

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
 Data File : BE089549.D
 Acq On : 7 Feb 2015 6:47
 Operator : TP/IZ
 Sample : G1243-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Manual Integrations
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 2/9/2015 11:55:10 AM

Quant Time: Feb 09 00:43:54 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	30130	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	109310	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	39278	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	64606	5.00	ng	0.00
16) Chrysene-d12	23.72	240	77097	5.00	ng	0.00
22) Perylene-d12	25.41	264	91569	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	54468	7.50	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	86929	8.30	ng	0.00
18) Terphenyl-d14	22.36	244	96932	9.53	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	12.38	128	248	0.01	ng	# 53
5) 2-Methylnaphthalene	14.03	142	115	0.01	ng	# 78
13) Phenanthrene	19.89	178	378m	0.02	ng	
14) Anthracene	19.98	178	127m	0.01	ng	
15) Fluoranthene	21.79	202	261	0.02	ng	# 89
17) Pyrene	22.10	202	271	0.02	ng	# 91
19) Benzo(a)anthracene	23.70	228	2104	0.03	ng	# 81
20) Chrysene	23.75	228	1882	0.03	ng	# 73
21) Indeno(1,2,3-cd)pyrene	26.84	276	1485	0.02	ng	97
27) Benzo(g,h,i)perylene	27.27	276	2491	0.03	ng	# 64

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

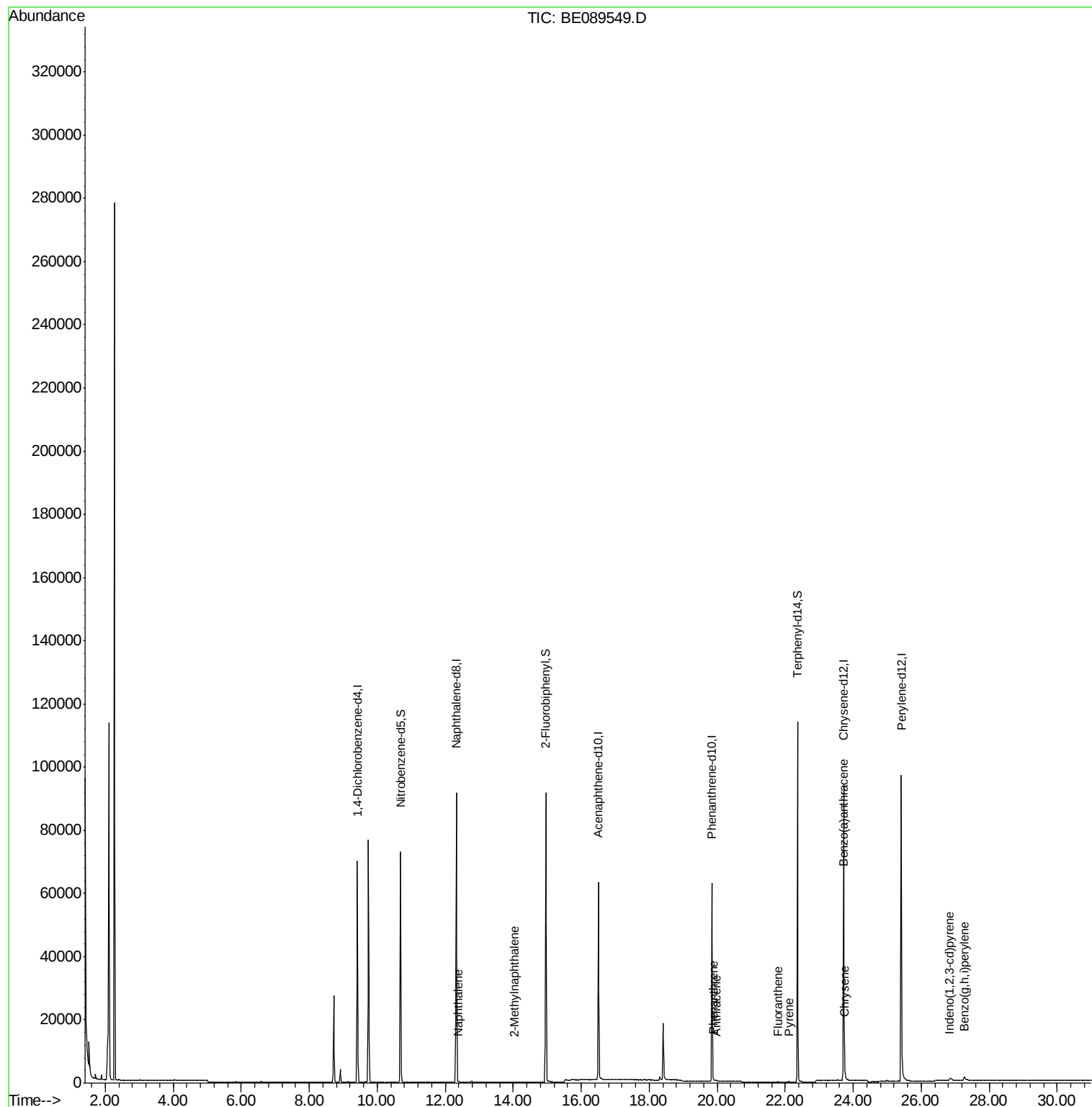
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089549.D
Acq On : 7 Feb 2015 6:47
Operator : TP/IZ
Sample : G1243-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

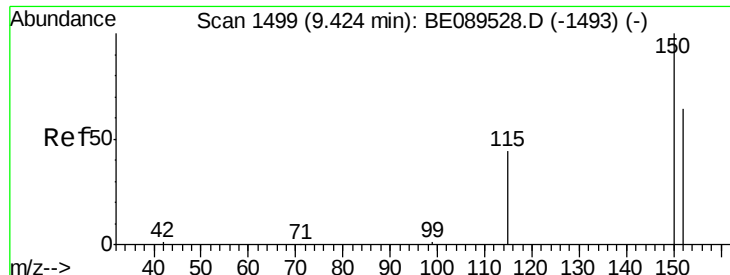
Instrument :
BNA_E
ClientSampleId :
MW-2

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Quant Time: Feb 09 00:43:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.42 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE089549.D

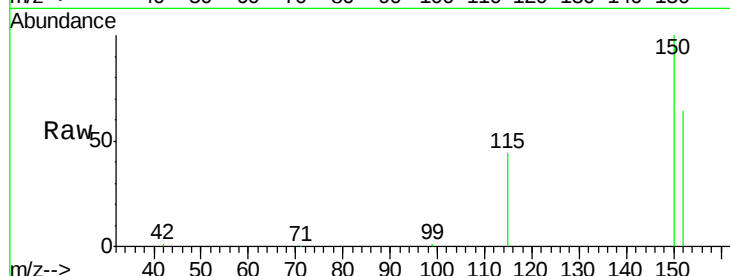
Acq: 7 Feb 2015 6:47

Instrument :

BNA_E

ClientSampleId :

MW-2



Tgt Ion:152 Resp: 30130

Ion Ratio Lower Upper

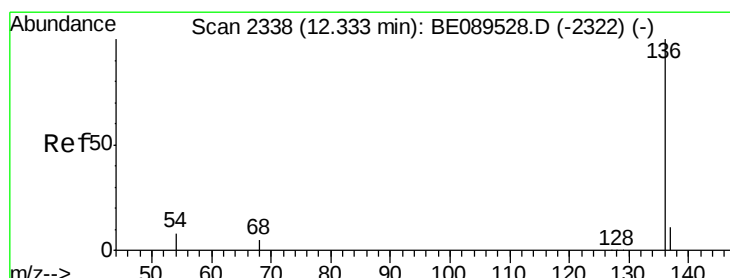
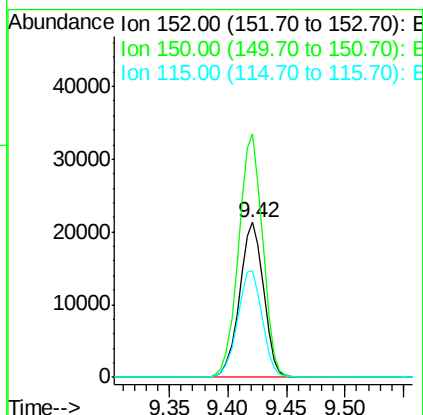
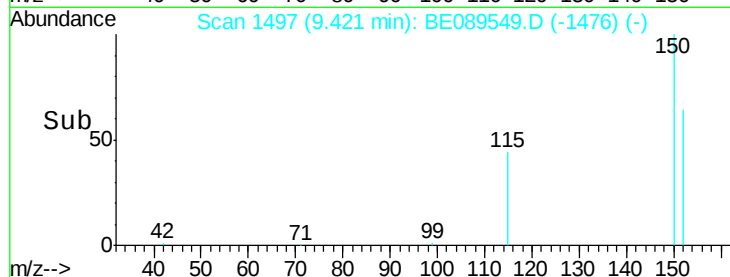
152 100

150 157.3 125.7 188.5

115 69.0 55.6 83.4

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#2

Naphthalene-d8

Concen: 5.00 ng

RT: 12.33 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BE089549.D

Acq: 7 Feb 2015 6:47

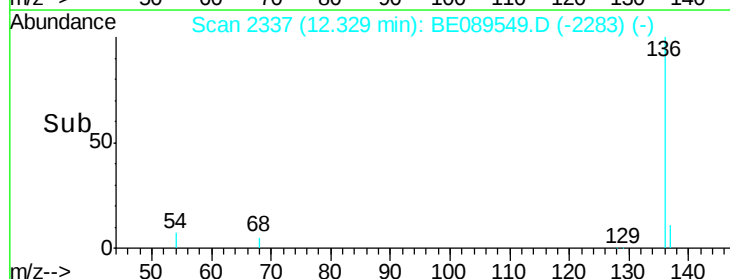
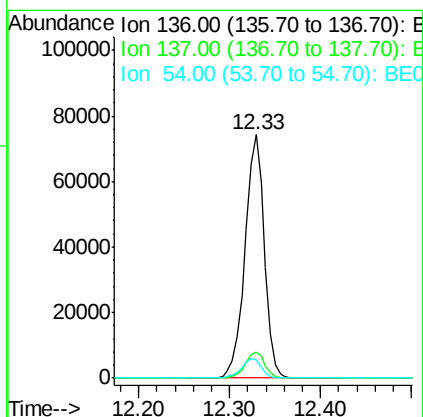
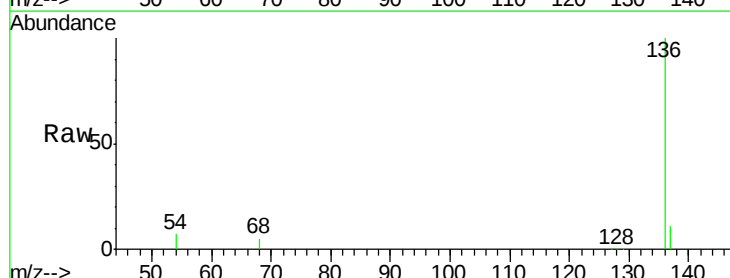
Tgt Ion:136 Resp: 109310

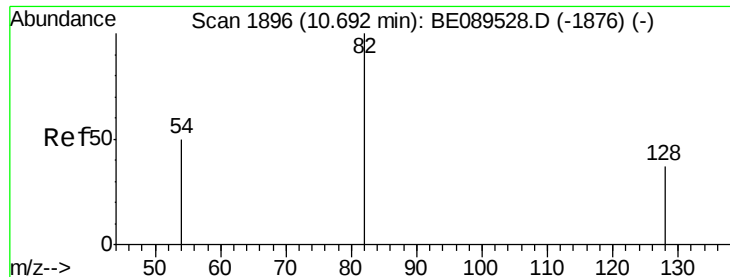
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.3 6.1 9.1





#3

Nitrobenzene-d5

Concen: 7.50 ng

RT: 10.69 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BE089549.D

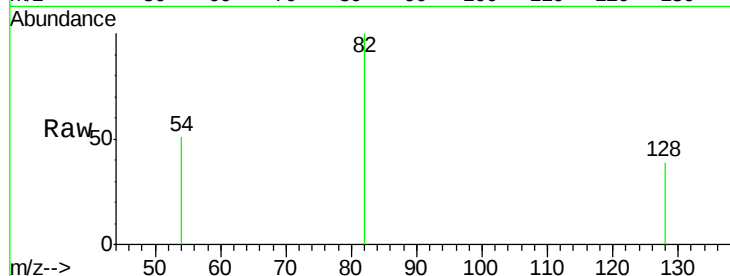
Acq: 7 Feb 2015 6:47

Instrument :

BNA_E

ClientSampleId :

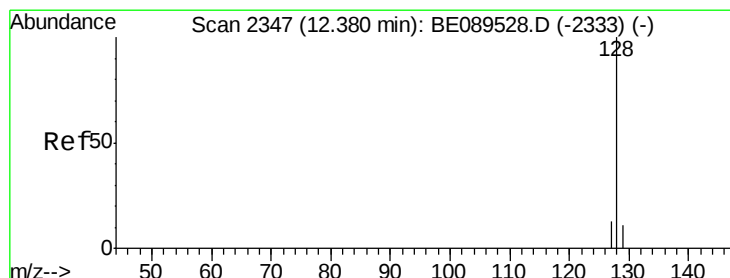
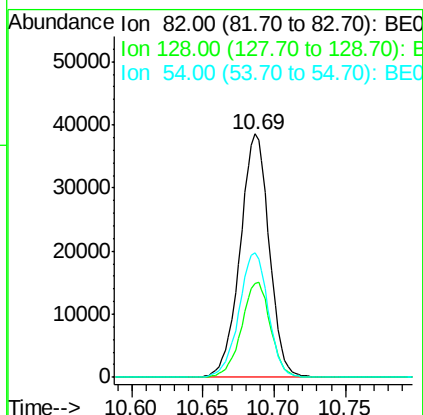
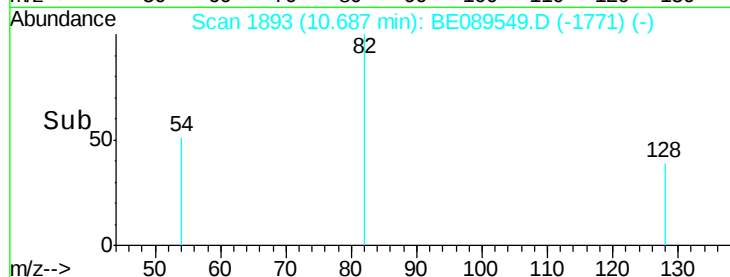
MW-2



Tgt Ion	82	Resp	54468
Ion Ratio	100	Lower	Upper
128	38.6	30.2	45.4
54	51.2	40.6	60.8

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#4

Naphthalene

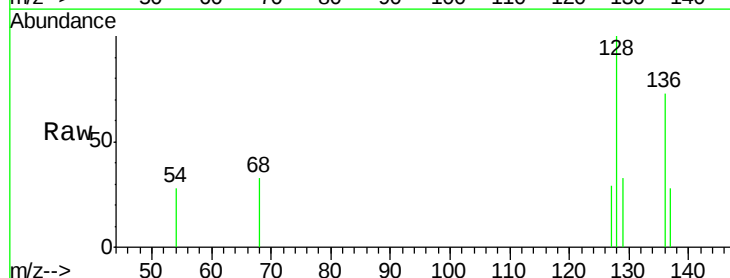
Concen: 0.01 ng

RT: 12.38 min Scan# 2346

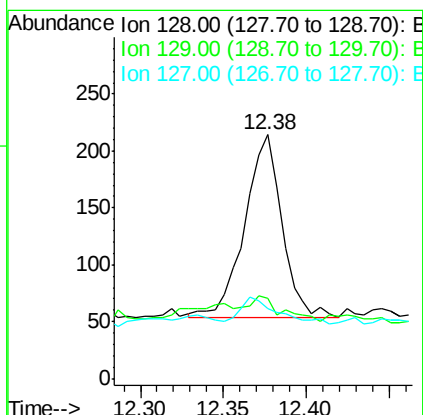
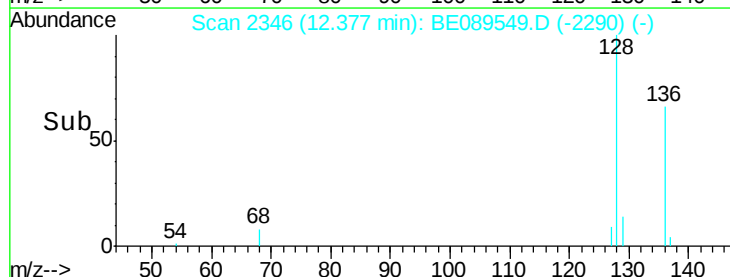
Delta R.T. -0.00 min

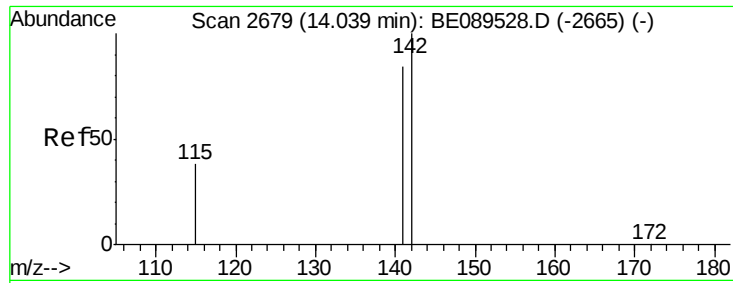
Lab File: BE089549.D

Acq: 7 Feb 2015 6:47



Tgt Ion	128	Resp	248
Ion Ratio	100	Lower	Upper
129	32.7	9.1	13.7#
127	29.0	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: BE089549.D

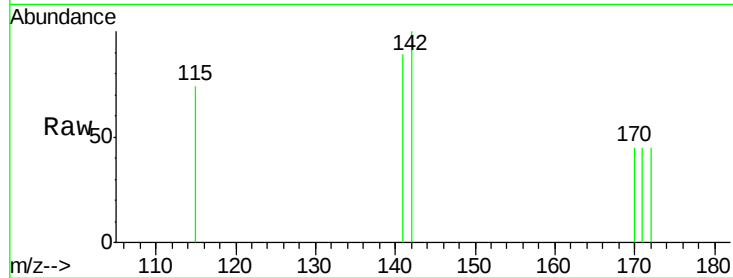
Acq: 7 Feb 2015 6:47

Instrument :

BNA_E

ClientSampled :

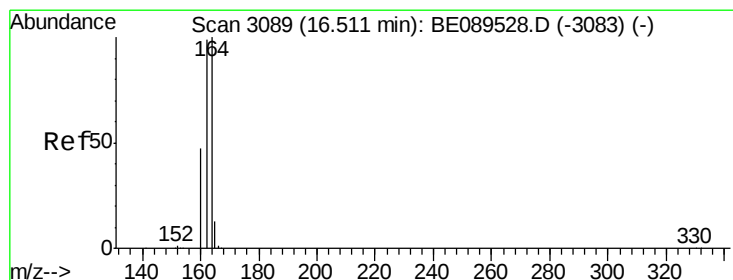
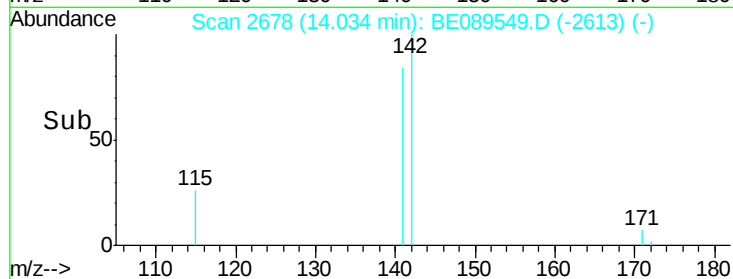
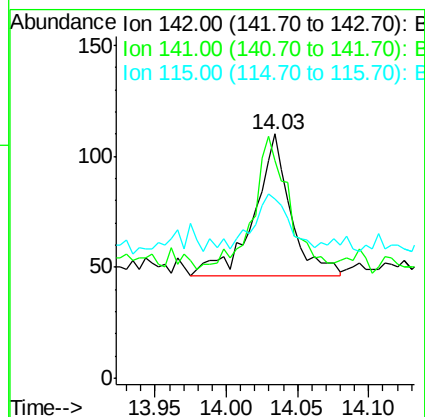
MW-2



Tgt Ion:	142	Resp:	115
Ion Ratio	Lower	Upper	
142	100		
141	89.1	67.0	100.6
115	73.6	30.6	45.8

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#6

Acenaphthene-d10

Concen: 5.00 ng

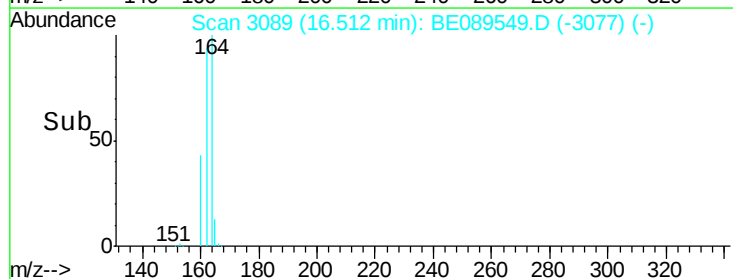
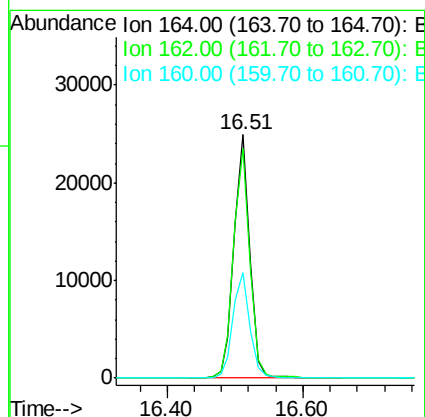
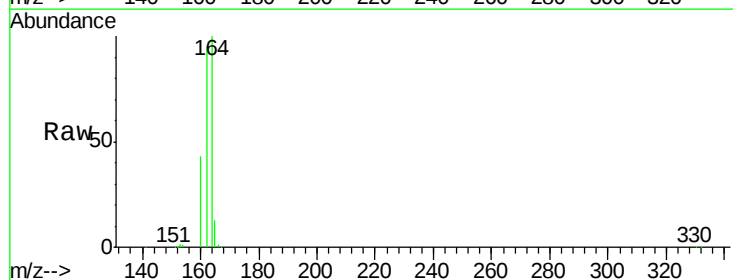
RT: 16.51 min Scan# 3089

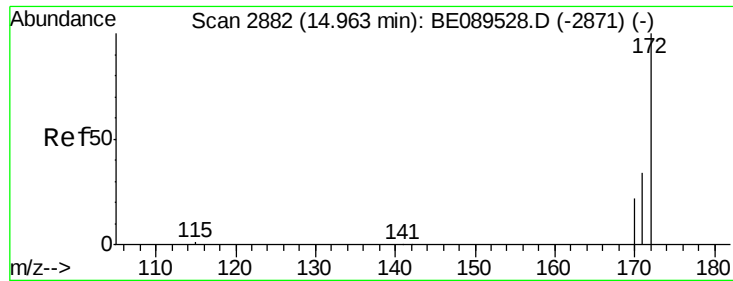
Delta R.T. 0.00 min

Lab File: BE089549.D

Acq: 7 Feb 2015 6:47

Tgt Ion:	164	Resp:	39278
Ion Ratio	Lower	Upper	
164	100		
162	94.5	79.5	119.3
160	43.1	37.6	56.4





#7

2-Fluorobiphenyl

Concen: 8.30 ng

RT: 14.96 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE089549.D

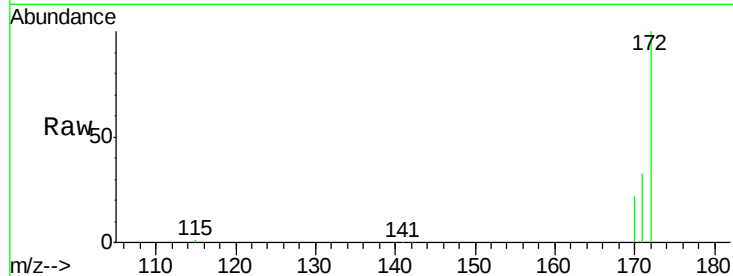
Acq: 7 Feb 2015 6:47

Instrument :

BNA_E

ClientSampleId :

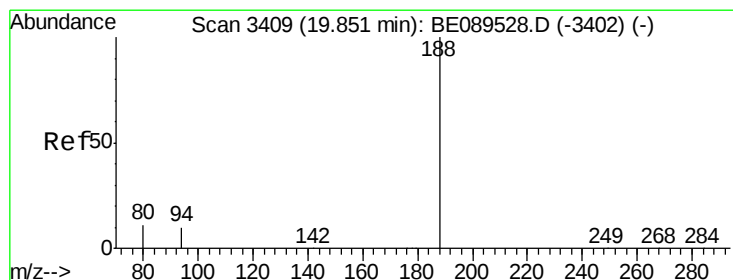
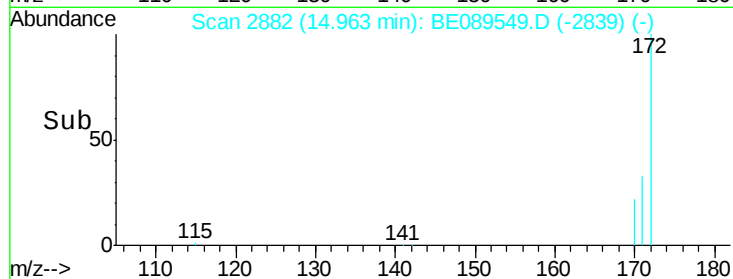
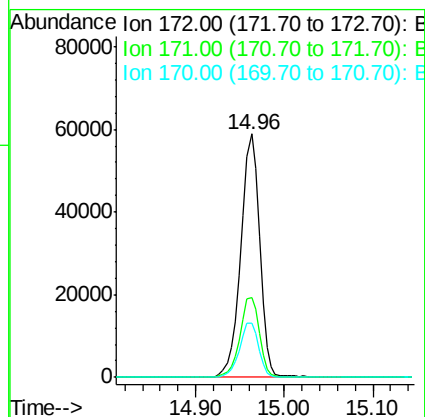
MW-2



Tgt Ion:	172	Resp:	86929
Ion Ratio	Lower	Upper	
172	100		
171	32.9	27.7	41.5
170	22.1	18.3	27.5

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#11

Phenanthrene-d10

Concen: 5.00 ng

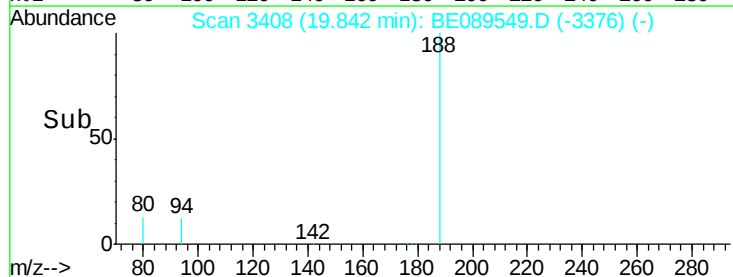
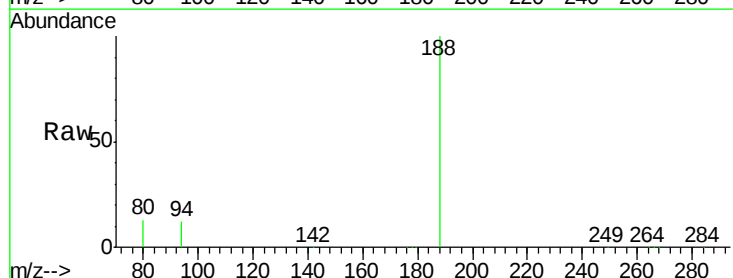
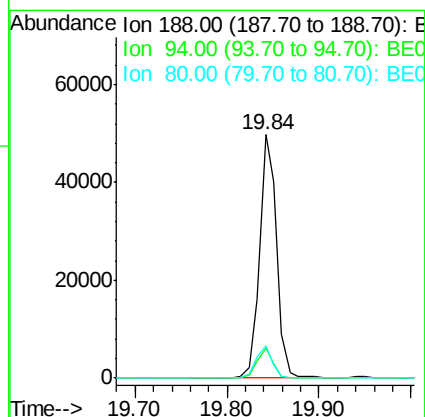
RT: 19.84 min Scan# 3408

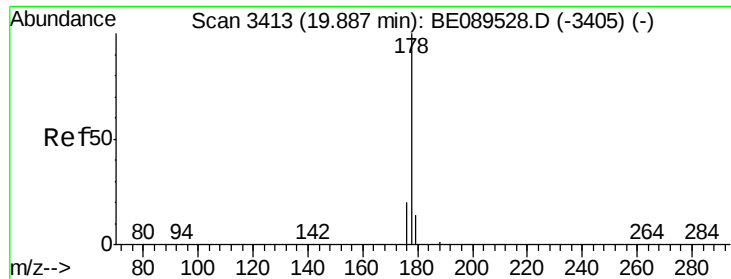
Delta R.T. -0.01 min

Lab File: BE089549.D

Acq: 7 Feb 2015 6:47

Tgt Ion:	188	Resp:	64606
Ion Ratio	Lower	Upper	
188	100		
94	12.4	8.4	12.6
80	13.4	8.6	12.8#





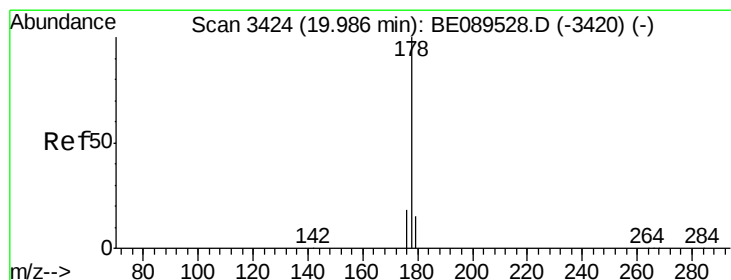
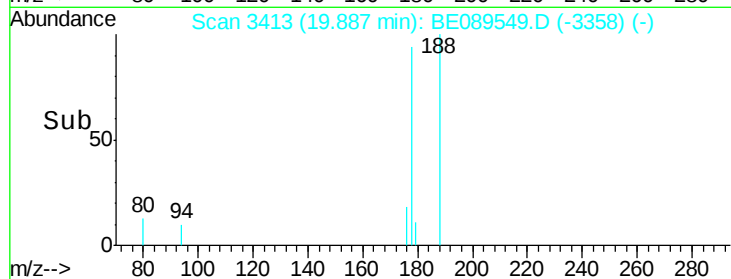
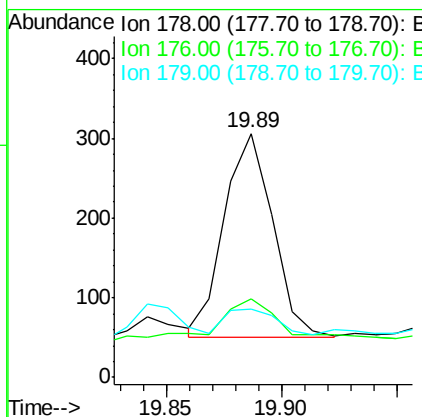
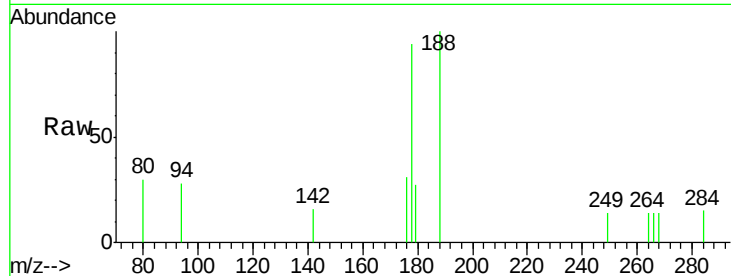
#13
Phenanthrene
Concen: 0.02 ng m
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

Instrument :
BNA_E
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.1	15.4	23.0#
179	15.1	12.2	18.2

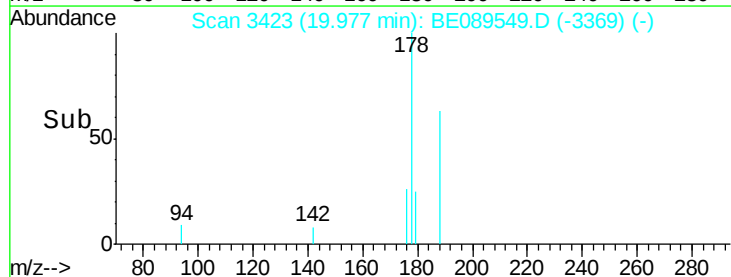
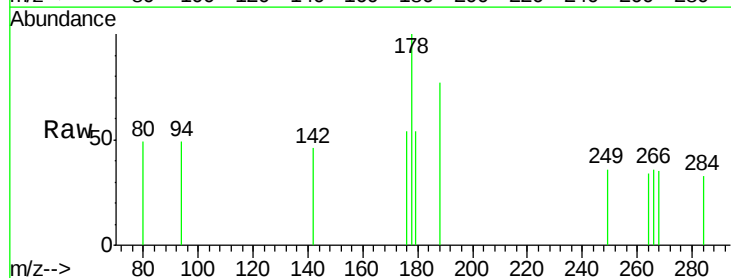
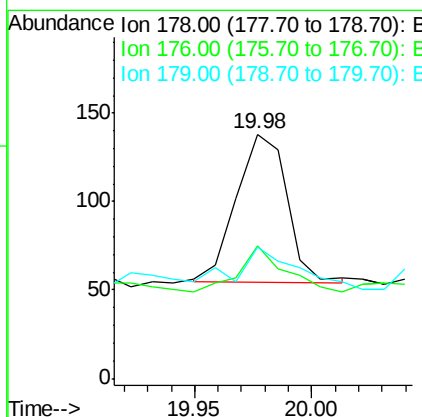
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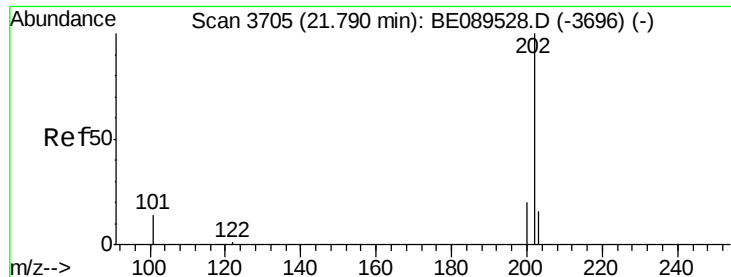
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#14
Anthracene
Concen: 0.01 ng m
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	74.8	14.5	21.7#
179	44.1	12.2	18.2#





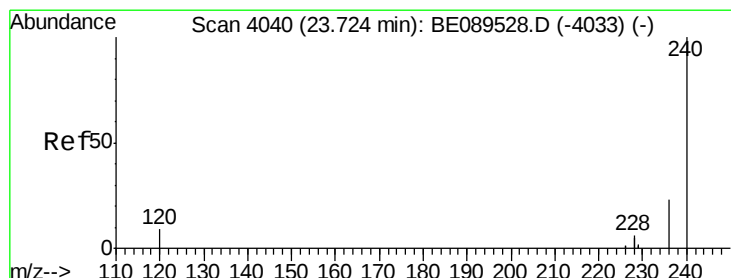
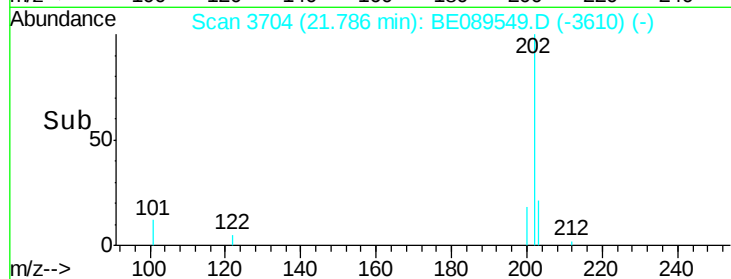
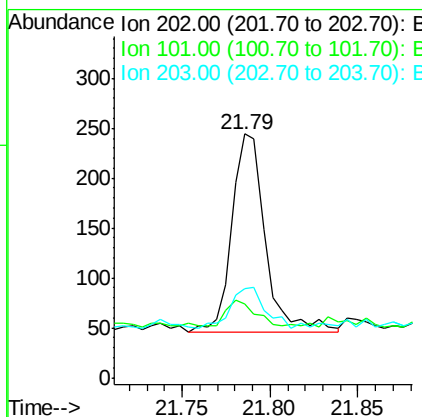
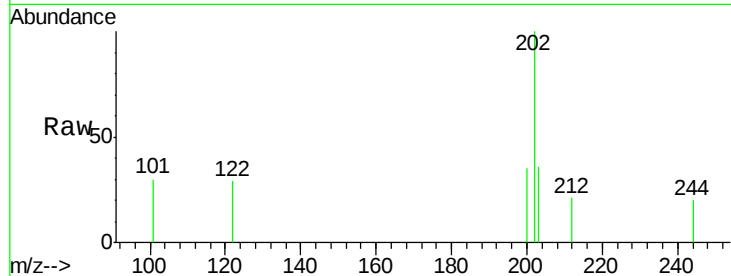
#15
 Fluoranthene
 Concen: 0.02 ng
 RT: 21.79 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BE089549.D
 Acq: 7 Feb 2015 6:47

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.6	17.4#
203	22.6	13.6	20.4#

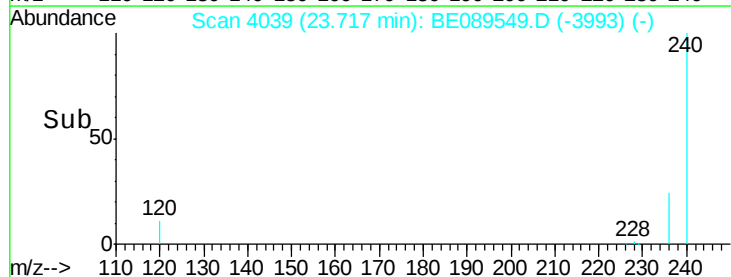
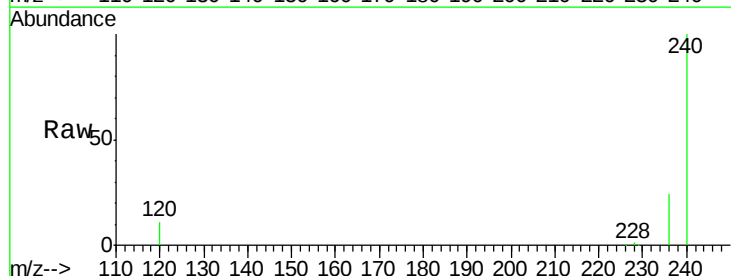
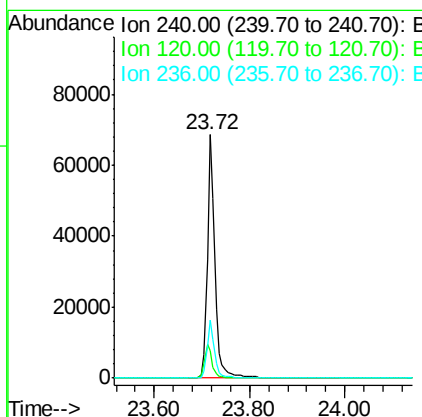
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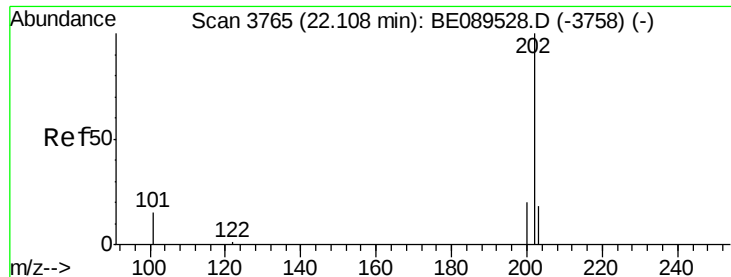
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#16
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.72 min Scan# 4039
 Delta R.T. -0.01 min
 Lab File: BE089549.D
 Acq: 7 Feb 2015 6:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.2	10.8#
236	23.9	18.5	27.7





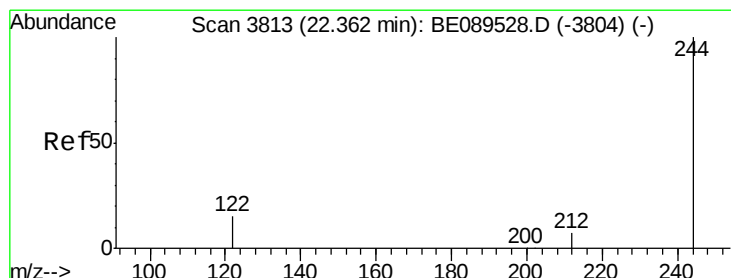
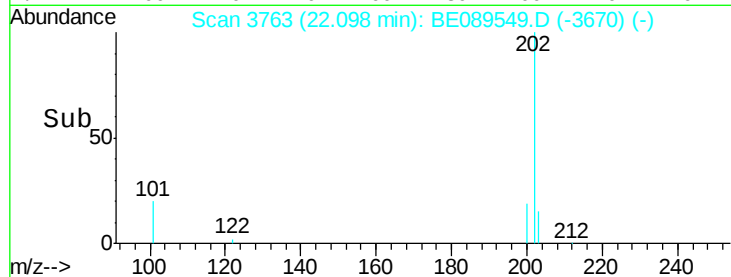
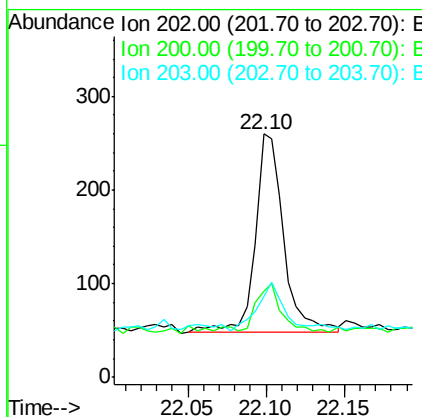
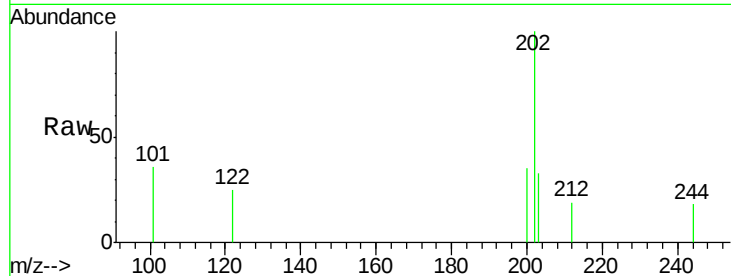
#17
 Pyrene
 Concen: 0.02 ng
 RT: 22.10 min Scan# 3763
 Delta R.T. -0.01 min
 Lab File: BE089549.D
 Acq: 7 Feb 2015 6:47

Instrument :
 BNA_E
 ClientSampleId :
 MW-2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	24.0	13.5	20.3

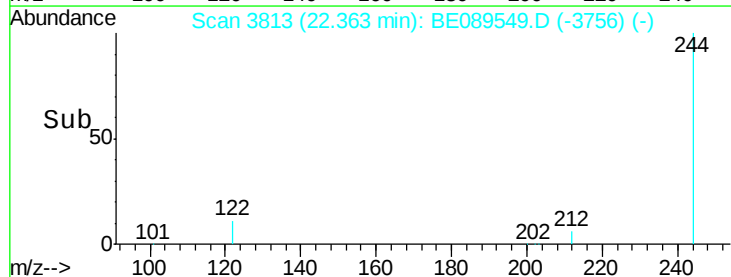
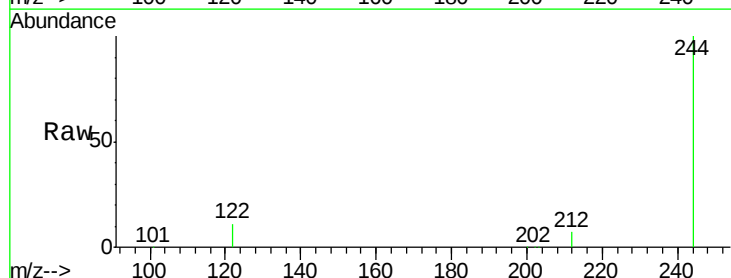
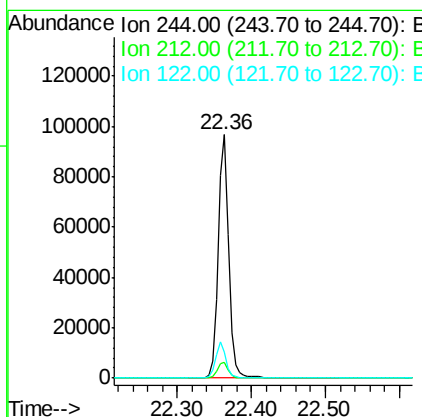
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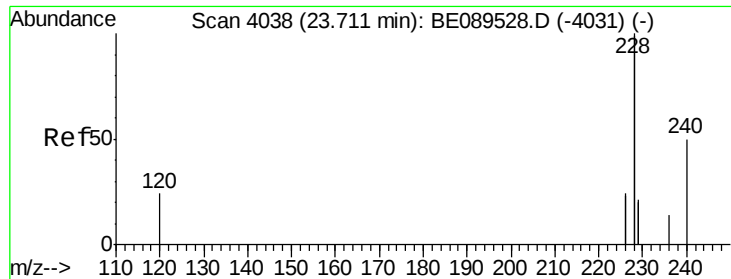
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#18
 Terphenyl-d14
 Concen: 9.53 ng
 RT: 22.36 min Scan# 3813
 Delta R.T. 0.00 min
 Lab File: BE089549.D
 Acq: 7 Feb 2015 6:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.8	12.6	19.0





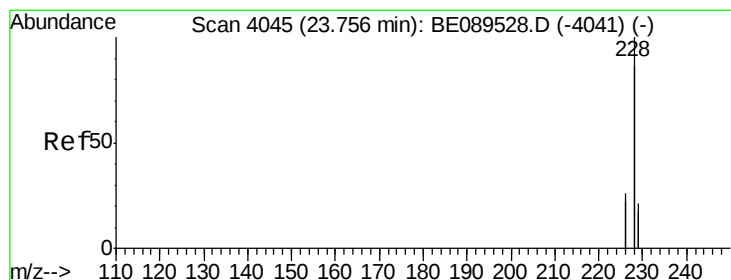
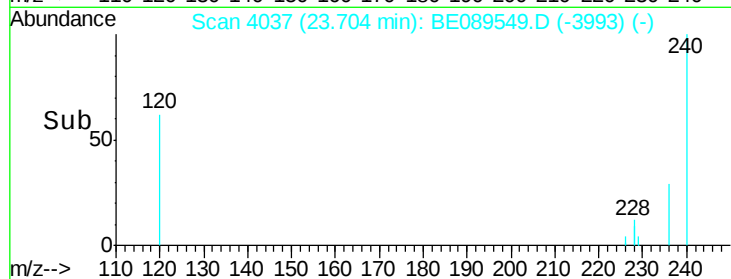
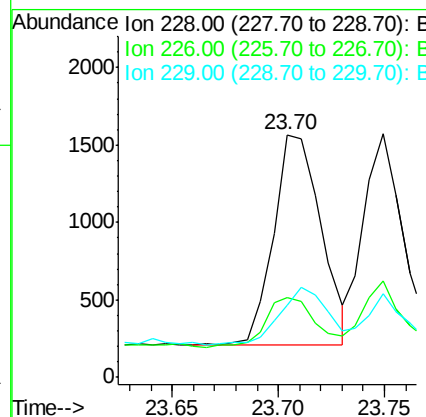
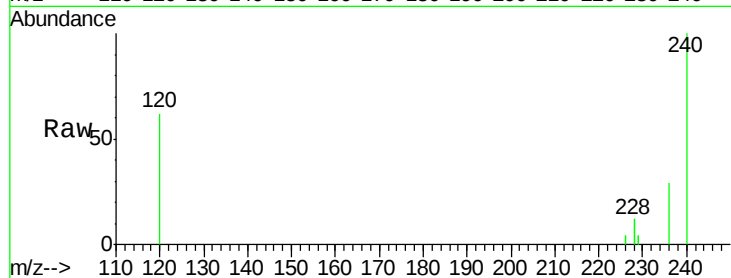
#19
Benzo(a)anthracene
Concen: 0.03 ng
RT: 23.70 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

Instrument :
BNA_E
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	19.0	28.4#
229	29.7	16.8	25.2#

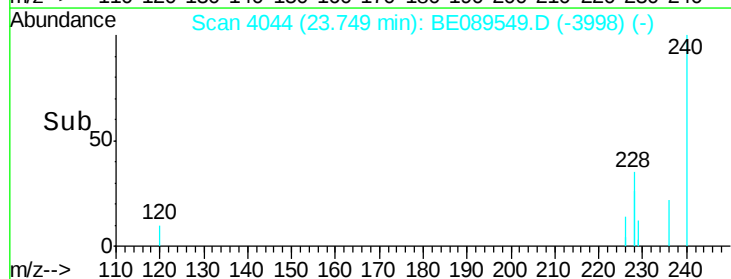
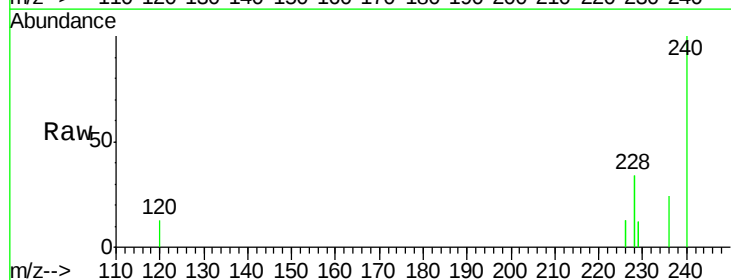
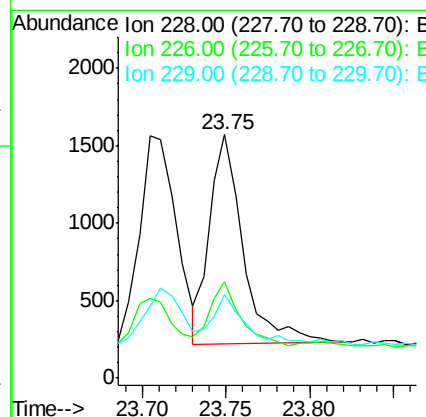
Manual Integrations
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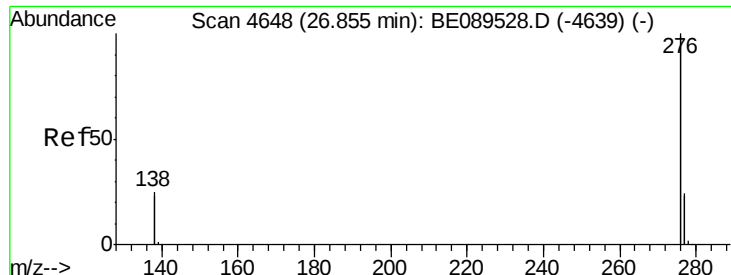
apatel
2/9/2015 11:55:10 AM



#20
Chrysene
Concen: 0.03 ng
RT: 23.75 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.4	21.0	31.4#
229	34.1	16.7	25.1#





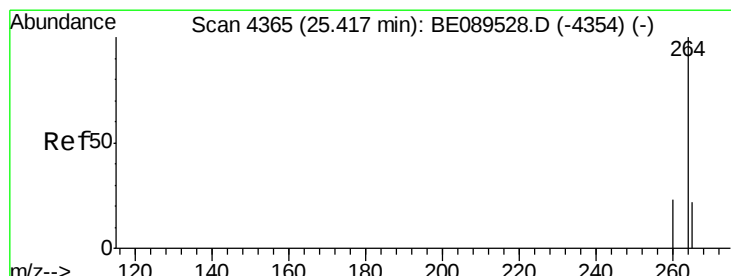
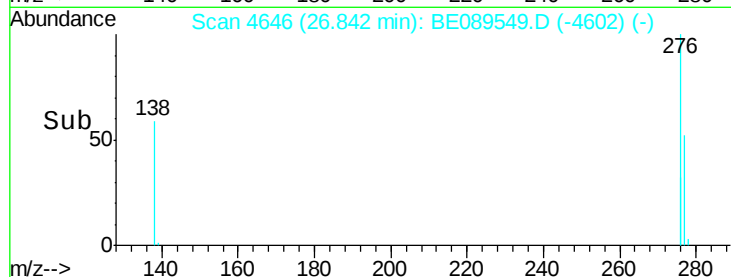
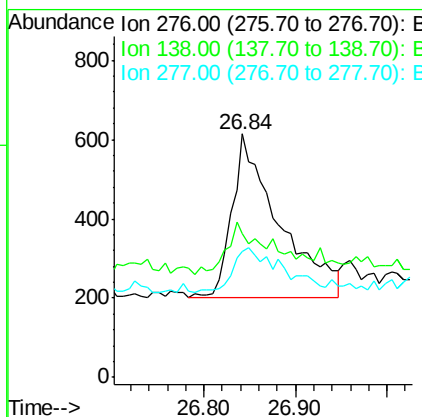
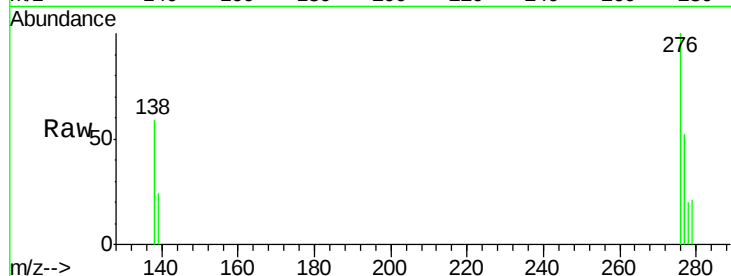
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.84 min Scan# 4646
Delta R.T. -0.01 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

Instrument :
BNA_E
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.0	34.4
277	24.0	19.9	29.9

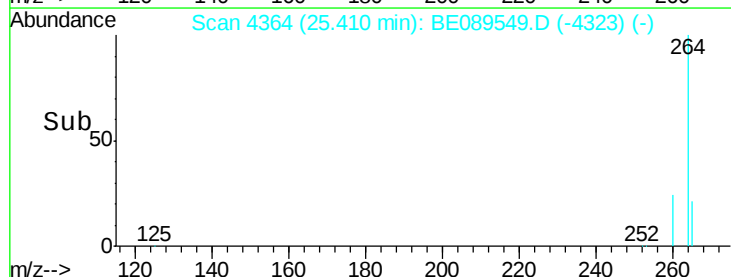
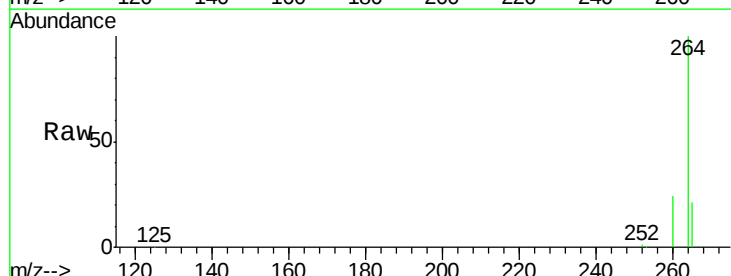
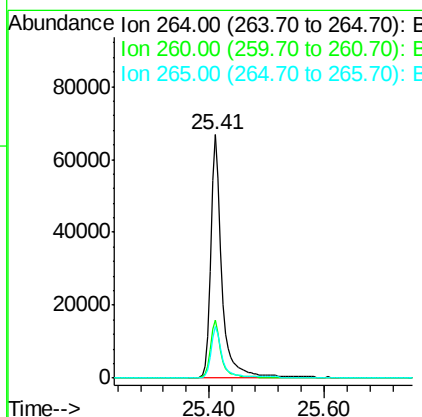
Manual Integrations
APPROVED

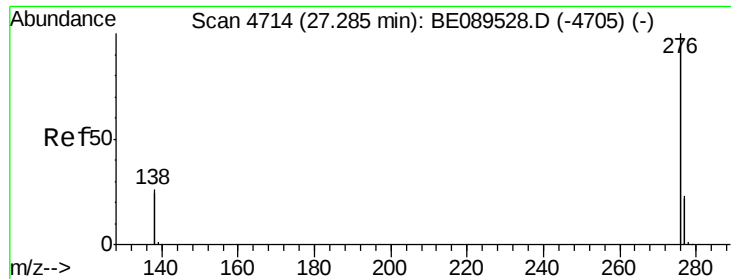
apatel
2/9/2015 11:55:10 AM



#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BE089549.D
Acq: 7 Feb 2015 6:47

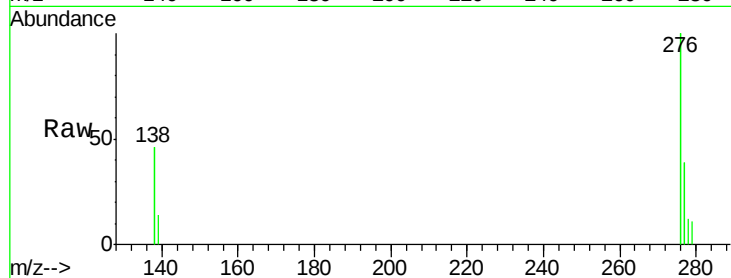
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.4	17.5	26.3





#27
 Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 27.27 min Scan# 4712
 Delta R.T. -0.01 min
 Lab File: BE089549.D
 Acq: 7 Feb 2015 6:47

Instrument :
 BNA_E
 ClientSampleId :
 MW-2



Tgt	Ion	276	Resp:	2491
Ion	Ratio	Lower	Upper	
276	100			
277	39.4	18.6	27.8#	
138	46.0	20.9	31.3#	

Manual Integrations
 APPROVED

apatel
 2/9/2015 11:55:10 AM

