

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
 Data File : BE089829.D
 Acq On : 25 Mar 2015 2:54
 Operator : TP/JJ
 Sample : G1575-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RW-11V

Manual Integrations
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Quant Time: Mar 25 17:02:55 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 18:03:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	254724	5.00	ng	0.00
4) Naphthalene-d8	10.26	136	1035037	5.00	ng	0.00
8) Acenaphthene-d10	14.40	164	451495	5.00	ng	0.01
13) Phenanthrene-d10	17.92	188	759636	5.00	ng	0.00
19) Chrysene-d12	24.26	240	700193	5.00	ng	0.00
25) Perylene-d12	27.42	264	654485	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.68	82	280256	3.86	ng	0.00
9) 2-Fluorobiphenyl	12.85	172	404445	3.83	ng	0.00
21) Terphenyl-d14	21.86	244	390844	3.78	ng	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	11.93	142	3027	0.03	ng	# 72
14) Hexachlorobenzene	16.98	284	1095	0.04	ng	# 87
16) Phenanthrene	17.97	178	8900	0.05	ng	97
18) Fluoranthene	20.82	202	18451	0.12	ng	98
20) Pyrene	21.34	202	14927	0.08	ng	# 90
22) Benzo(a)anthracene	24.25	228	6394	0.05	ng	# 85
23) Chrysene	24.32	228	10166m	0.07	ng	

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

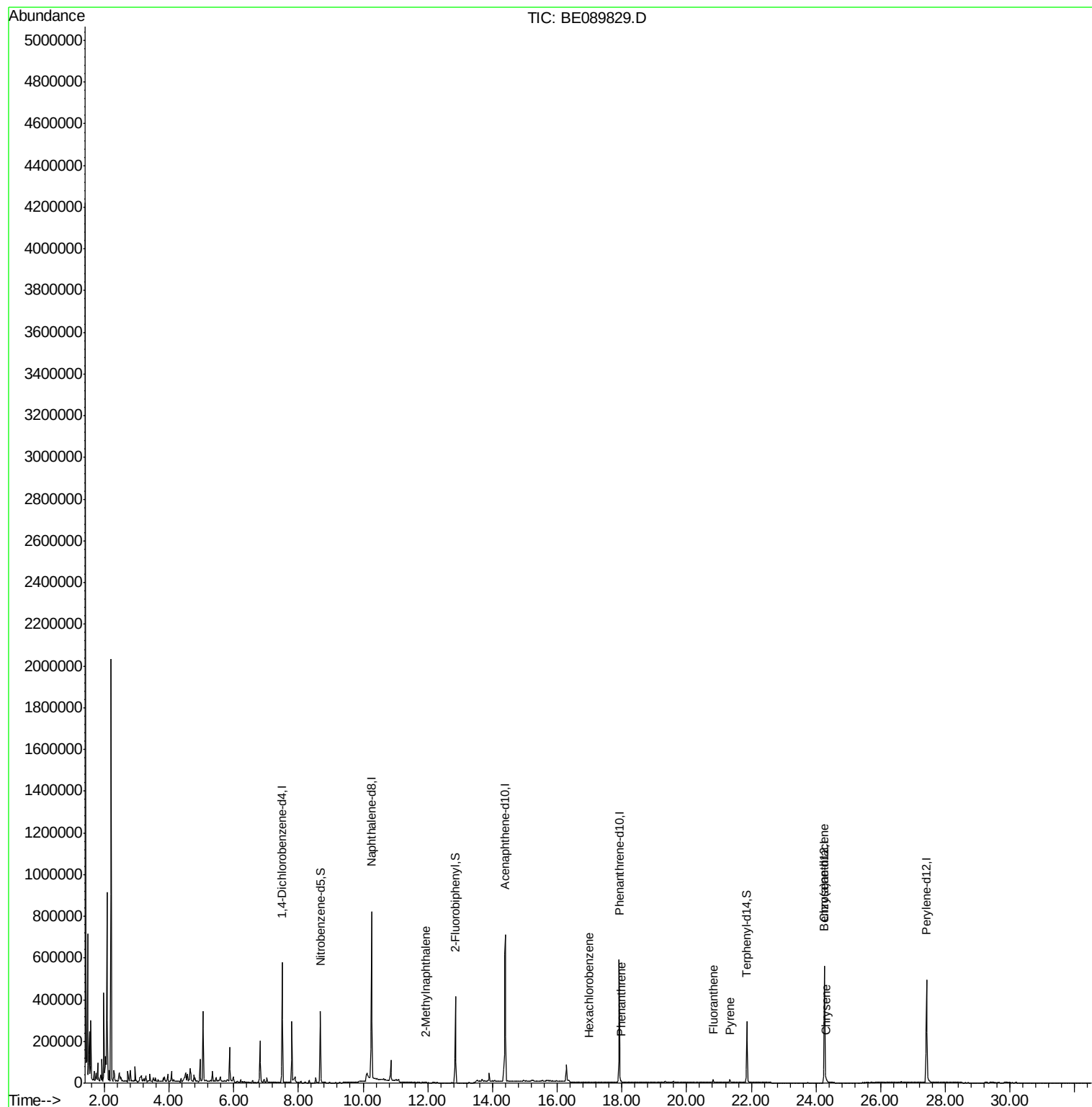
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089829.D
Acq On : 25 Mar 2015 2:54
Operator : TP/JJ
Sample : G1575-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

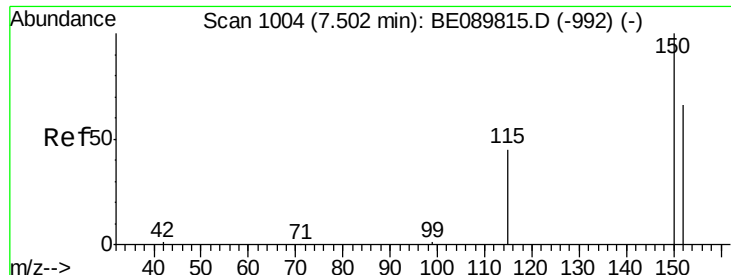
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.50 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE089829.D

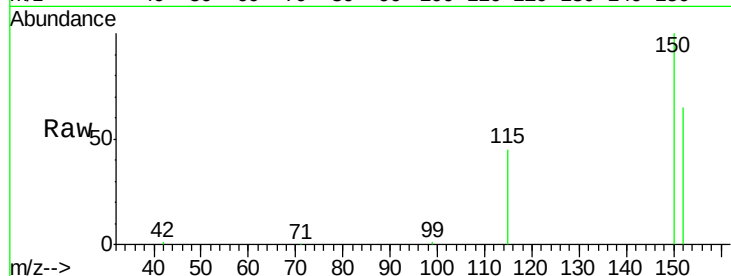
Acq: 25 Mar 2015 2:54

Instrument :

BNA_E

ClientSampleId :

RW-11V



Tgt Ion:152 Resp: 254724

Ion Ratio Lower Upper

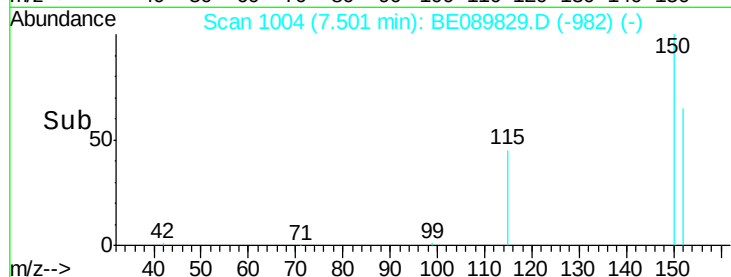
152 100

150 154.2 125.5 188.3

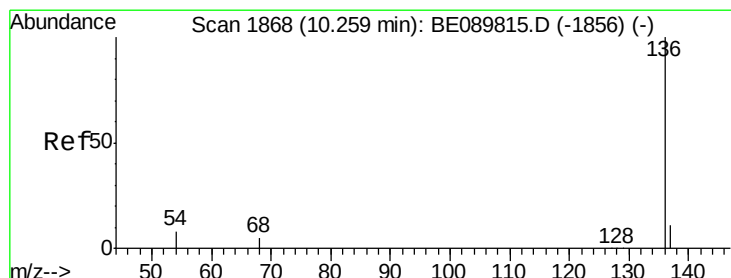
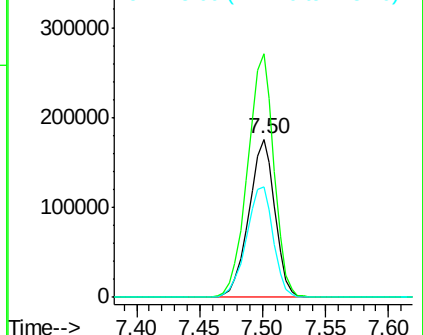
115 69.8 58.0 87.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#4

Naphthalene-d8

Concen: 5.00 ng

RT: 10.26 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BE089829.D

Acq: 25 Mar 2015 2:54

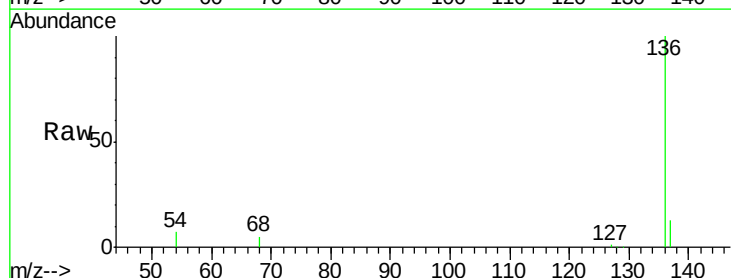
Tgt Ion:136 Resp: 1035037

Ion Ratio Lower Upper

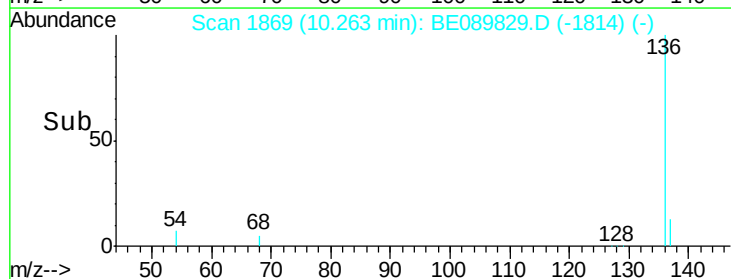
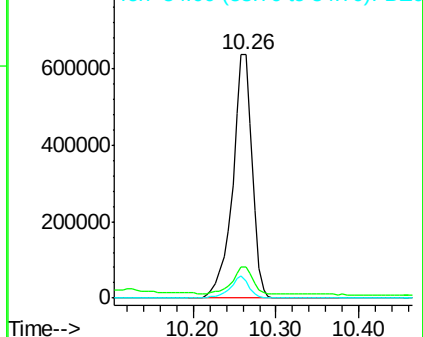
136 100

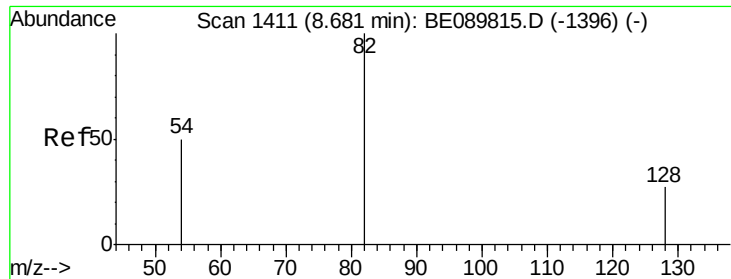
137 13.0 8.8 13.2

54 7.1 7.0 10.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0





#5

Nitrobenzene-d5

Concen: 3.86 ng

RT: 8.68 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BE089829.D

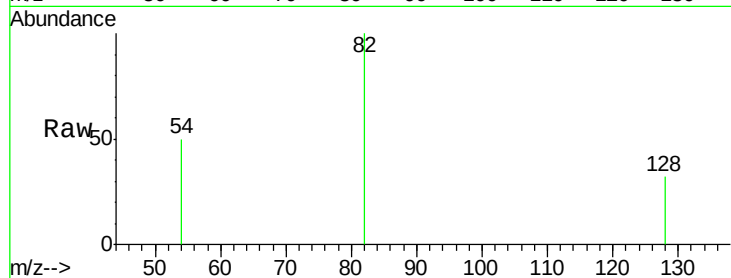
Acq: 25 Mar 2015 2:54

Instrument :

BNA_E

ClientSampleId :

RW-11V



Tgt Ion: 82 Resp: 280256

Ion Ratio Lower Upper

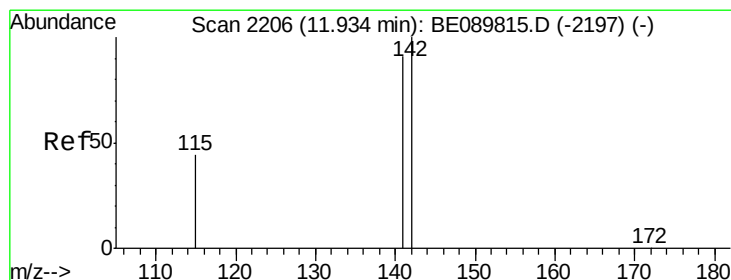
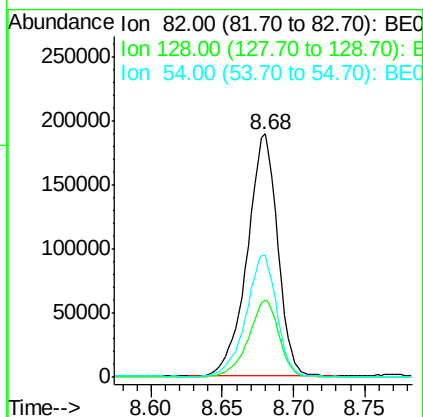
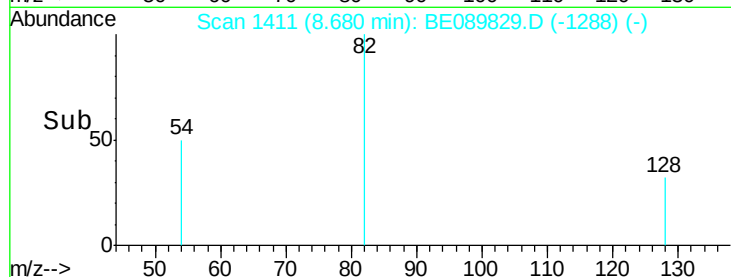
82 100

128 31.9 24.6 37.0

54 50.3 43.0 64.6

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#7

2-Methylnaphthalene

Concen: 0.03 ng

RT: 11.93 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE089829.D

Acq: 25 Mar 2015 2:54

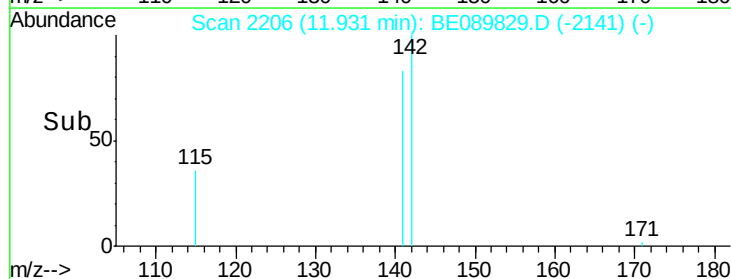
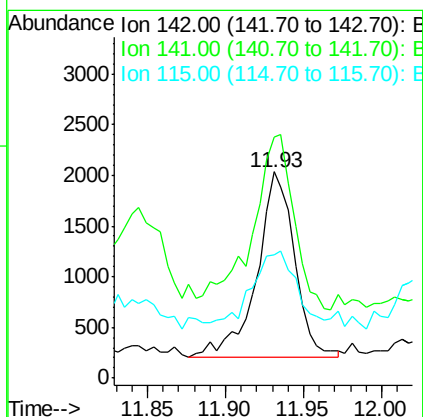
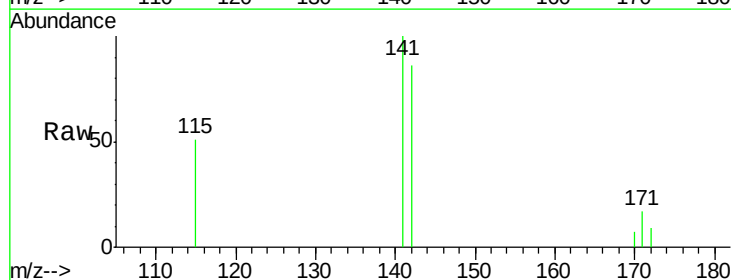
Tgt Ion: 142 Resp: 3027

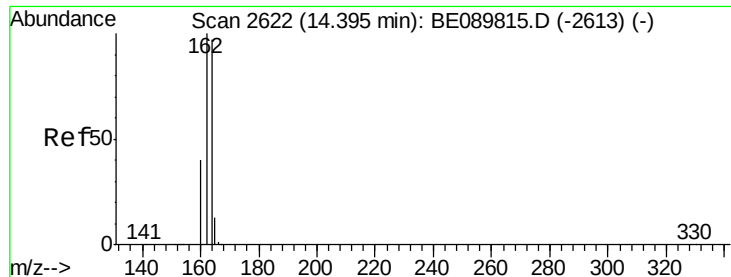
Ion Ratio Lower Upper

142 100

141 116.7 72.8 109.2#

115 60.0 32.9 49.3#





#8

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BE089829.D

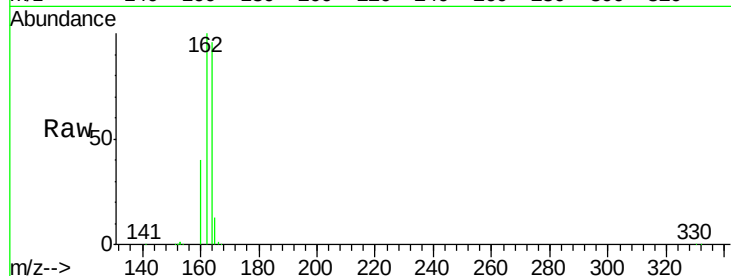
Acq: 25 Mar 2015 2:54

Instrument :

BNA_E

ClientSampleId :

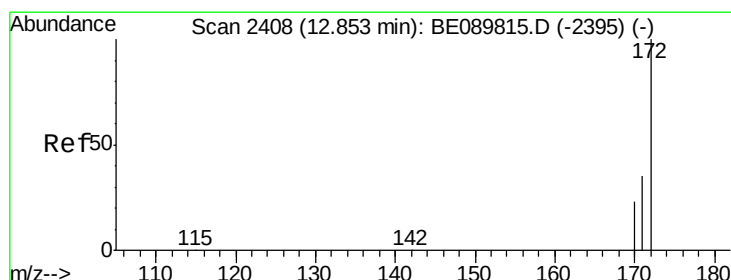
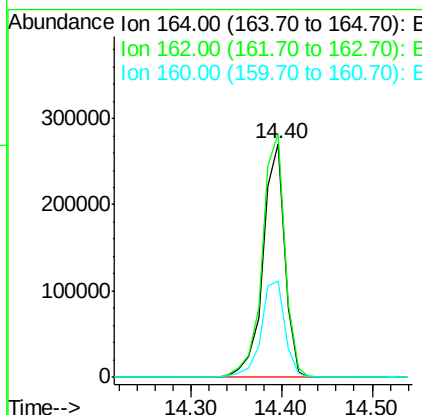
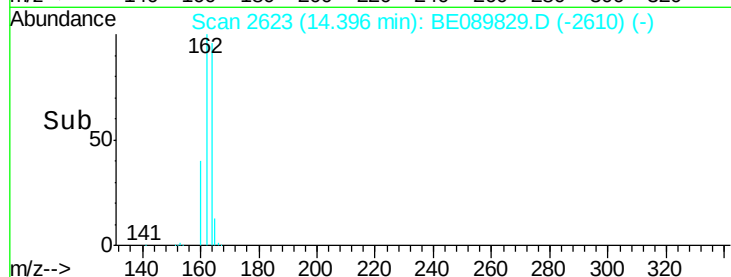
RW-11V



Tgt Ion:	164	Resp:	451495
Ion Ratio	Lower	Upper	
164	100		
162	104.1	87.6	131.4
160	41.5	36.7	55.1

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#9

2-Fluorobiphenyl

Concen: 3.83 ng

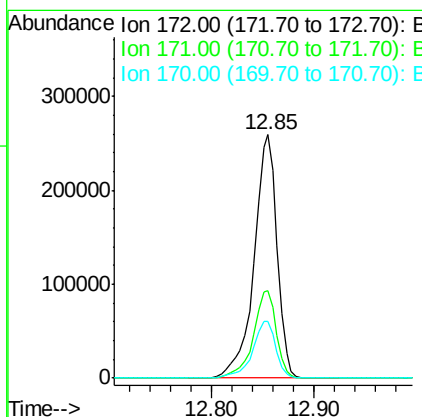
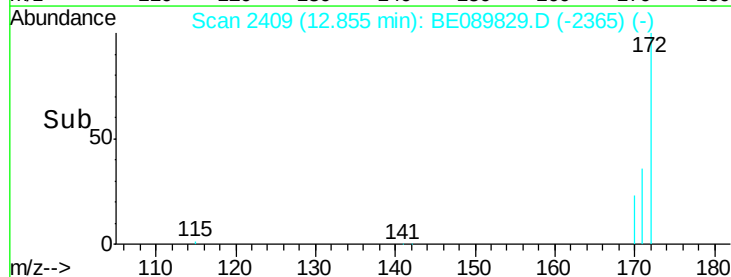
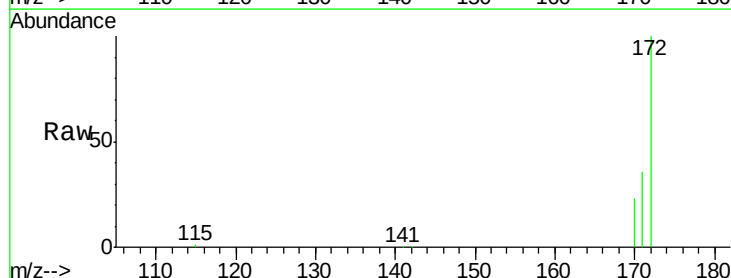
RT: 12.85 min Scan# 2409

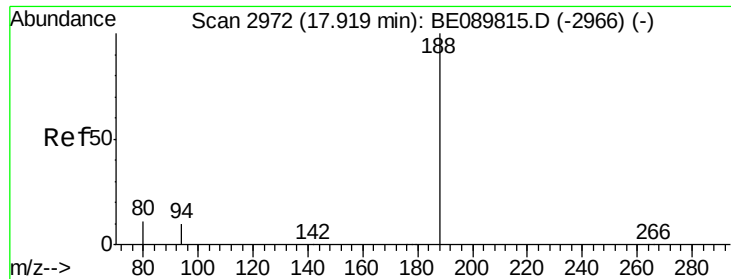
Delta R.T. 0.00 min

Lab File: BE089829.D

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Tgt Ion:	172	Resp:	404445
Ion Ratio	Lower	Upper	
172	100		
171	36.0	30.8	46.2
170	23.1	21.0	31.4





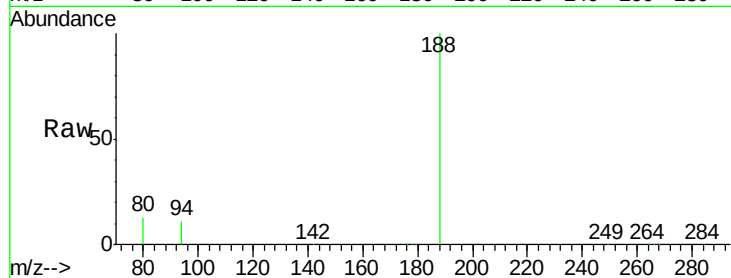
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.92 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Instrument :
BNA_E
ClientSampleId :
RW-11V

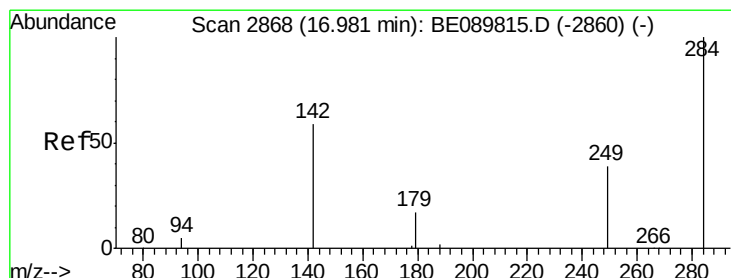
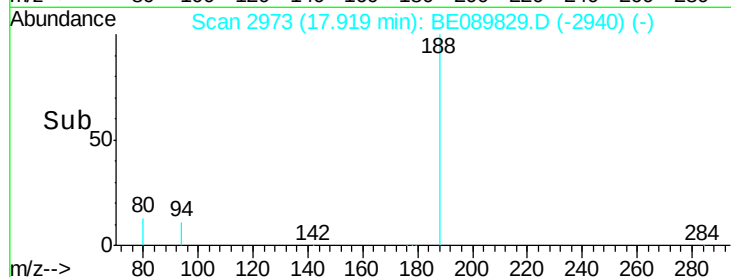
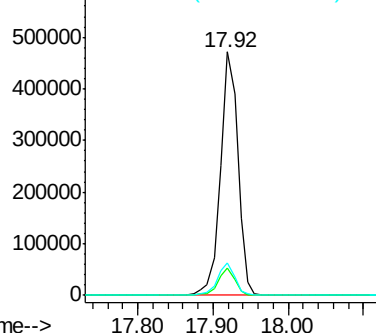
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	8.5	12.7
80	13.3	10.0	15.0

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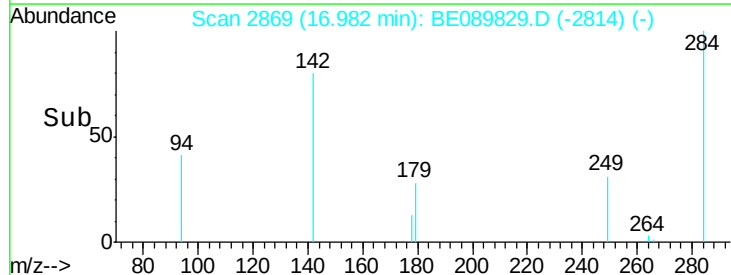
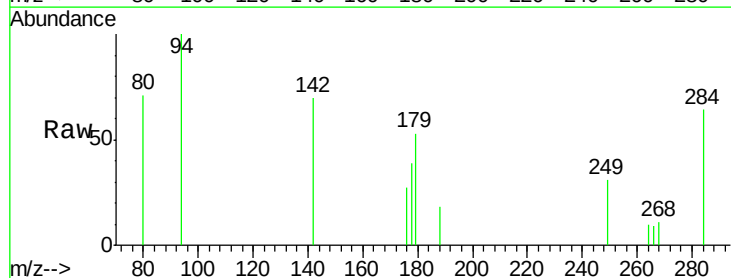
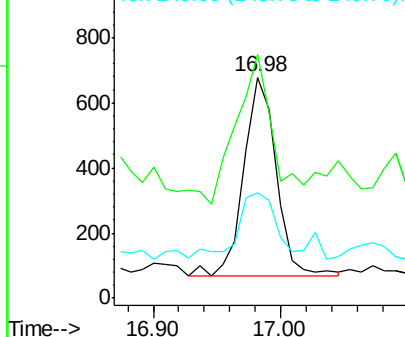
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

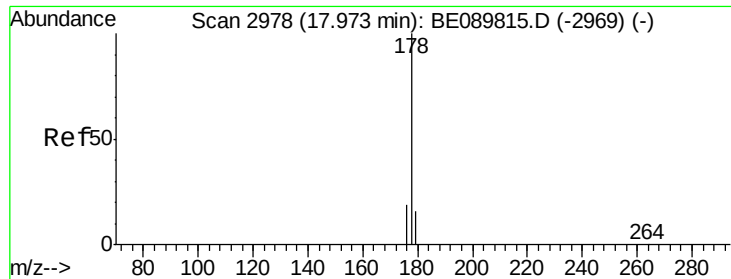


#14
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.98 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	82.4	53.3	79.9#
249	37.8	31.1	46.7

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





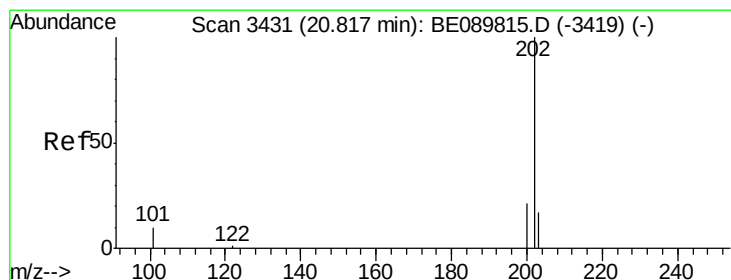
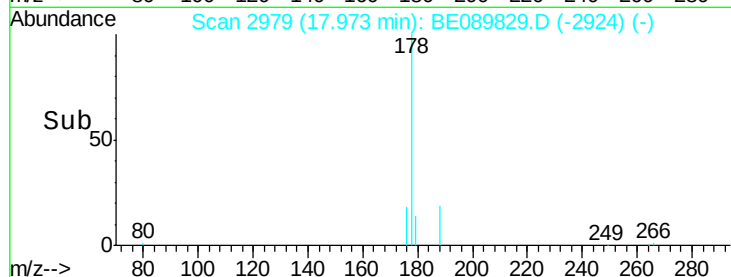
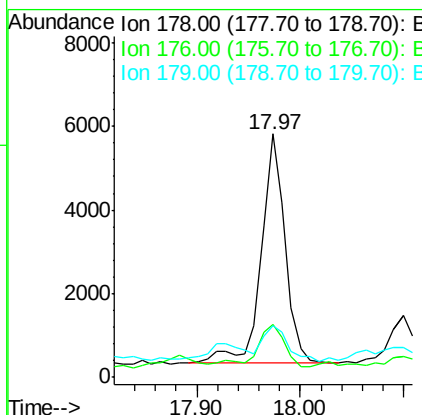
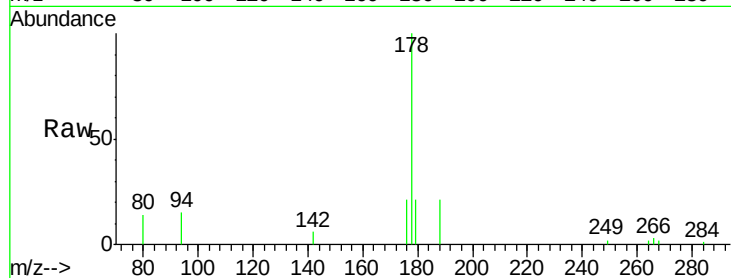
#16
Phenanthrene
Concen: 0.05 ng
RT: 17.97 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Instrument :
BNA_E
ClientSampleId :
RW-11V

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.4	23.0
179	15.9	12.2	18.4

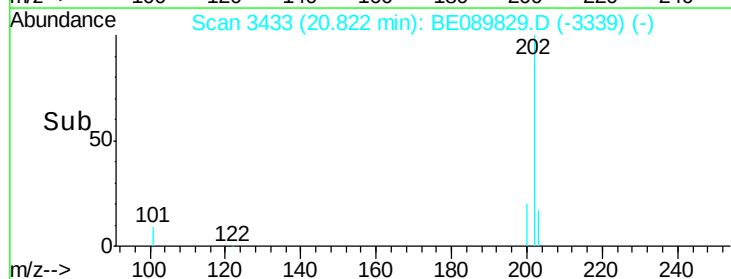
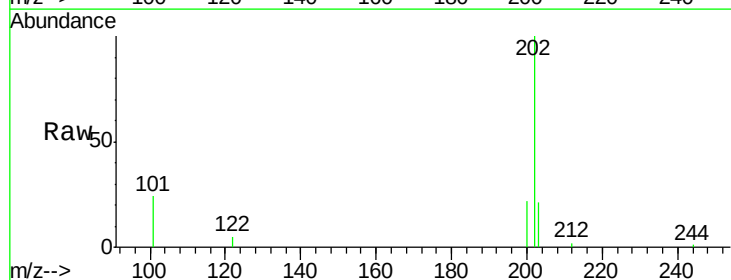
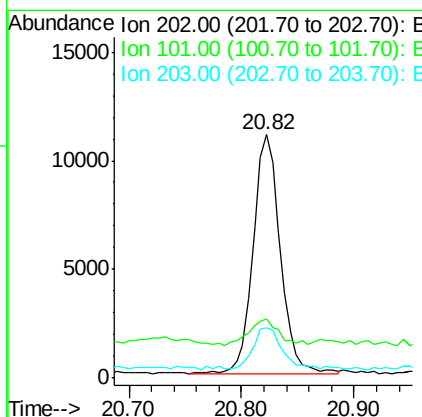
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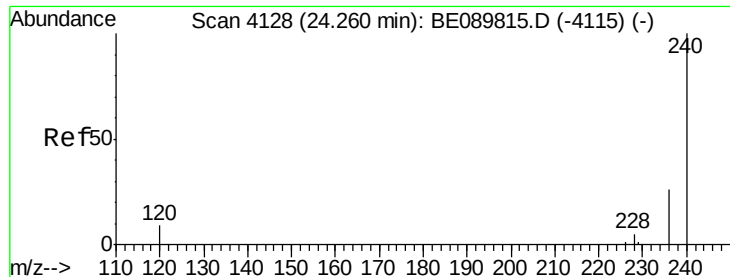
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#18
Fluoranthene
Concen: 0.12 ng
RT: 20.82 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.2	12.2
203	18.2	14.2	21.4





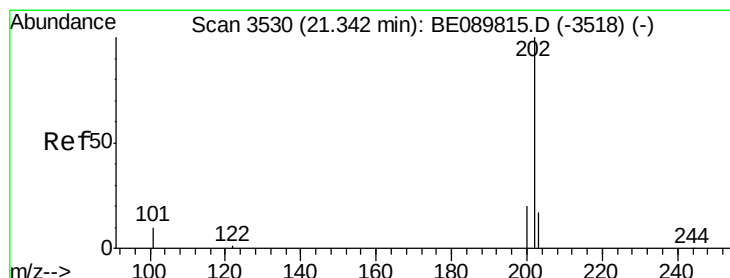
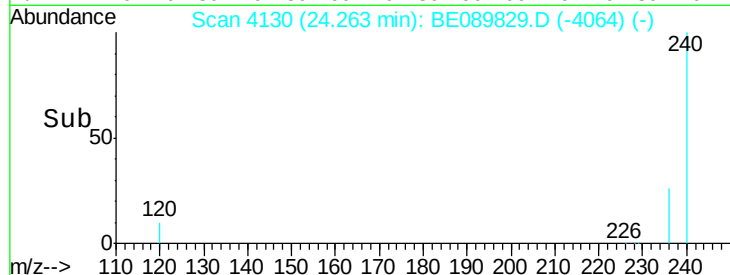
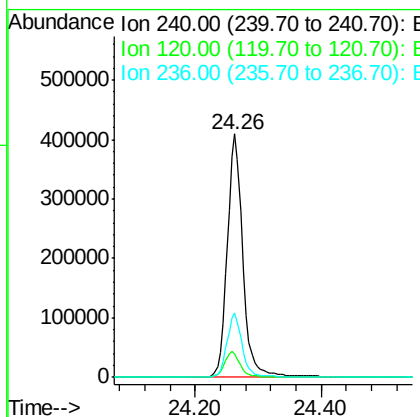
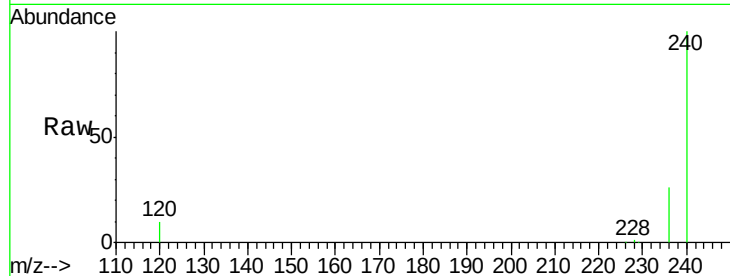
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Instrument :
BNA_E
ClientSampleID :
RW-11V

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	700193		
120	9.8	7.5	11.3	
236	26.4	20.5	30.7	

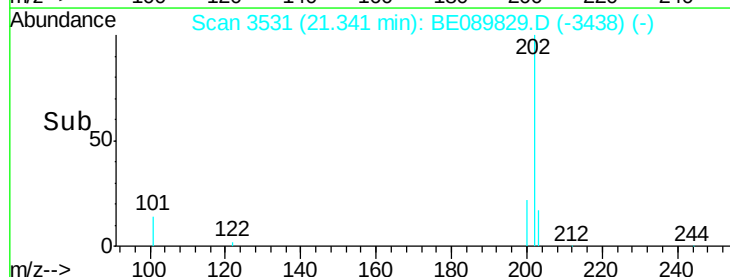
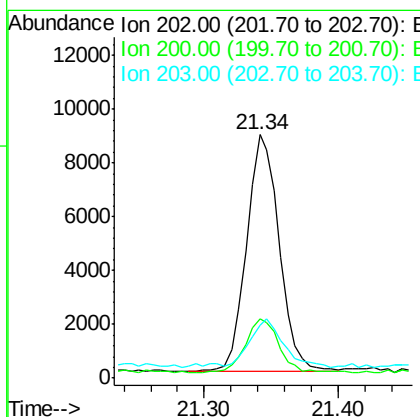
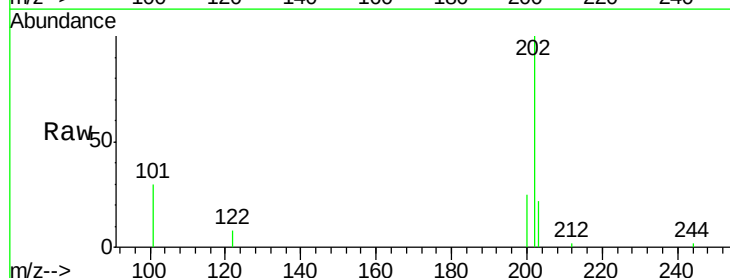
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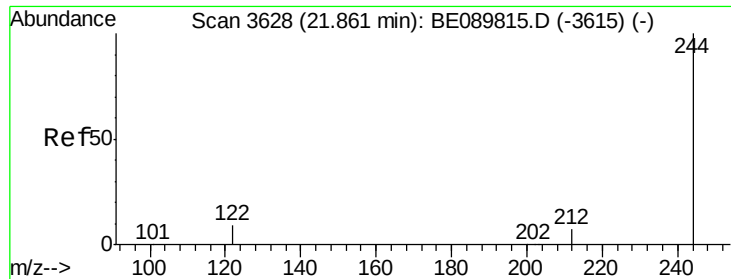
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#20
Pyrene
Concen: 0.08 ng
RT: 21.34 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	14927		
200	24.0	15.9	23.9#	
203	21.9	13.6	20.4#	





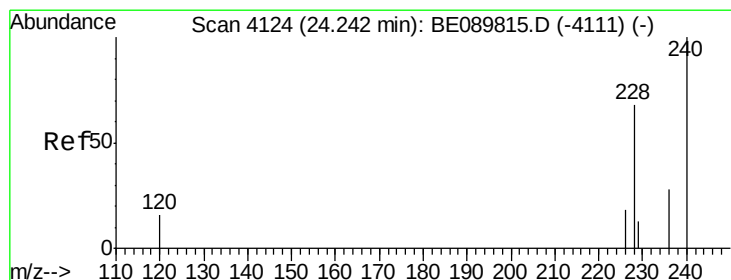
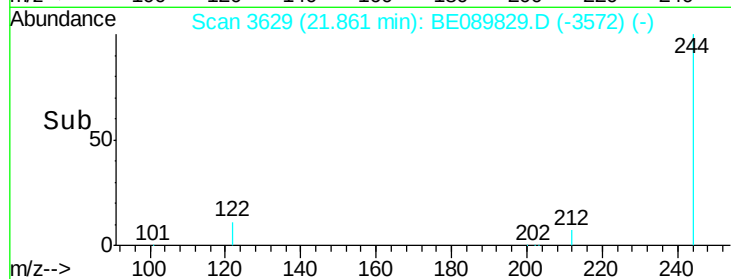
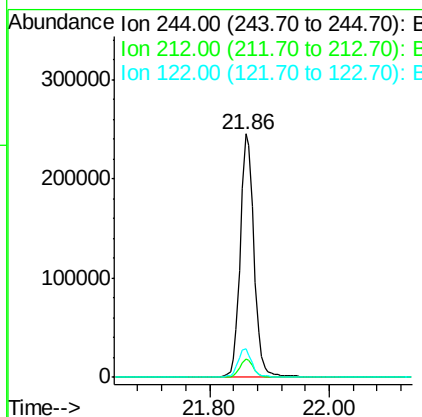
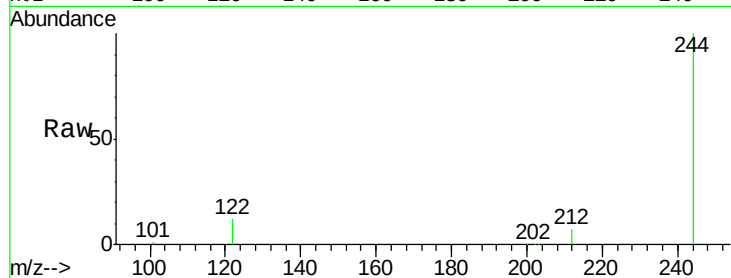
#21
 Terphenyl-d14
 Concen: 3.78 ng
 RT: 21.86 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: BE089829.D
 Acq: 25 Mar 2015 2:54

Instrument :
 BNA_E
 ClientSampleId :
 RW-11V

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	7.3	10.9
122	11.6	10.5	15.7

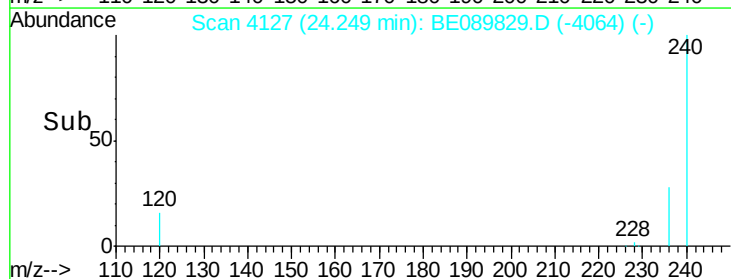
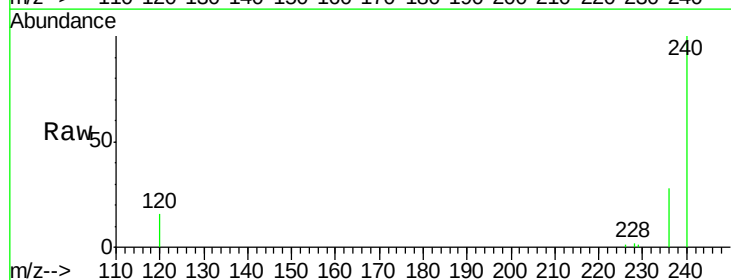
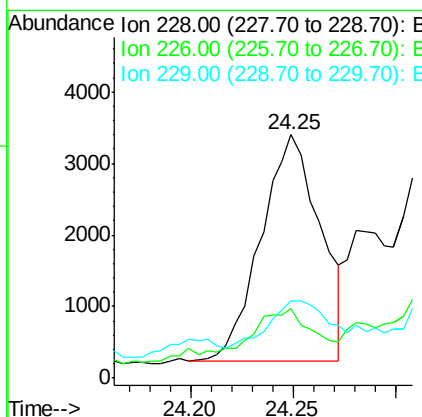
Manual Integrations
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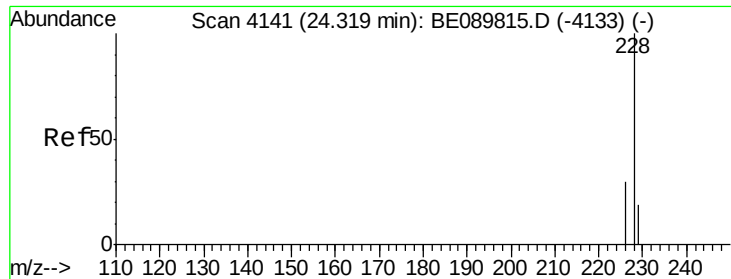
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#22
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 24.25 min Scan# 4127
 Delta R.T. 0.00 min
 Lab File: BE089829.D
 Acq: 25 Mar 2015 2:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.6	19.8	29.8
229	31.7	16.3	24.5#





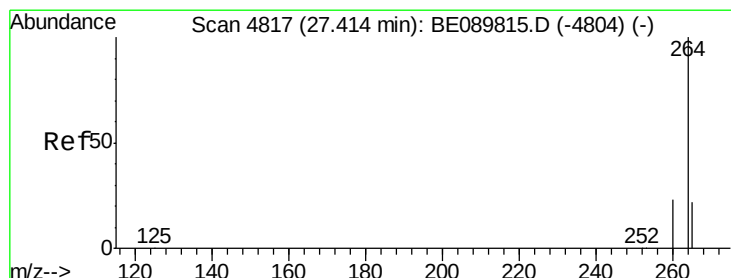
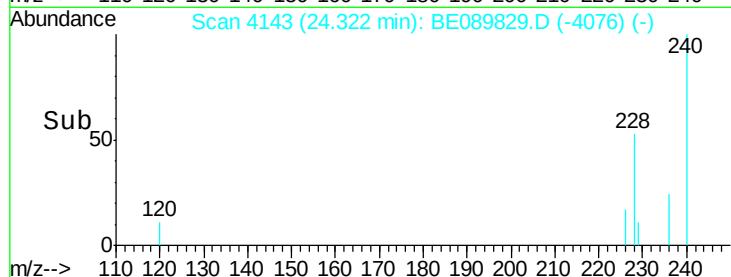
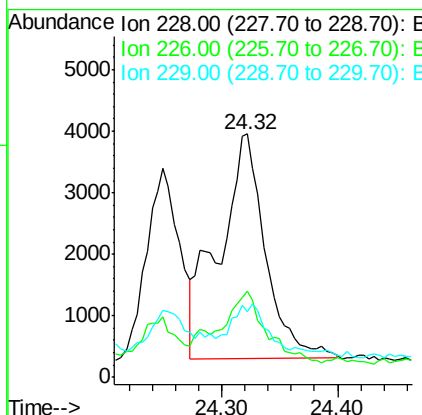
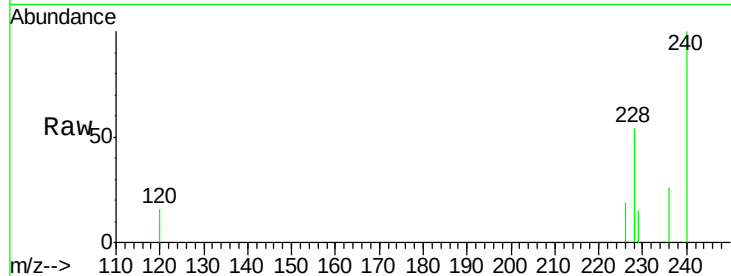
#23
Chrysene
Concen: 0.07 ng m
RT: 24.32 min Scan# 4143
Delta R.T. 0.01 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Instrument :
BNA_E
ClientSampled :
RW-11V

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	10166		
226	35.5	23.0	34.4#	
229	27.1	15.8	23.6#	

Manual Integrations
APPROVED

mohammad
3/25/2015 5:43:02 PM



#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089829.D
Acq: 25 Mar 2015 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	654485		
260	23.9	18.2	27.2	
265	22.0	17.3	25.9	

