

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
 Data File : BE089520.D
 Acq On : 6 Feb 2015 3:32
 Operator : TP/IZ
 Sample : G1210-10
 Misc : 4 TIME INT STD
 ALS Vial : 19 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Manual Integrations
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Quant Time: Feb 06 13:22:21 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	120647	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	530773	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	250393	5.00	ng	0.00
11) Phenanthrene-d10	19.91	188	478559	5.00	ng	0.00
16) Chrysene-d12	23.77	240	493860	5.00	ng	0.00
22) Perylene-d12	25.46	264	458148	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	60369	5.96	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	122399	6.21	ng	0.00
18) Terphenyl-d14	22.41	244	166278	7.74	ng	0.00
Target Compounds						Ovalue
4) Naphthalene	12.44	128	1222	0.04	ng	# 81
5) 2-Methylnaphthalene	14.10	142	1054m	0.05	ng	
10) Fluorene	17.91	166	1238	0.20	ng	# 93
13) Phenanthrene	19.94	178	2720m	0.07	ng	
14) Anthracene	20.03	178	816m	0.26	ng	
15) Fluoranthene	21.83	202	1663	0.27	ng	# 92
17) Pyrene	22.15	202	1744	0.05	ng	97
19) Benzo(a)anthracene	23.76	228	9329	0.20	ng	# 76
20) Chrysene	23.79	228	4593	0.08	ng	# 85
21) Indeno(1,2,3-cd)pyrene	26.92	276	3651	0.29	ng	98

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

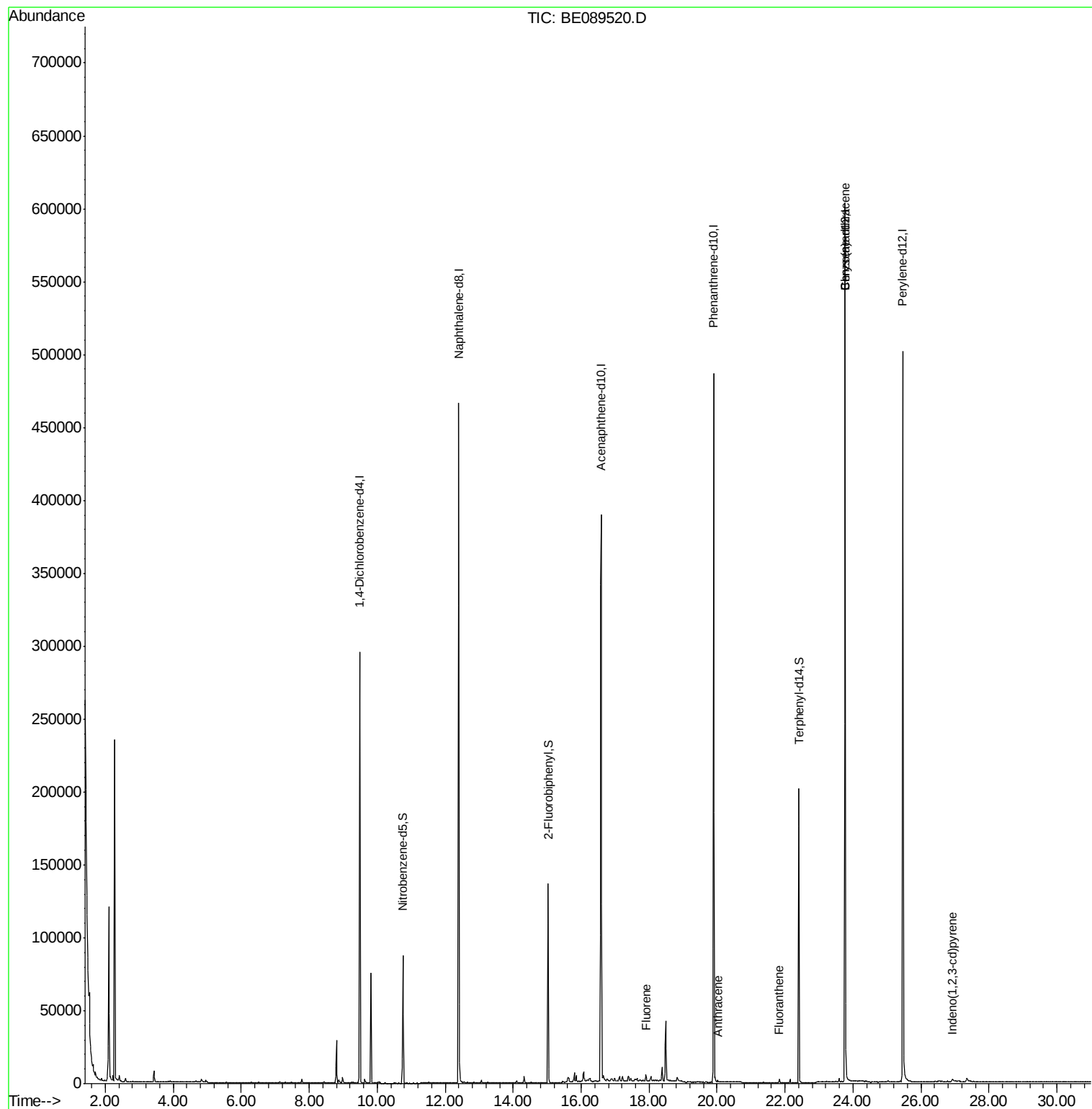
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089520.D
Acq On : 6 Feb 2015 3:32
Operator : TP/IZ
Sample : G1210-10
Misc : 4 TIME INT STD
ALS Vial : 19 Sample Multiplier: 4

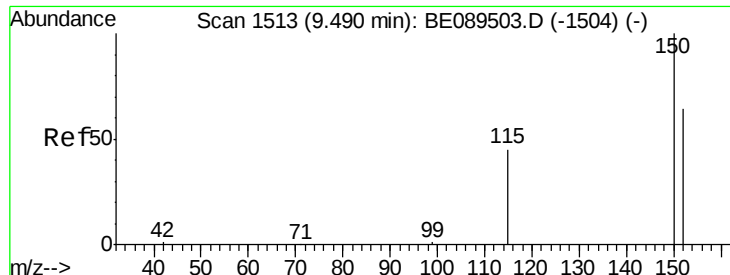
Instrument :
BNA_E
ClientSampleId :
YT-MW-11

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Quant Time: Feb 06 13:22:21 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: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

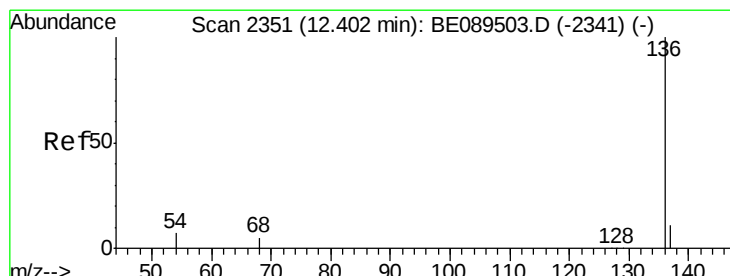
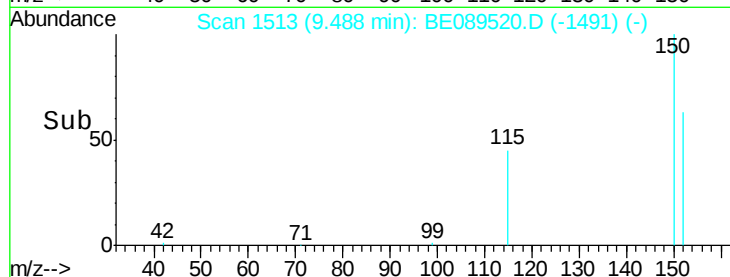
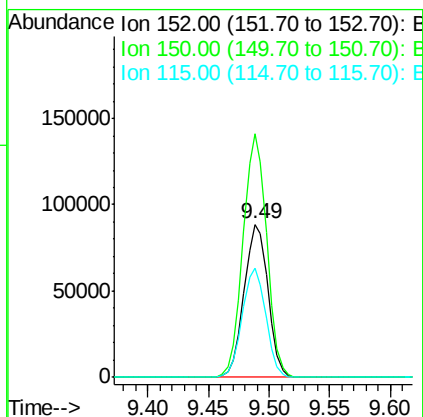
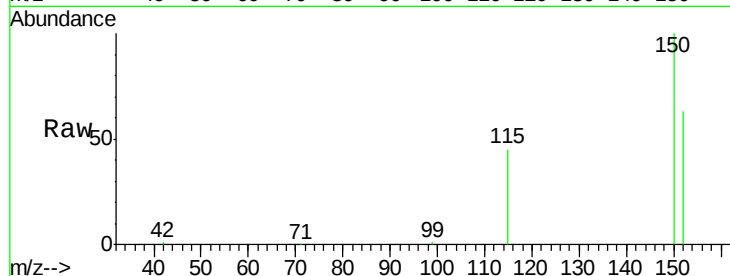
ClientSampleId :

YT-MW-11

Tot Ion:	152	Resp:	120647
Ion Ratio	Lower	Upper	
152	100		
150	159.1	125.0	187.6
115	71.2	56.6	85.0

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#2

Naphthalene-d8

Concen: 5.00 ng

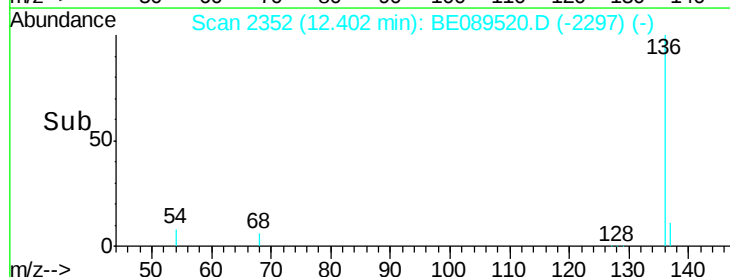
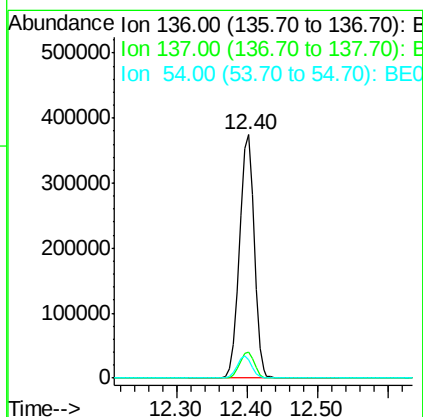
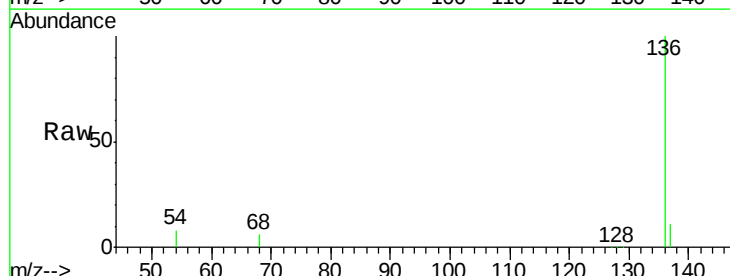
RT: 12.40 min Scan# 2352

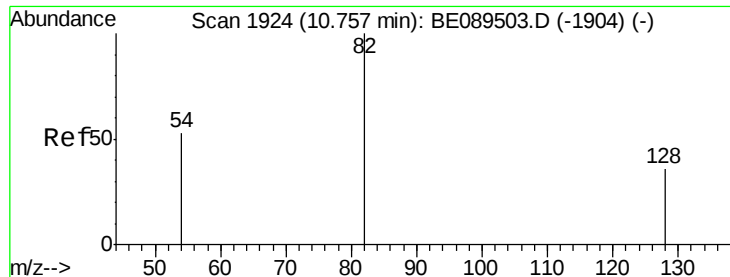
Delta R.T. 0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	136	Resp:	530773
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	7.7	6.0	9.0





#3

Nitrobenzene-d5

Concen: 5.96 ng

RT: 10.76 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

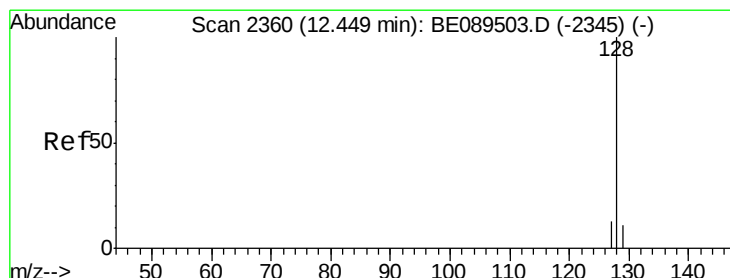
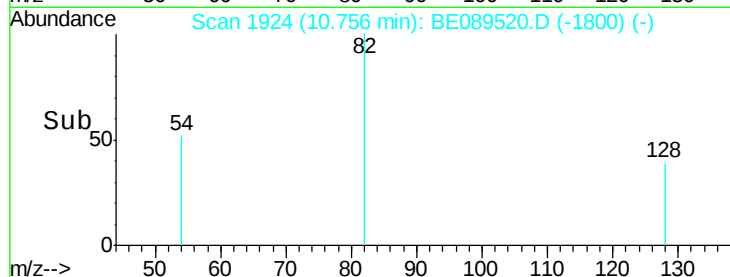
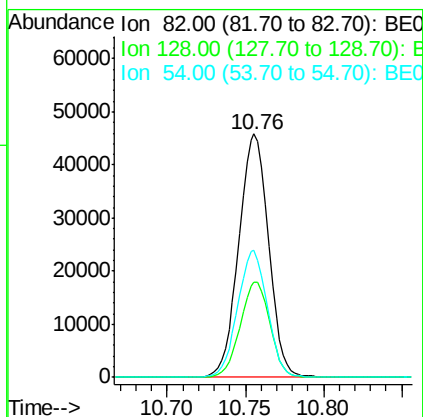
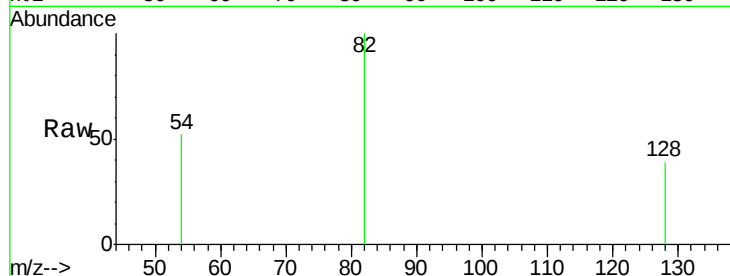
ClientSampleId :

YT-MW-11

Tot Ion:	82	Resp:	60369
Ion Ratio	Lower	Upper	
82	100		
128	39.2	29.3	43.9
54	52.0	42.6	64.0

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#4

Naphthalene

Concen: 0.04 ng

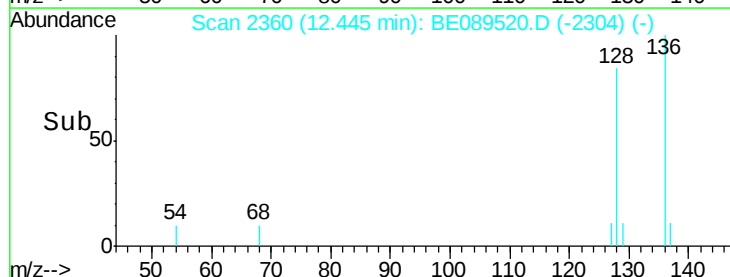
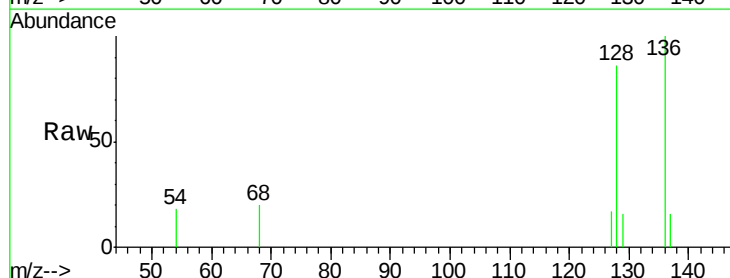
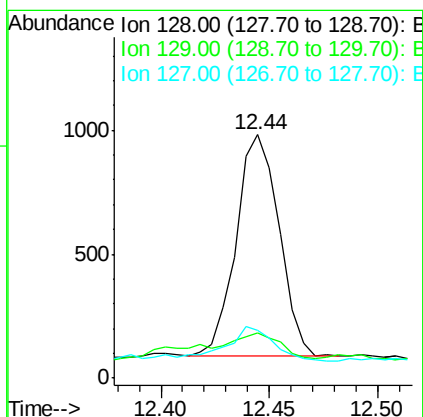
RT: 12.44 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	128	Resp:	1222
Ion Ratio	Lower	Upper	
128	100		
129	18.6	8.8	13.2#
127	19.9	10.3	15.5#





#5

2-Methylnaphthalene

Concen: 0.05 ng

RT: 14.10 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

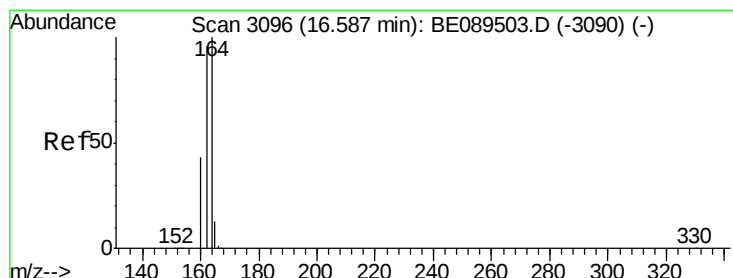
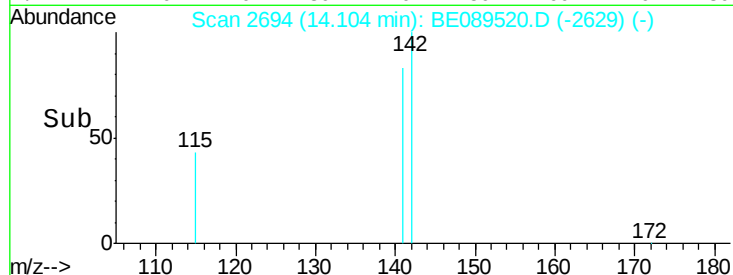
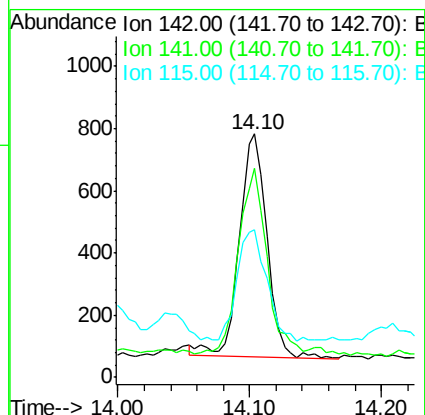
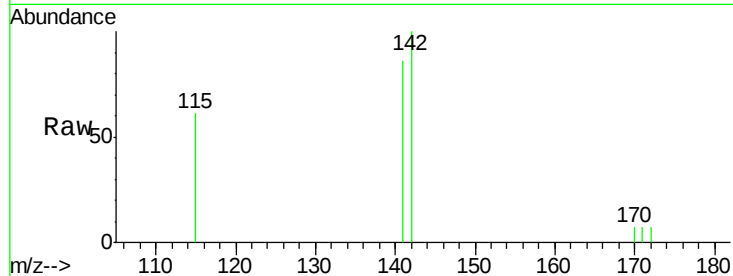
ClientSampled :

YT-MW-11

Tot Ion:	142	Resp:	1054
Ion Ratio	Lower	Upper	
142	100		
141	85.7	66.3	99.5
115	60.5	31.1	46.7

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#6

Acenaphthene-d10

Concen: 5.00 ng

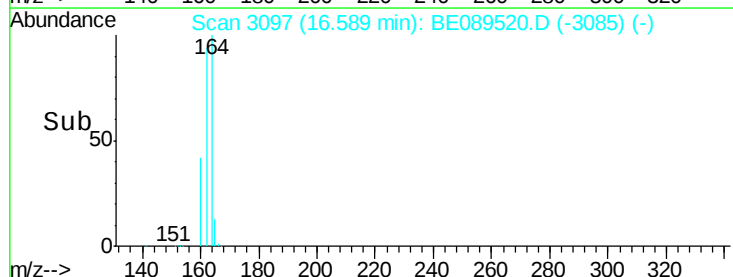
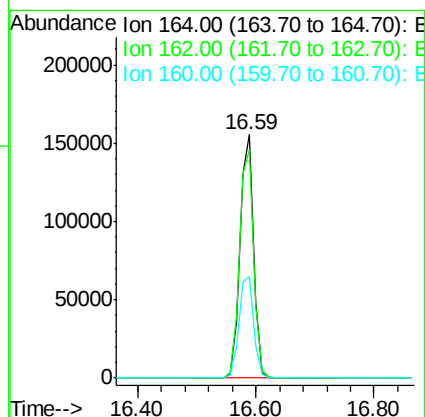
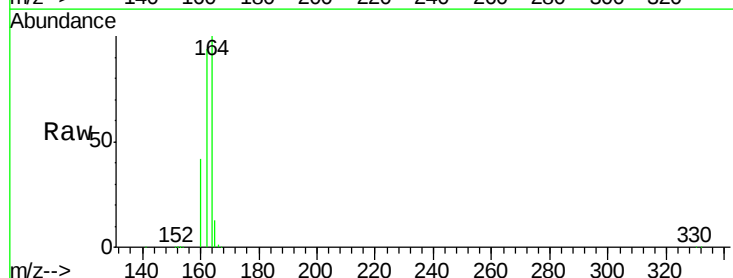
RT: 16.59 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	164	Resp:	250393
Ion Ratio	Lower	Upper	
164	100		
162	94.0	76.6	115.0
160	41.9	34.6	52.0





#7

2-Fluorobiphenyl

Concen: 6.21 ng

RT: 15.03 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

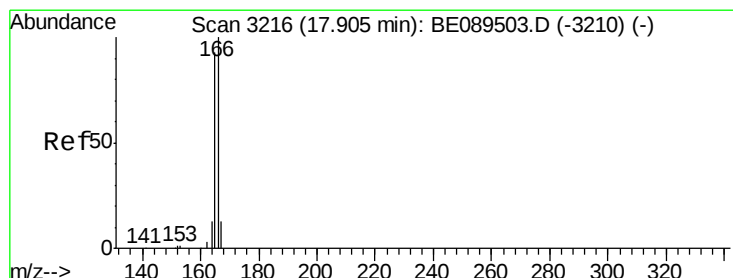
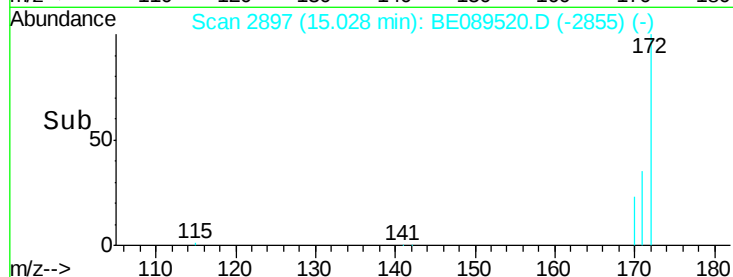
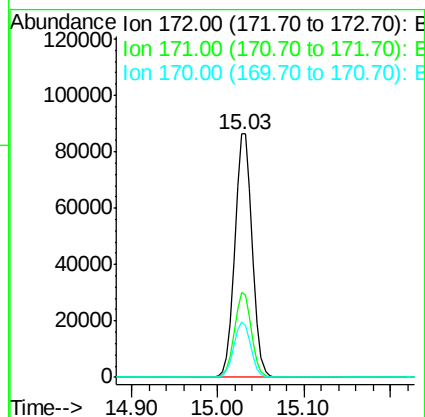
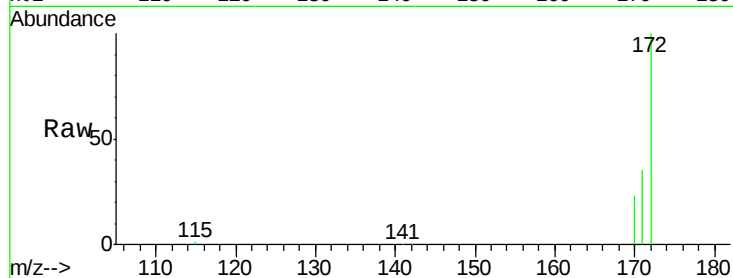
ClientSampleId :

YT-MW-11

Tot Ion:	172	Resp:	122399
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.4	41.0
170	23.0	18.4	27.6

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#10

Fluorene

Concen: 0.20 ng

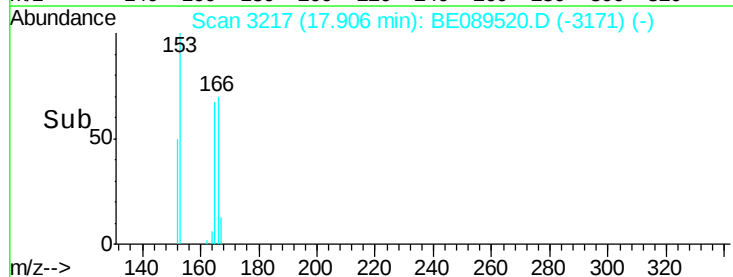
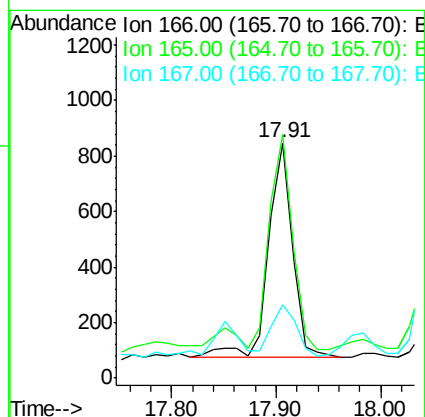
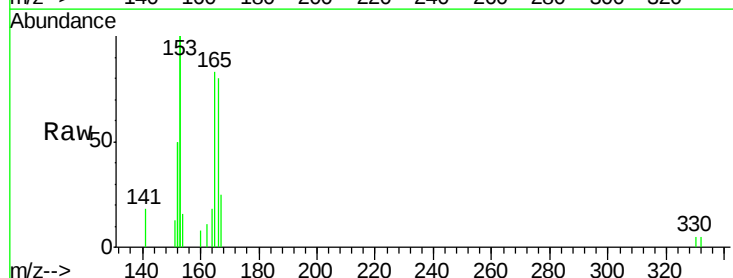
RT: 17.91 min Scan# 3217

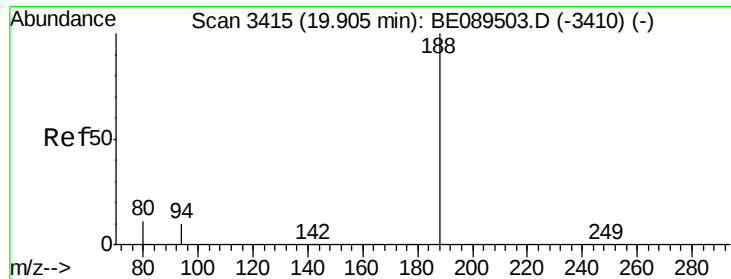
Delta R.T. 0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	166	Resp:	1238
Ion Ratio	Lower	Upper	
166	100		
165	95.6	73.6	110.4
167	24.1	10.6	15.8#





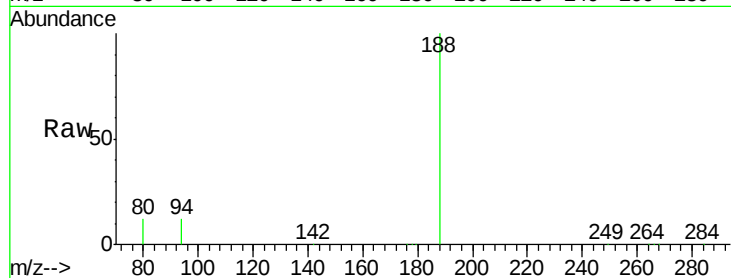
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.91 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BE089520.D
Acq: 6 Feb 2015 3:32

Instrument :
BNA_E
ClientSampleId :
YT-MW-11

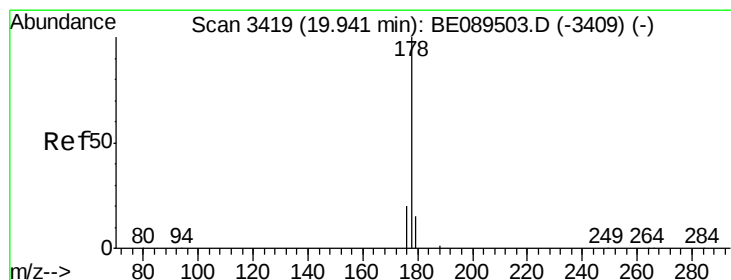
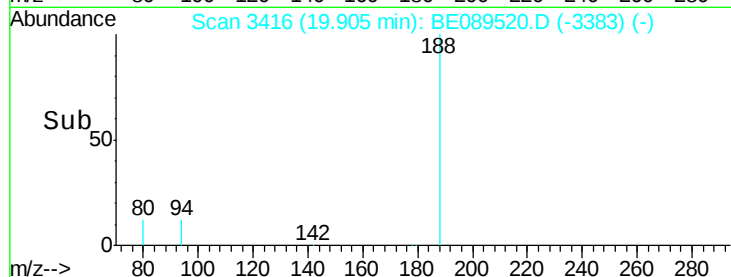
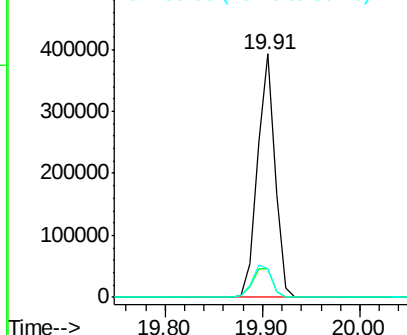
Tot Ion	Ratio	Resp	Lower	Upper
188	100	478559		
94	11.7		8.2	12.4
80	11.9		8.7	13.1

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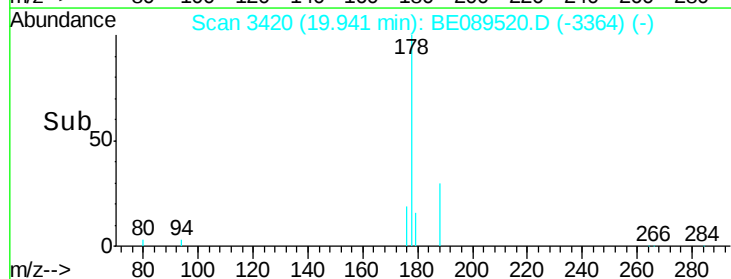
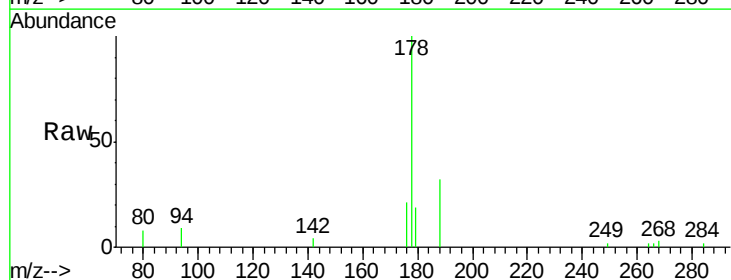
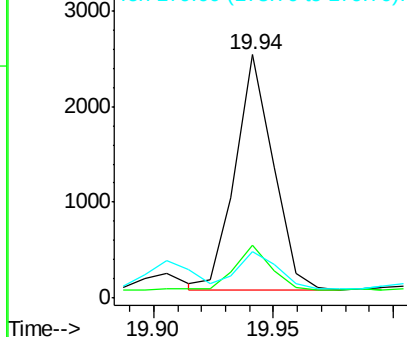
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

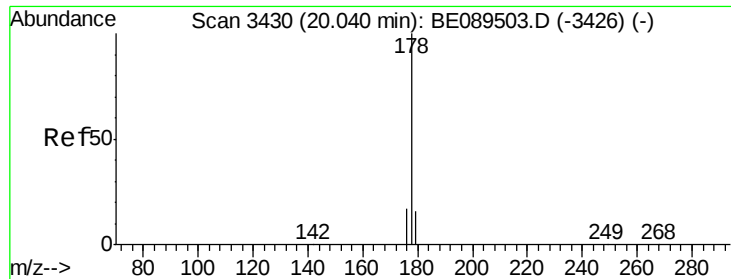


#13
Phenanthrene
Concen: 0.07 ng m
RT: 19.94 min Scan# 3420
Delta R.T. 0.00 min
Lab File: BE089520.D
Acq: 6 Feb 2015 3:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2720		
176	18.8		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: 0.26 ng m

RT: 20.03 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

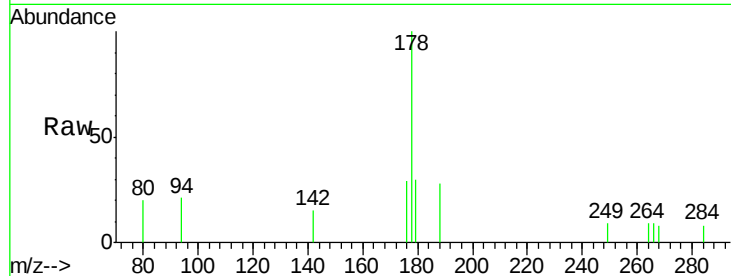
ClientSampleId :

YT-MW-11

Tot Ion	Ratio	Lower	Upper
178	100		
176	65.1	14.6	22.0#
179	54.5	12.1	18.1#

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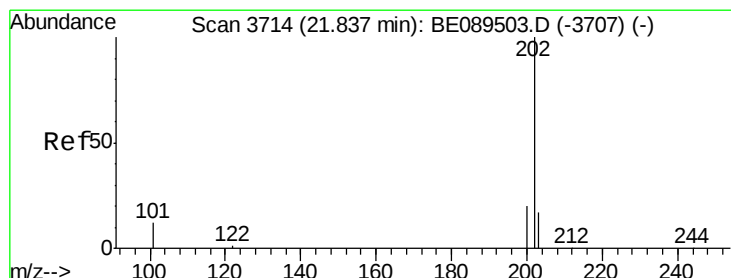
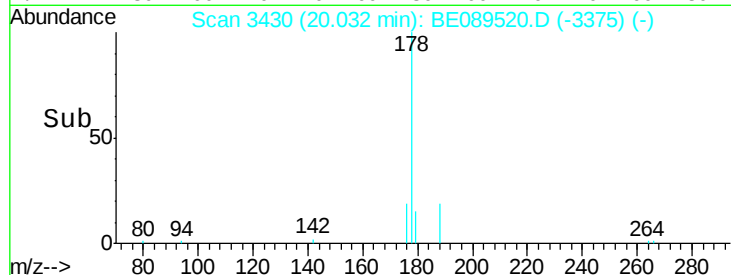
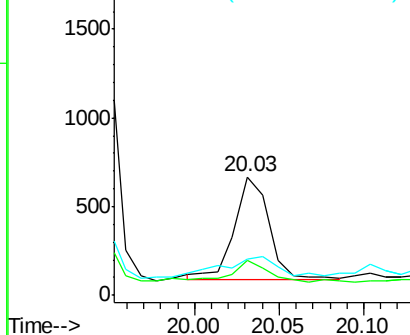
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.27 ng

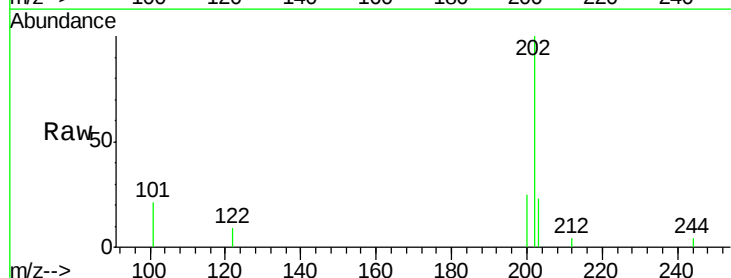
RT: 21.83 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

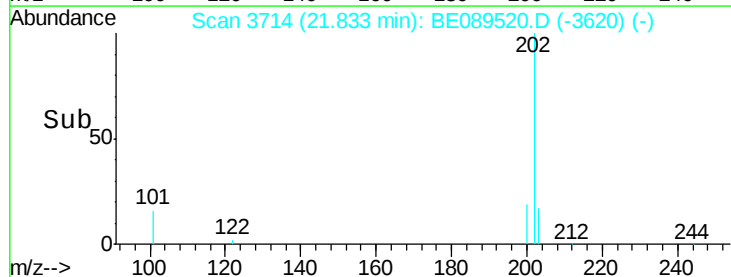
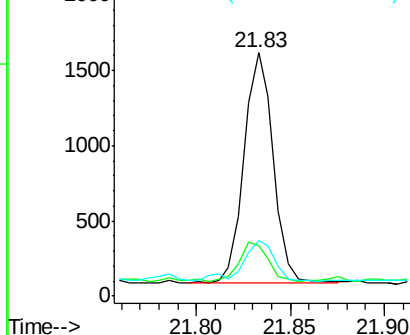
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.3	16.9#
203	20.6	13.8	20.6

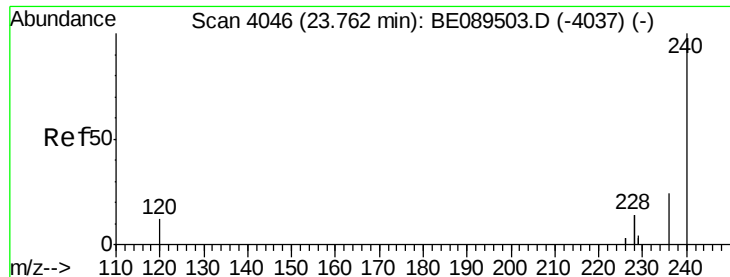


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





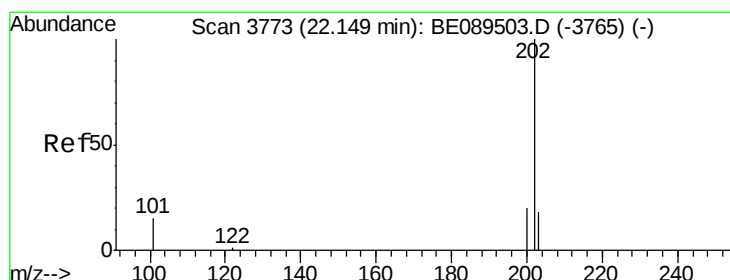
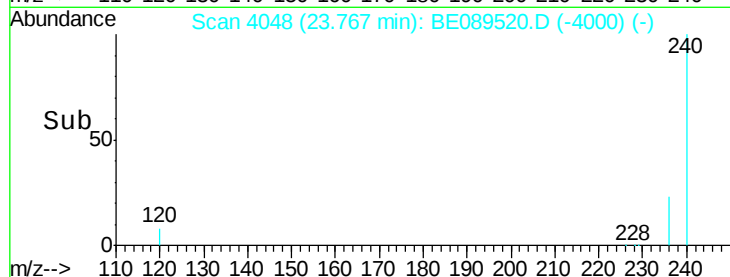
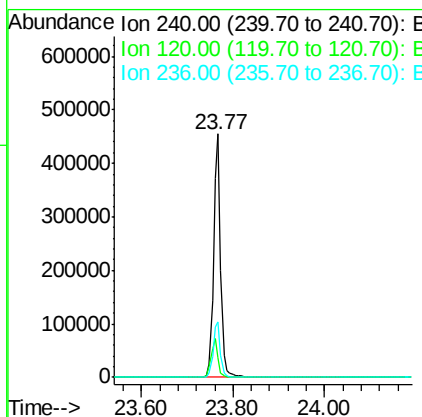
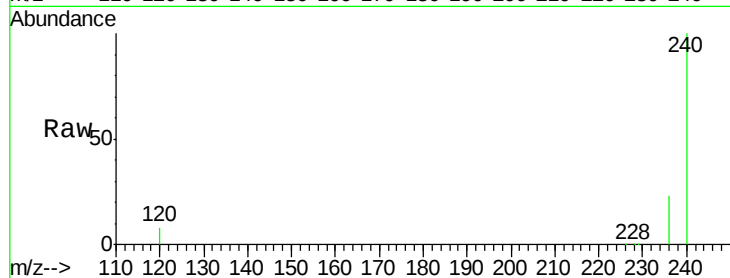
#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.77 min Scan# 4048
Delta R.T. 0.01 min
Lab File: BE089520.D
Acq: 6 Feb 2015 3:32

Instrument :
BNA_E
ClientSampleId :
YT-MW-11

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.6	14.4#
236	23.0	19.4	29.2

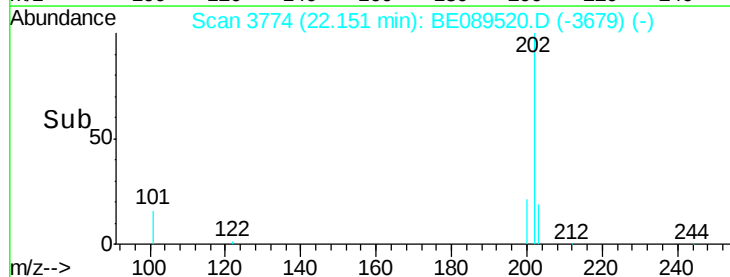
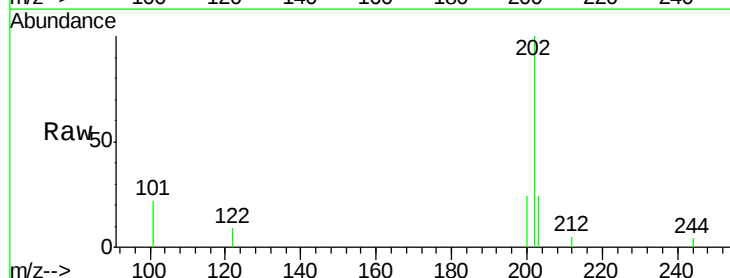
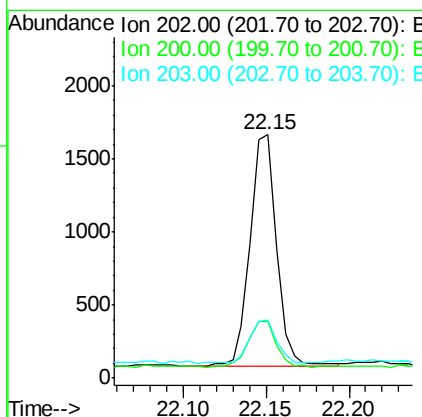
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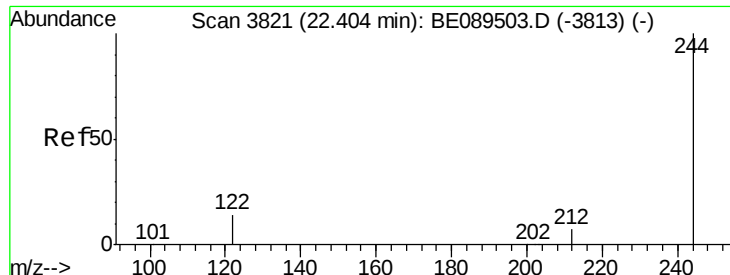
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#17
Pyrene
Concen: 0.05 ng
RT: 22.15 min Scan# 3774
Delta R.T. 0.00 min
Lab File: BE089520.D
Acq: 6 Feb 2015 3:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	20.4	14.0	21.0





#18

Terphenyl-d14

Concen: 7.74 ng

RT: 22.41 min Scan# 3822

Delta R.T. 0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

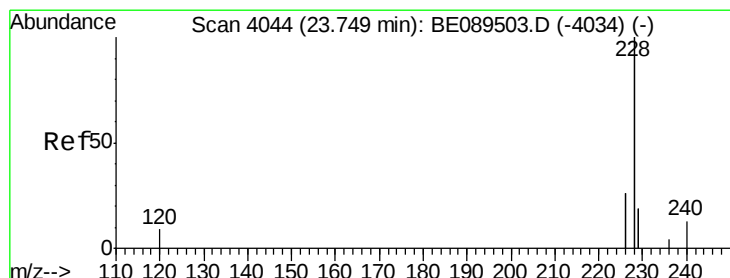
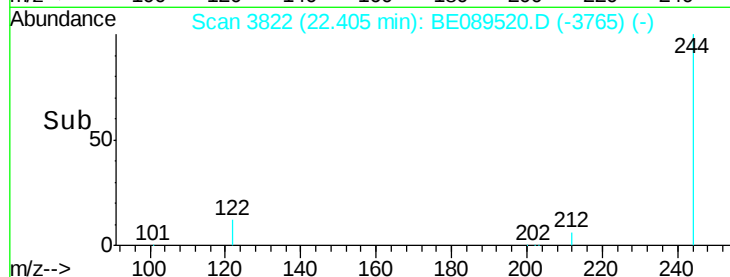
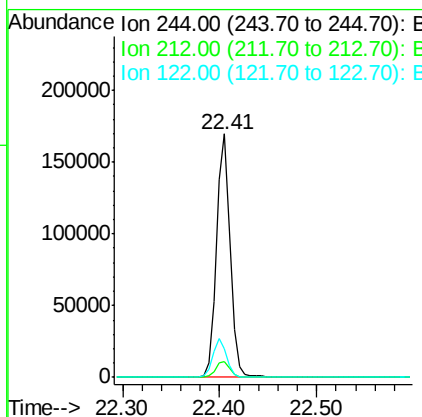
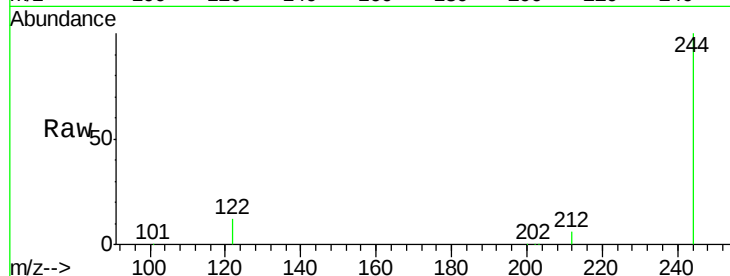
ClientSampleId :

YT-MW-11

Tot Ion:	244	Resp:	166278
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.5	8.3
122	12.0	11.1	16.7

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#19

Benzo(a)anthracene

Concen: 0.20 ng

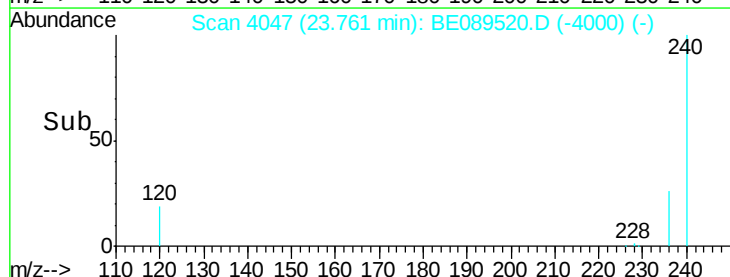
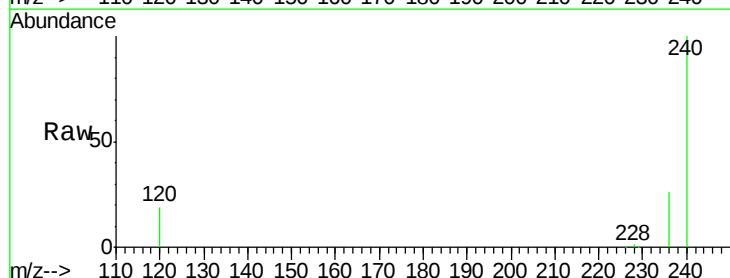
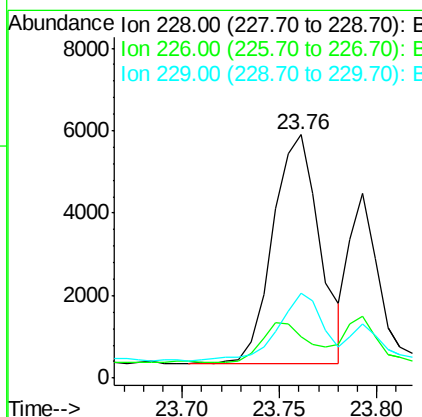
RT: 23.76 min Scan# 4047

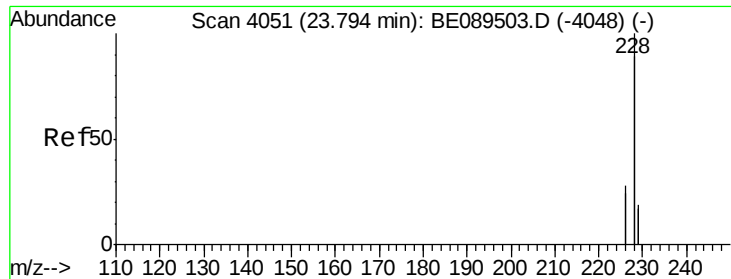
Delta R.T. 0.01 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	228	Resp:	9329
Ion Ratio	Lower	Upper	
228	100		
226	17.2	21.0	31.6#
229	34.7	15.5	23.3#





#20

Chrysene

Concen: 0.08 ng

RT: 23.79 min Scan# 4052

Delta R.T. -0.00 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Instrument :

BNA_E

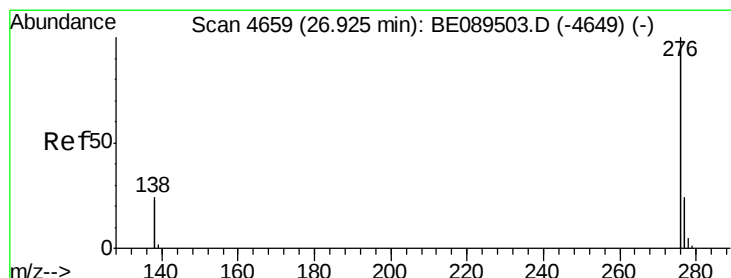
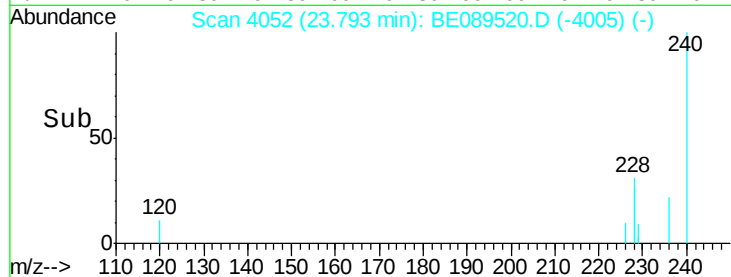
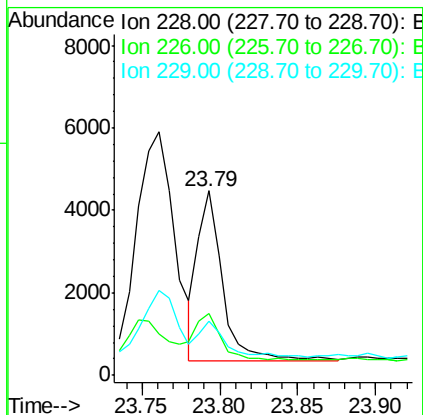
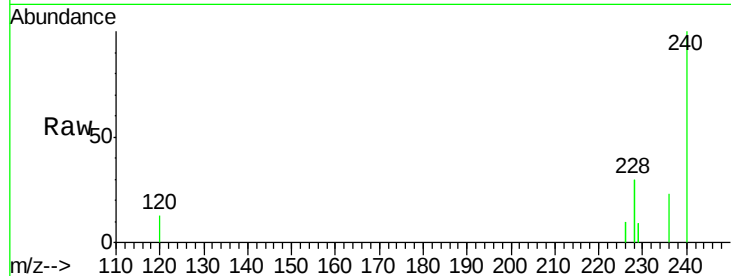
ClientSampled :

YT-MW-11

Tot Ion:	228	Resp:	4593
Ion Ratio	Lower	Upper	
228	100		
226	33.3	22.3	33.5
229	29.2	15.4	23.0

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#21

Indeno(1,2,3-cd)pyrene

Concen: 0.29 ng

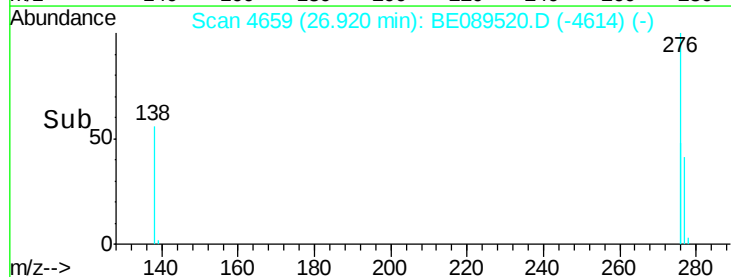
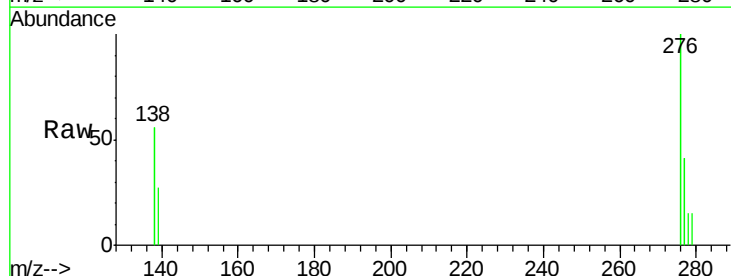
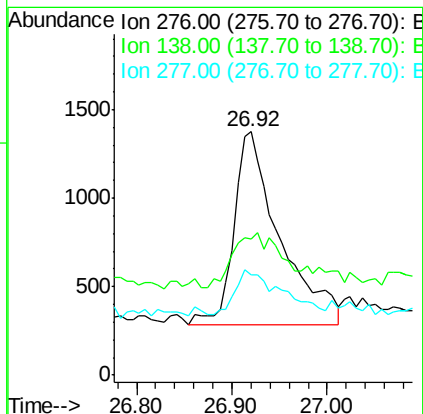
RT: 26.92 min Scan# 4659

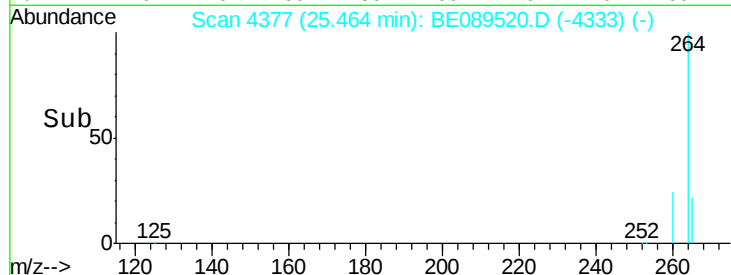
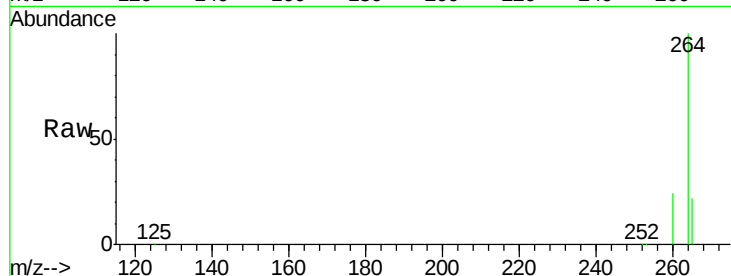
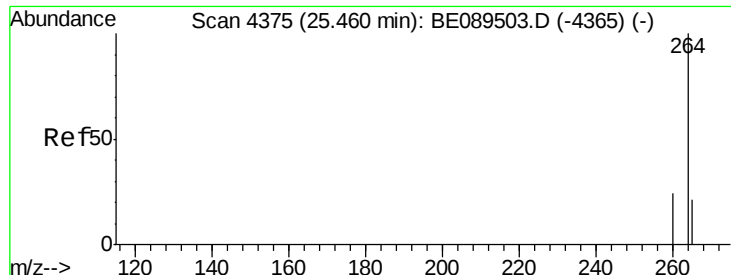
Delta R.T. -0.01 min

Lab File: BE089520.D

Acq: 6 Feb 2015 3:32

Tgt Ion:	276	Resp:	3651
Ion Ratio	Lower	Upper	
276	100		
138	29.7	23.2	34.8
277	23.0	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: BE089520.D
 Acq: 6 Feb 2015 3:32

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-11

Tot Ion:	264	Resp:	458148
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.0	28.6
265	21.7	17.0	25.6

Manual Integrations
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