

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
 Data File : BE089546.D
 Acq On : 7 Feb 2015 4:50
 Operator : TP/IZ
 Sample : G1243-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Manual Integrations
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 2/9/2015 11:55:02 AM

Quant Time: Feb 07 06:15:46 2015

Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Feb 07 04:07:57 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.42	152	33630	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	125805	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	48579	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	84583	5.00	ng	0.00
16) Chrysene-d12	23.72	240	95531	5.00	ng	0.00
22) Perylene-d12	25.41	264	108658	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	63179	7.56	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	103674	8.00	ng	0.00
18) Terphenyl-d14	22.36	244	114854	9.11	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.38	128	440	0.02	ng	# 63
5) 2-Methylnaphthalene	14.03	142	198	0.01	ng	# 84
10) Fluorene	17.84	166	153	0.01	ng	# 81
13) Phenanthrene	19.89	178	450m	0.02	ng	
14) Anthracene	19.98	178	237	0.01	ng	# 92
15) Fluoranthene	21.78	202	386	0.02	ng	# 89
17) Pyrene	22.10	202	380	0.02	ng	# 92
19) Benzo(a)anthracene	23.71	228	2871	0.03	ng	# 89
20) Chrysene	23.75	228	2586	0.03	ng	# 85

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

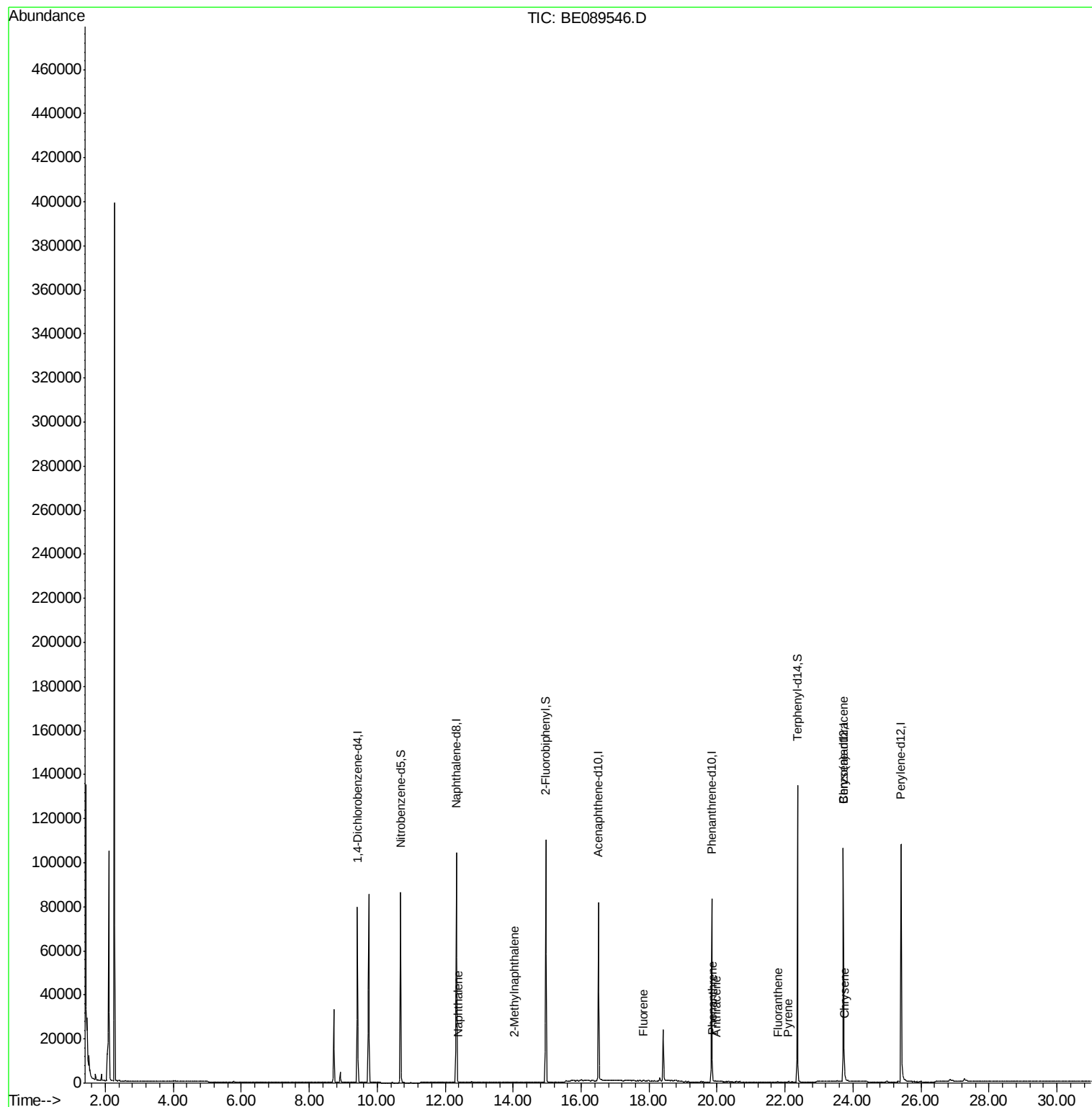
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089546.D
Acq On : 7 Feb 2015 4:50
Operator : TP/IZ
Sample : G1243-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

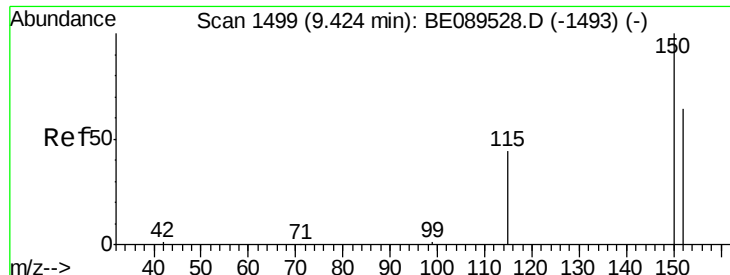
Instrument :
BNA_E
ClientSampleId :
MW-1

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Quant Time: Feb 07 06:15:46 2015
Quant Method : Z:\HPCHEM1\BNA_E\methods\SIMPAH-BE020615.M
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QLast Update : Sat Feb 07 04:07:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.42 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BE089546.D

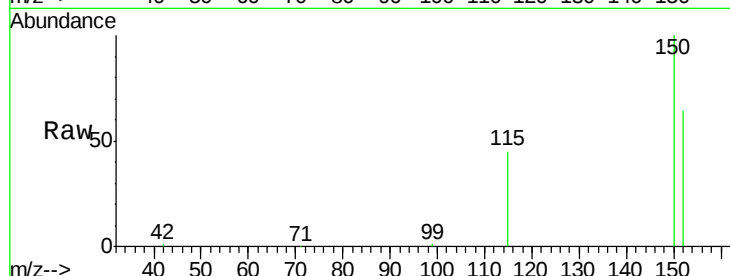
Acq: 7 Feb 2015 4:50

Instrument :

BNA_E

ClientSampled :

MW-1



Tgt Ion:152 Resp: 33630

Ion Ratio Lower Upper

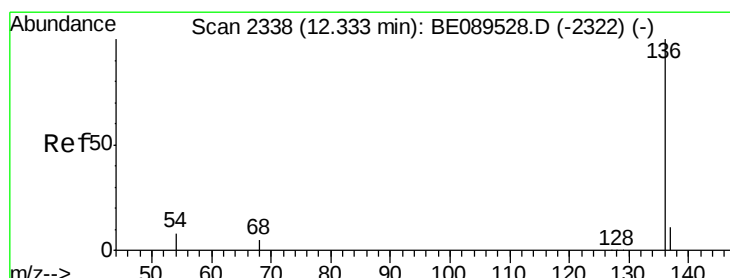
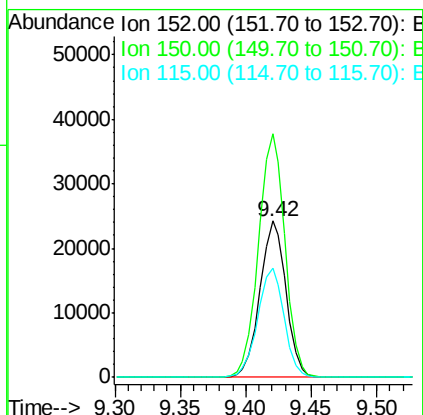
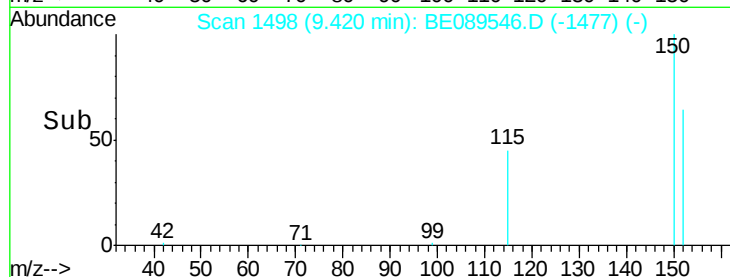
152 100

150 156.0 125.7 188.5

115 70.1 55.6 83.4

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#2

Naphthalene-d8

Concen: 5.00 ng

RT: 12.33 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BE089546.D

Acq: 7 Feb 2015 4:50

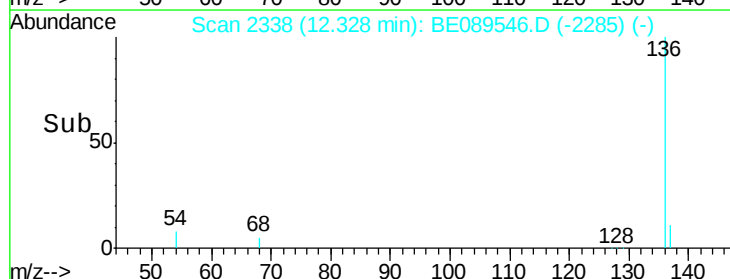
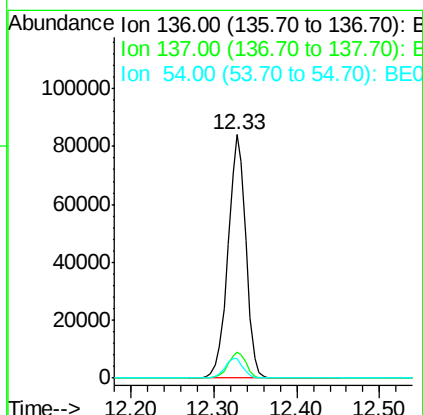
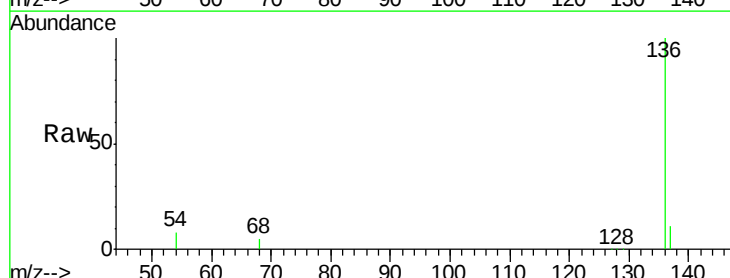
Tgt Ion:136 Resp: 125805

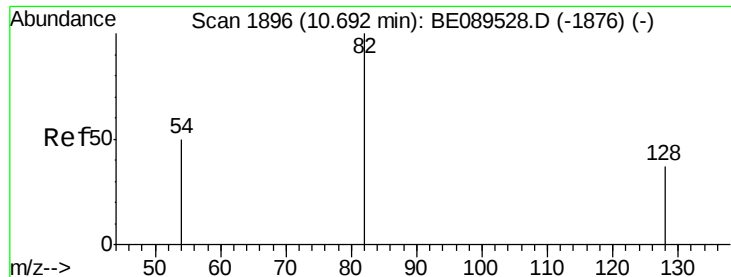
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.8 6.1 9.1





#3

Nitrobenzene-d5

Concen: 7.56 ng

RT: 10.69 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE089546.D

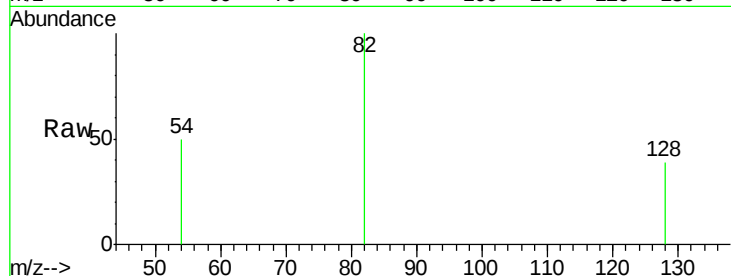
Acq: 7 Feb 2015 4:50

Instrument :

BNA_E

ClientSampleId :

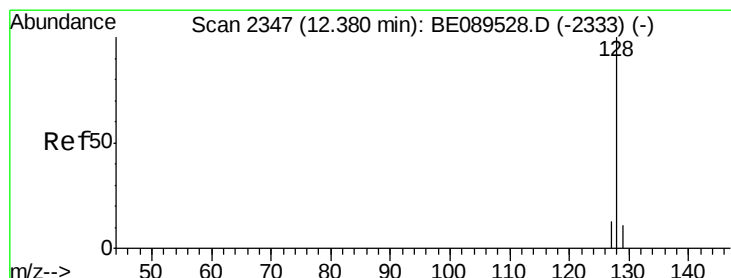
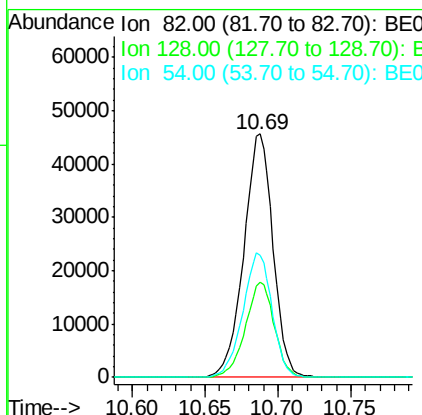
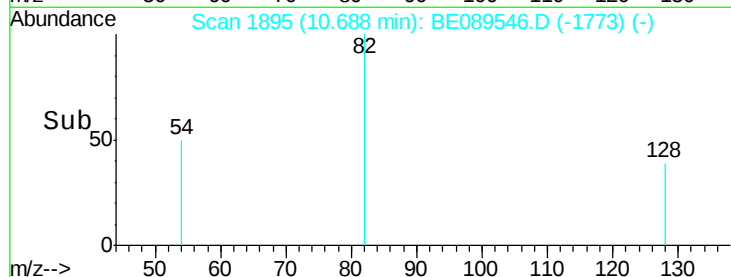
MW-1



Tgt Ion	82	Resp	63179
Ion Ratio	100	Lower	Upper
128	39.3	30.2	45.4
54	50.3	40.6	60.8

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#4

Naphthalene

Concen: 0.02 ng

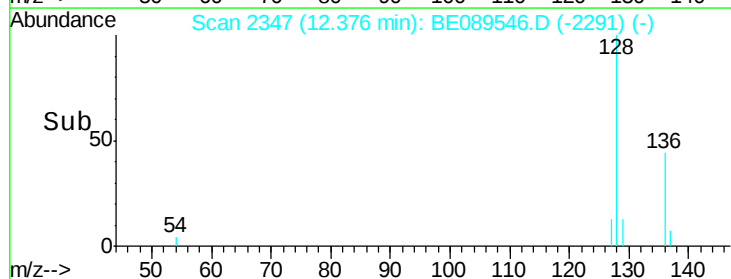
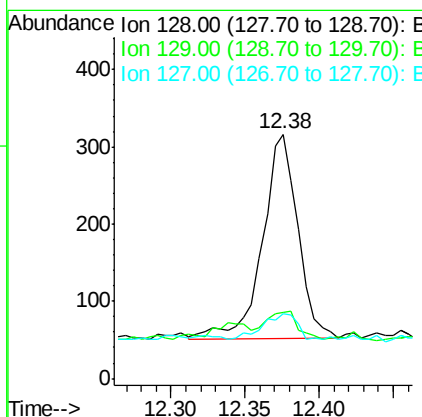
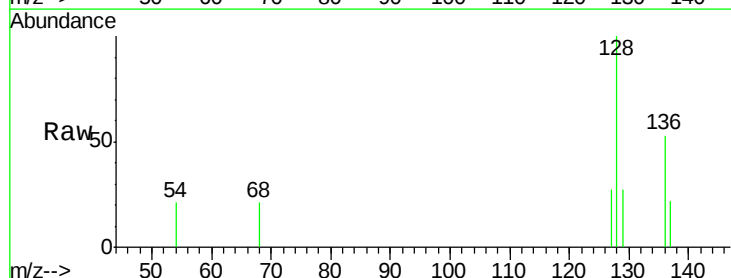
RT: 12.38 min Scan# 2347

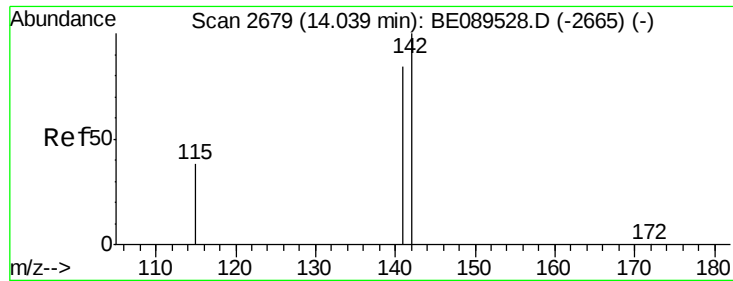
Delta R.T. -0.00 min

Lab File: BE089546.D

Acq: 7 Feb 2015 4:50

Tgt Ion	128	Resp	440
Ion Ratio	100	Lower	Upper
129	26.9	9.1	13.7#
127	26.6	10.5	15.7#





#5

2-Methylnaphthalene

Concen: 0.01 ng

RT: 14.03 min Scan# 2678

Delta R.T. -0.01 min

Lab File: BE089546.D

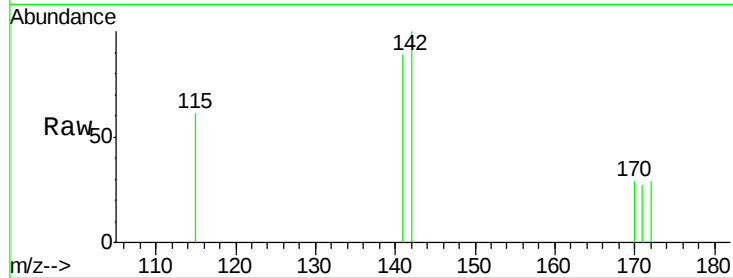
Acq: 7 Feb 2015 4:50

Instrument :

BNA_E

ClientSampleId :

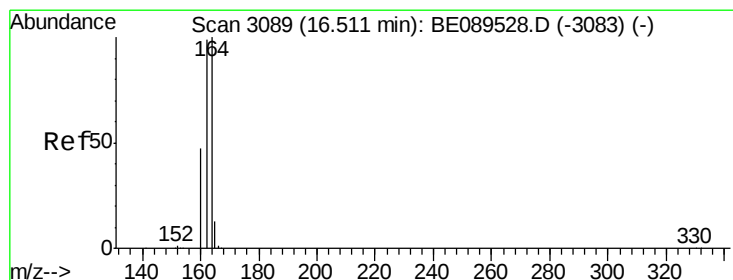
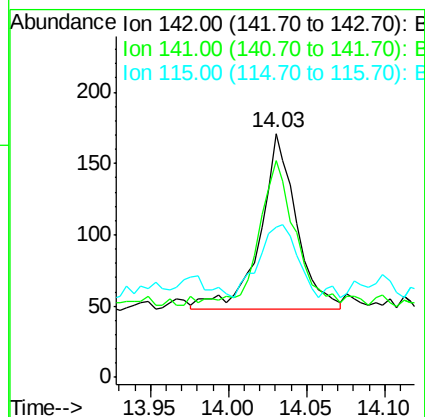
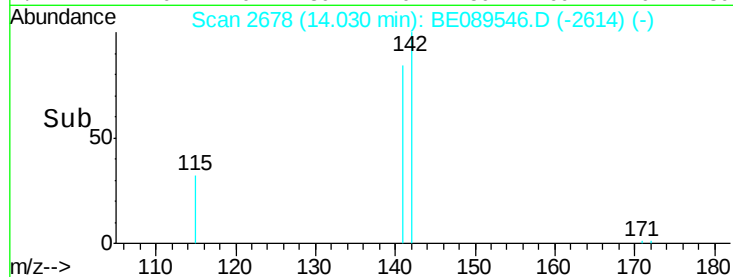
MW-1



Tgt Ion:	142	Resp:	198
Ion Ratio	Lower	Upper	
142	100		
141	88.9	67.0	100.6
115	61.4	30.6	45.8

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#6

Acenaphthene-d10

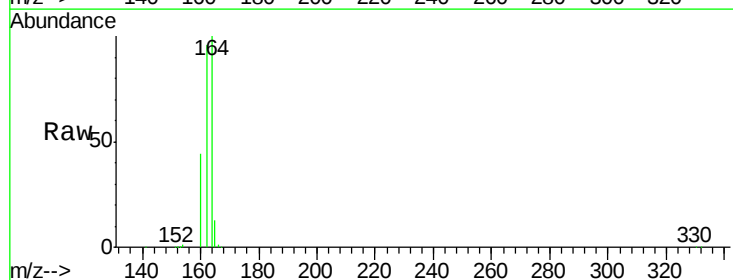
Concen: 5.00 ng

RT: 16.51 min Scan# 3090

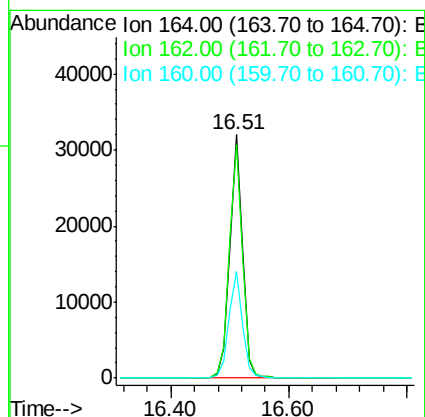
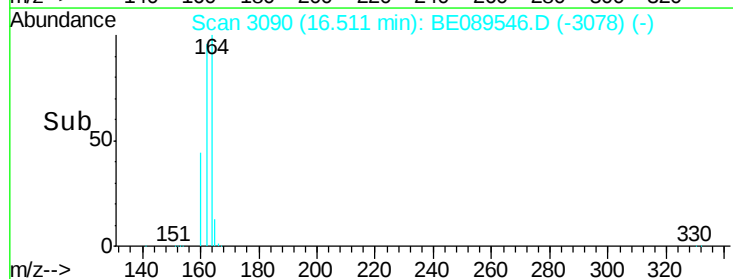
Delta R.T. 0.00 min

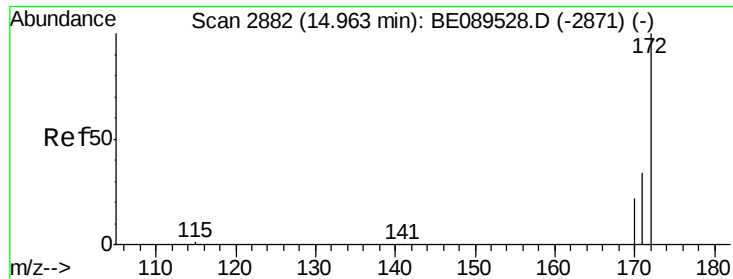
Lab File: BE089546.D

Acq: 7 Feb 2015 4:50



Tgt Ion:	164	Resp:	48579
Ion Ratio	Lower	Upper	
164	100		
162	95.6	79.5	119.3
160	43.8	37.6	56.4





#7

2-Fluorobiphenyl

Concen: 8.00 ng

RT: 14.96 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BE089546.D

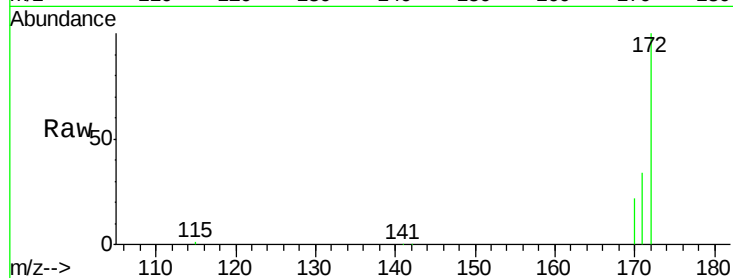
Acq: 7 Feb 2015 4:50

Instrument :

BNA_E

ClientSampleId :

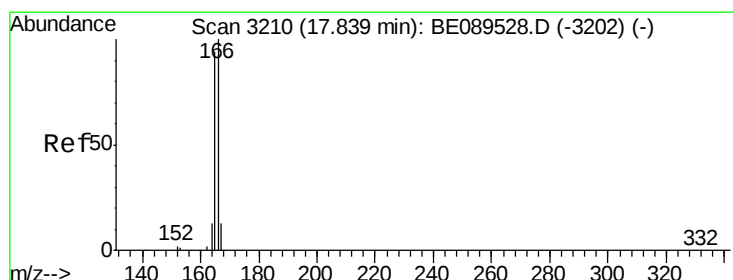
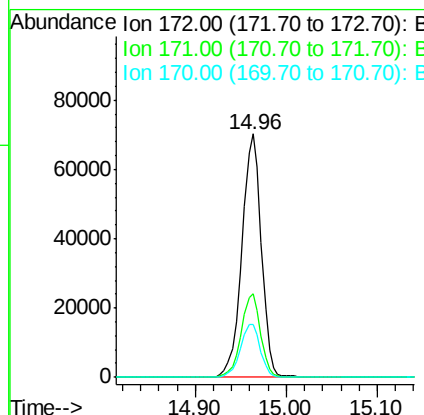
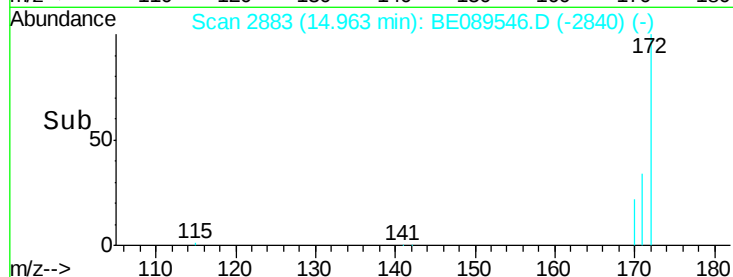
MW-1



Tgt Ion:	172	Resp:	103674
Ion Ratio	Lower	Upper	
172	100		
171	34.2	27.7	41.5
170	21.9	18.3	27.5

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#10

Fluorene

Concen: 0.01 ng

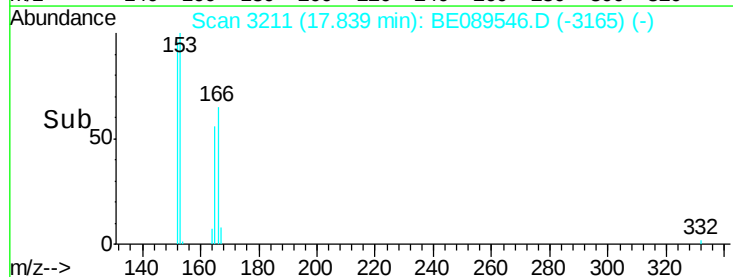
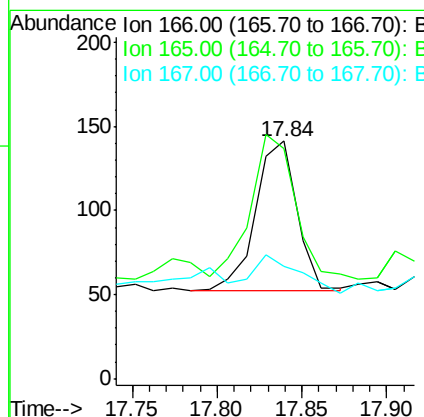
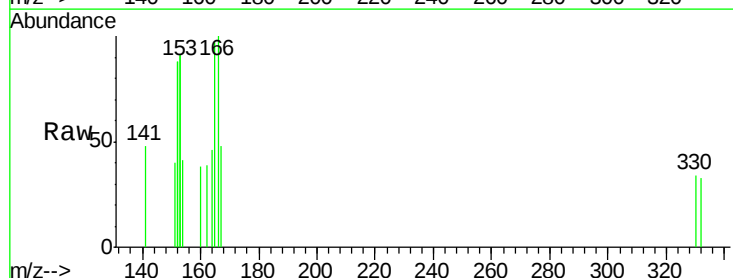
RT: 17.84 min Scan# 3211

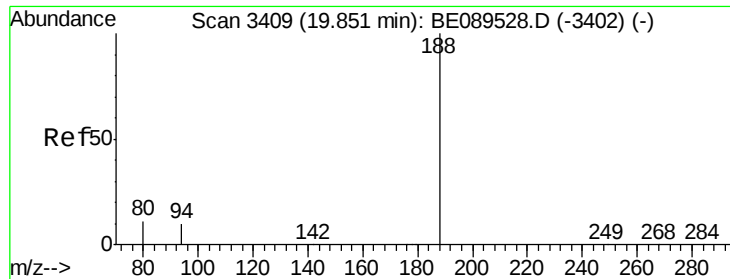
Delta R.T. 0.00 min

Lab File: BE089546.D

Acq: 7 Feb 2015 4:50

Tgt Ion:	166	Resp:	153
Ion Ratio	Lower	Upper	
166	100		
165	110.5	75.5	113.3
167	28.1	10.9	16.3#





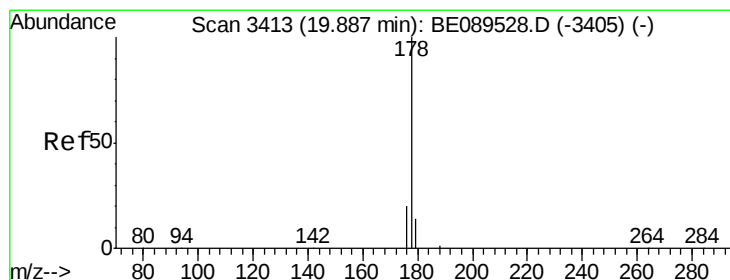
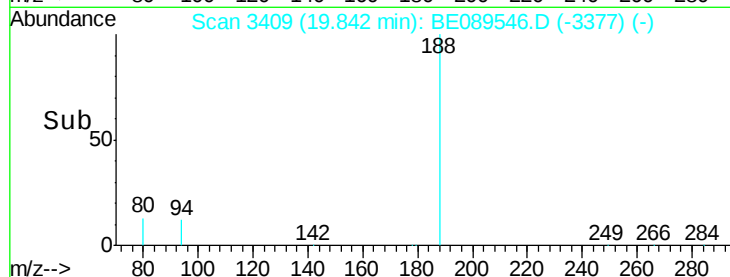
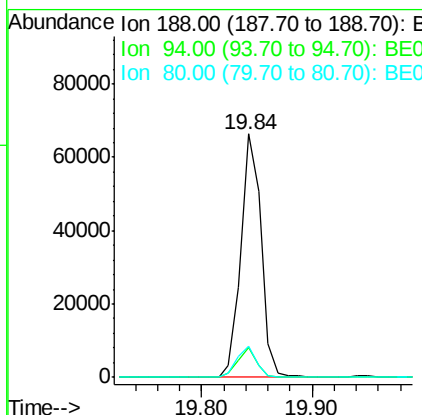
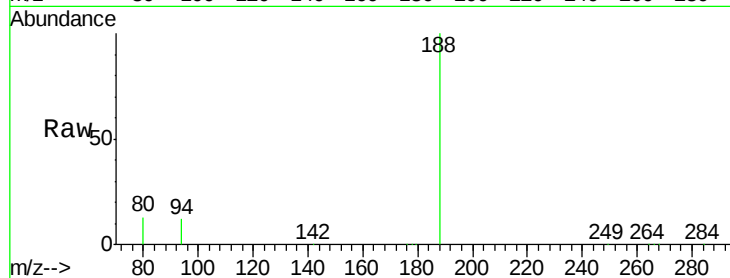
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.84 min Scan# 3409
Delta R.T. -0.01 min
Lab File: BE089546.D
Acq: 7 Feb 2015 4:50

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	8.4	12.6
80	12.7	8.6	12.8

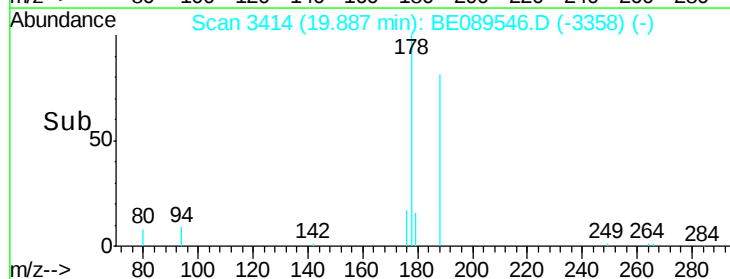
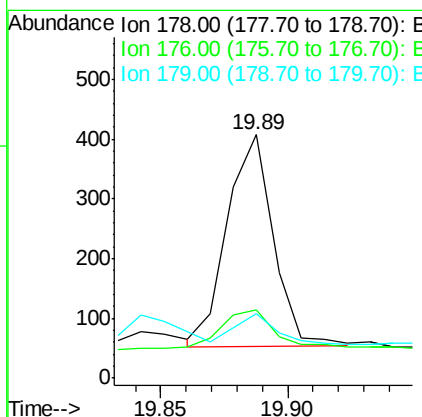
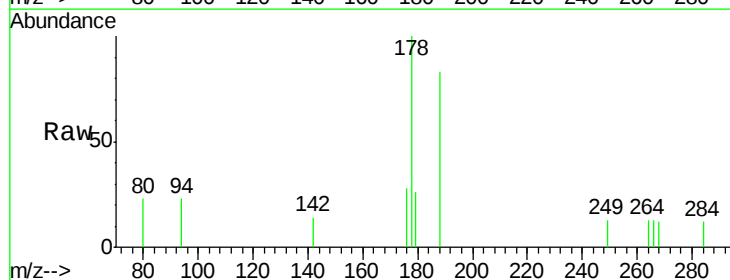
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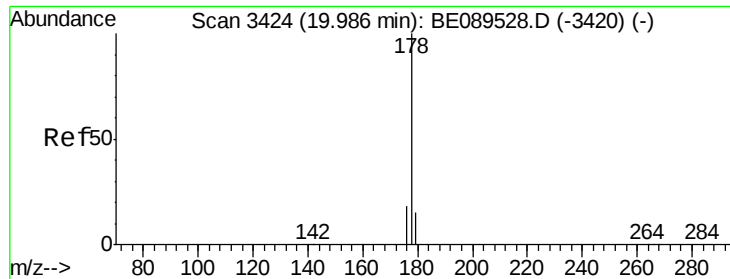
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#13
Phenanthrene
Concen: 0.02 ng m
RT: 19.89 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BE089546.D
Acq: 7 Feb 2015 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	12.0	15.4	23.0#
179	9.1	12.2	18.2#





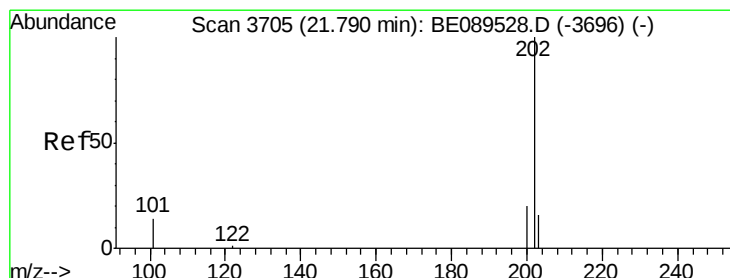
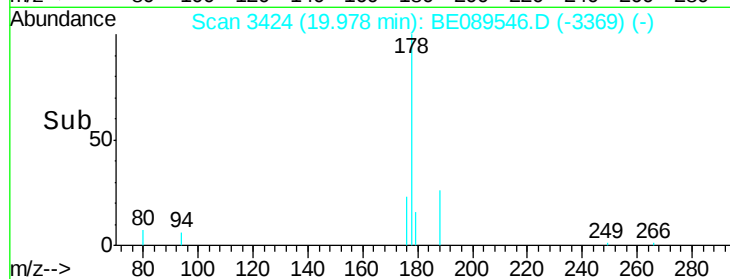
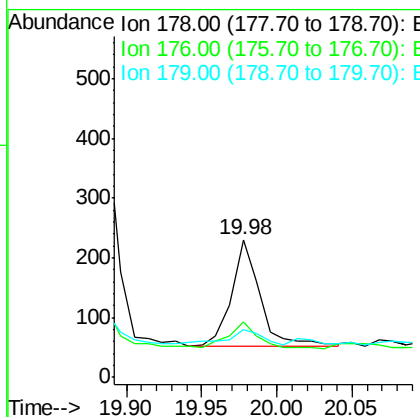
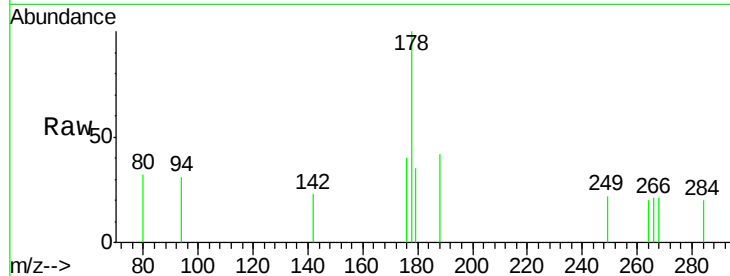
#14
 Anthracene
 Concen: 0.01 ng
 RT: 19.98 min Scan# 3424
 Delta R.T. -0.01 min
 Lab File: BE089546.D
 Acq: 7 Feb 2015 4:50

Instrument :
 BNA_E
 ClientSampled :
 MW-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	14.5	21.7#
179	17.3	12.2	18.2

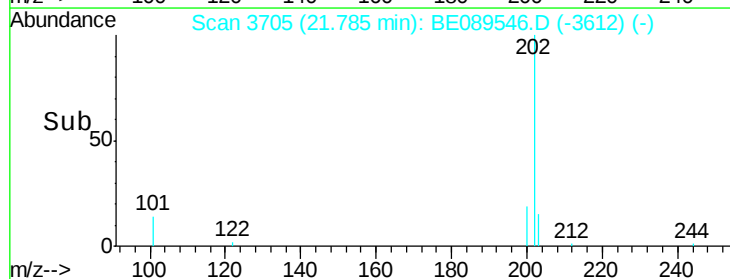
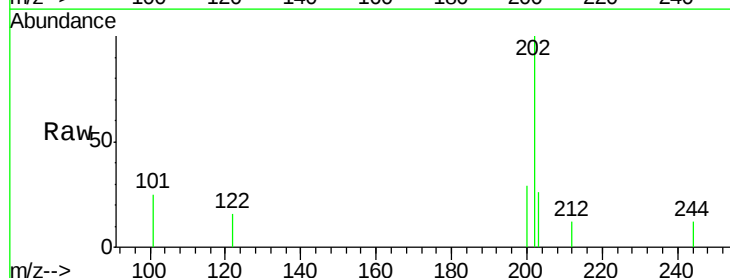
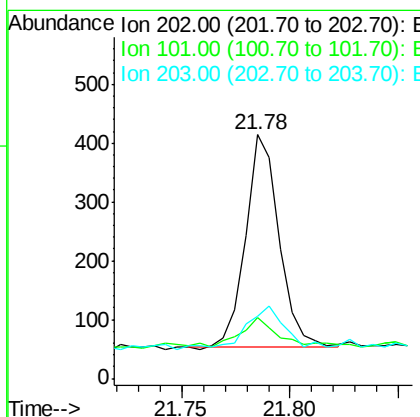
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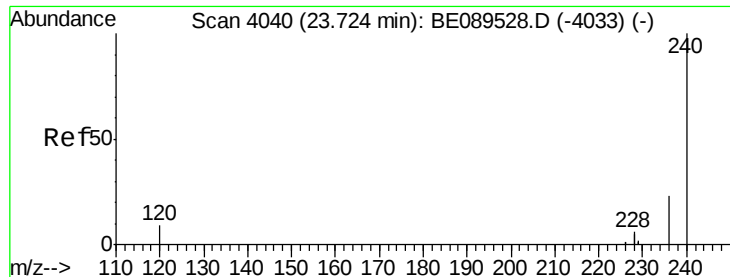
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#15
 Fluoranthene
 Concen: 0.02 ng
 RT: 21.78 min Scan# 3705
 Delta R.T. -0.00 min
 Lab File: BE089546.D
 Acq: 7 Feb 2015 4:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.6	17.4
203	25.1	13.6	20.4#





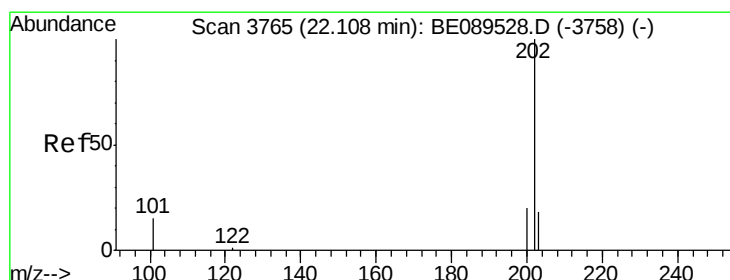
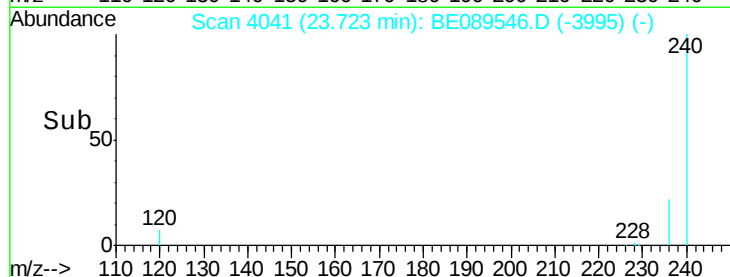
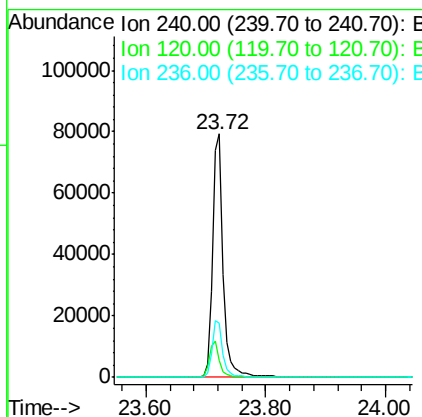
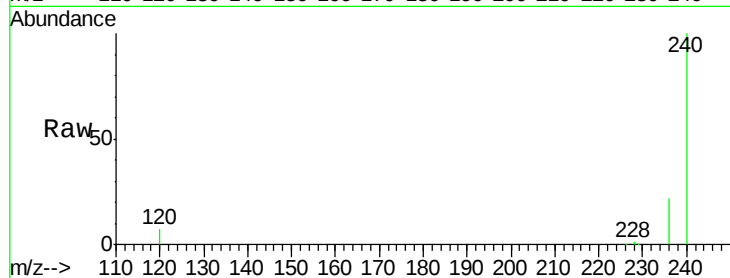
#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.72 min Scan# 4041
Delta R.T. -0.00 min
Lab File: BE089546.D
Acq: 7 Feb 2015 4:50

Instrument :
BNA_E
ClientSampleId :
MW-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	95531		
120	6.8	7.2	10.8#	
236	22.2	18.5	27.7	

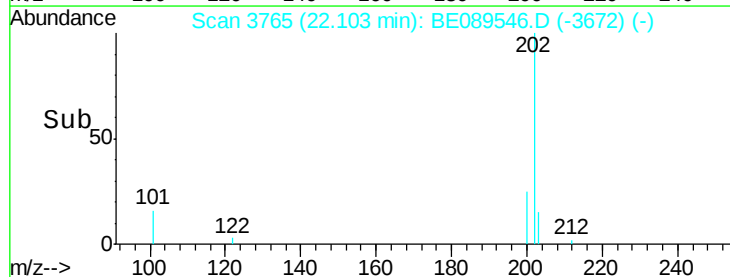
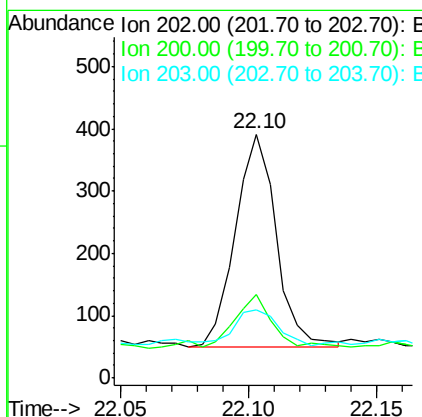
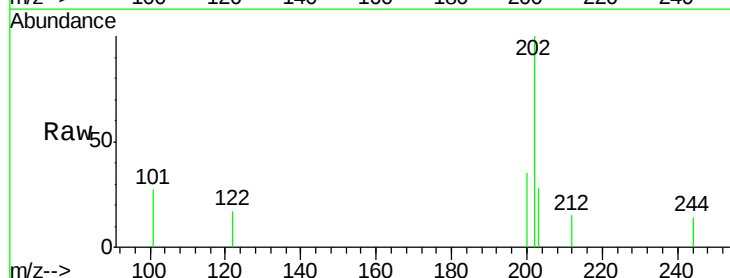
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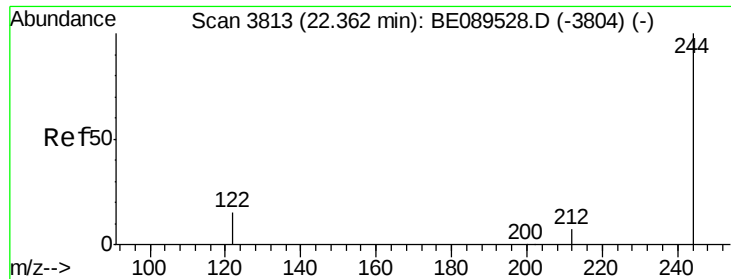
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#17
Pyrene
Concen: 0.02 ng
RT: 22.10 min Scan# 3765
Delta R.T. -0.00 min
Lab File: BE089546.D
Acq: 7 Feb 2015 4:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	380		
200	26.3	16.3	24.5#	
203	16.1	13.5	20.3	





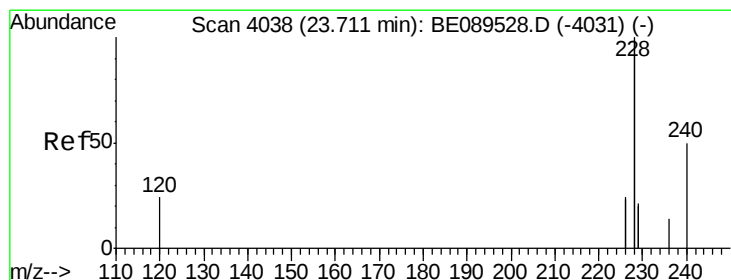
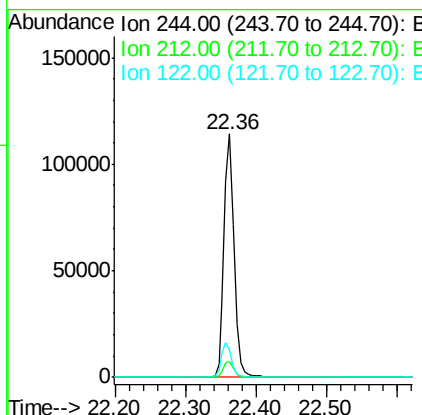
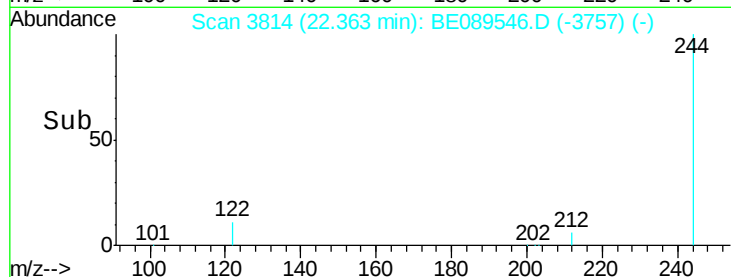
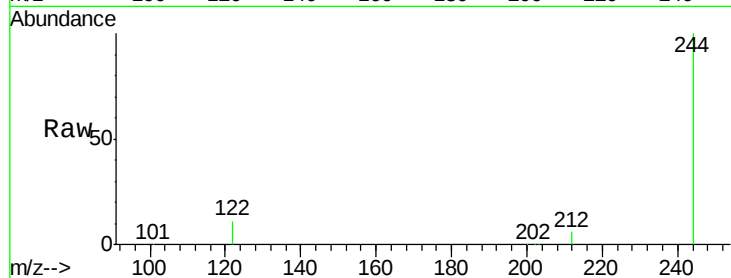
#18
 Terphenyl-d14
 Concen: 9.11 ng
 RT: 22.36 min Scan# 3814
 Delta R.T. 0.00 min
 Lab File: BE089546.D
 Acq: 7 Feb 2015 4:50

Instrument :
 BNA_E
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.8	8.8
122	11.2	12.6	19.0#

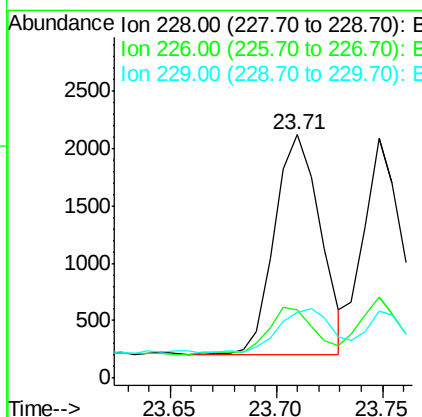
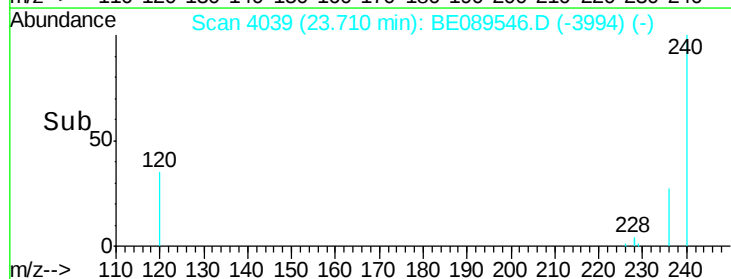
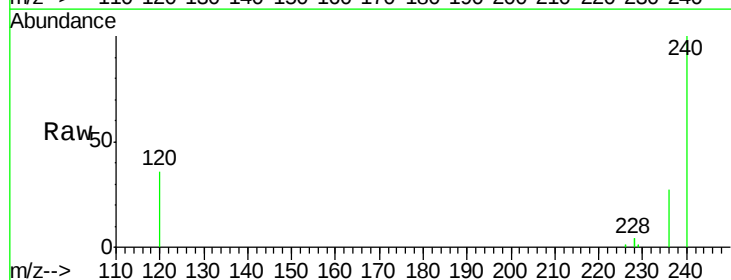
Manual Integrations
 APPROVED

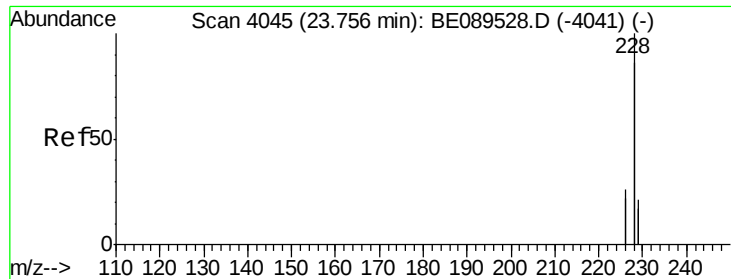
apatel
 2/9/2015 11:55:02 AM



#19
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 23.71 min Scan# 4039
 Delta R.T. -0.00 min
 Lab File: BE089546.D
 Acq: 7 Feb 2015 4:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.9	19.0	28.4
229	27.0	16.8	25.2#





#20

Chrysene

Concen: 0.03 ng

RT: 23.75 min Scan# 4045

Delta R.T. -0.01 min

Lab File: BE089546.D

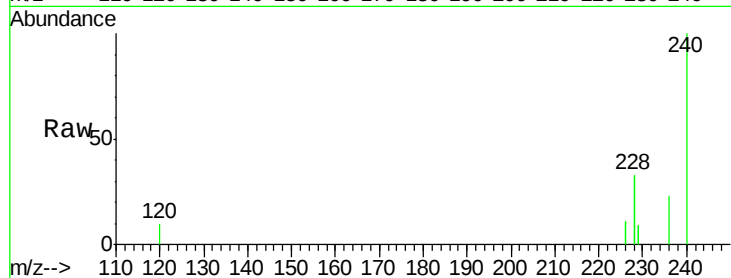
Acq: 7 Feb 2015 4:50

Instrument :

BNA_E

ClientSampleId :

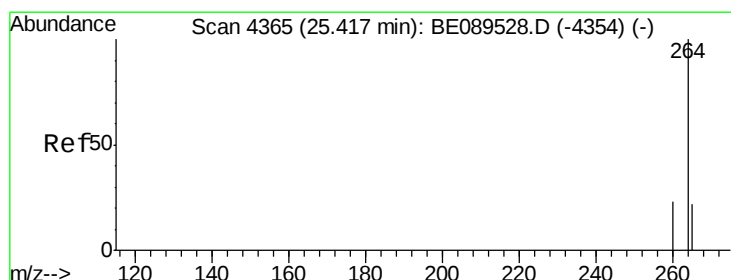
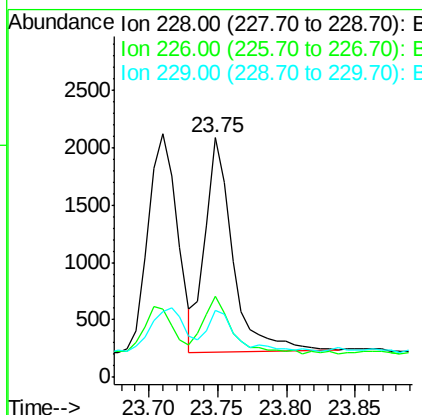
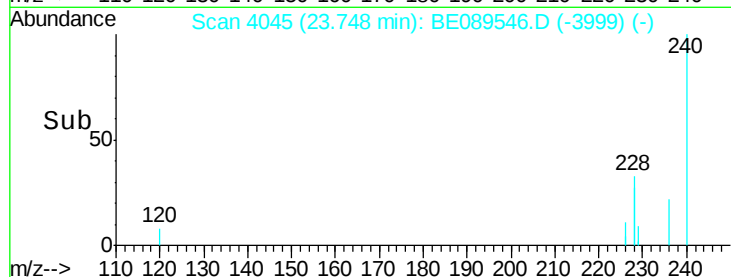
MW-1



Tgt Ion:	228	Resp:	2586
Ion Ratio	Lower	Upper	
228	100		
226	33.7	21.0	31.4#
229	27.9	16.7	25.1#

Manual Integrations
APPROVED

apatel
2/9/2015 11:55:02 AM



#22

Perylene-d12

Concen: 5.00 ng

RT: 25.41 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BE089546.D

Acq: 7 Feb 2015 4:50

Tgt Ion:	264	Resp:	108658
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	21.8	17.5	26.3

