-cd)pyrene

Concen: 0.29 ng

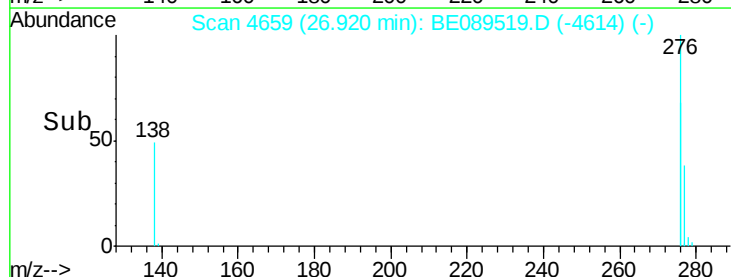
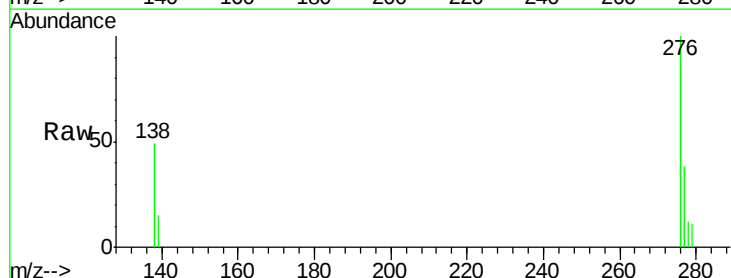
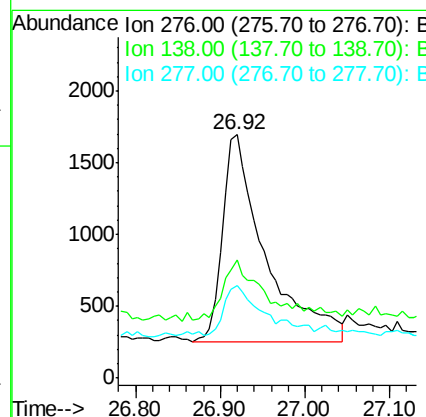
RT: 26.92 min Scan# 4659

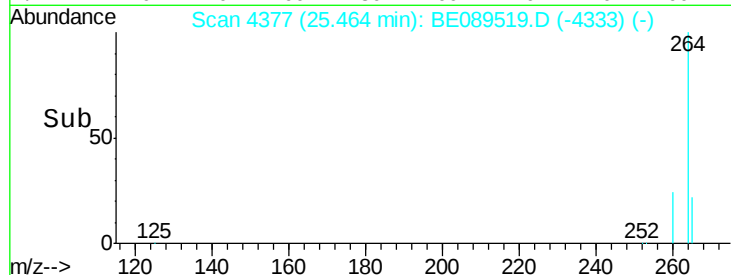
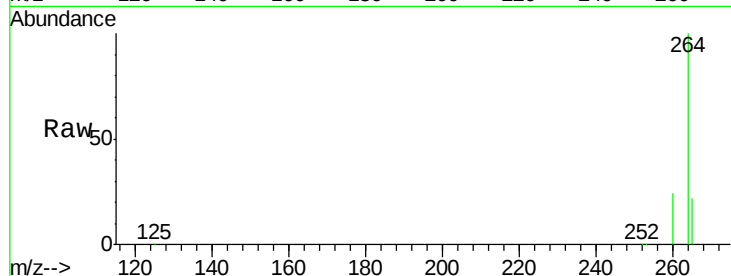
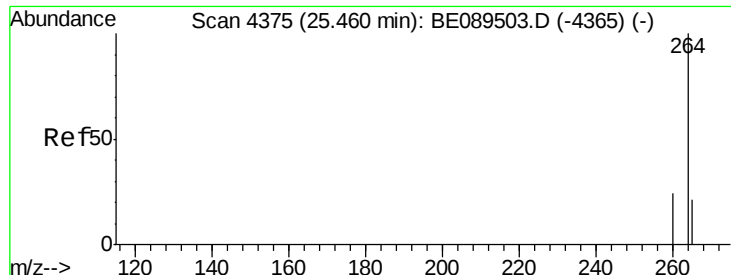
Delta R.T. -0.01 min

Lab File: BE089519.D

Acq: 6 Feb 2015 2:53

Tgt Ion:	276	Resp:	5083
Ion Ratio	Lower	Upper	
276	100		
138	29.3	23.2	34.8
277	22.4	19.8	29.6





#22
 Pervlene-d12
 Concen: 5.00 ng
 RT: 25.46 min Scan# 4377
 Delta R.T. 0.00 min
 Lab File: BE089519.D
 Acq: 6 Feb 2015 2:53

Tot Ion:	264	Resp:	496217
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	21.7	17.0	25.6

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-07

Manual Integrations
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