

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
 Data File : BE089544.D
 Acq On : 7 Feb 2015 3:33
 Operator : TP/IZ
 Sample : G1238-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW2

Manual Integrations
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Quant Time: Feb 07 06:08:48 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	36337	5.00	ng	0.00
2) Naphthalene-d8	12.33	136	141032	5.00	ng	0.00
6) Acenaphthene-d10	16.51	164	60022	5.00	ng	0.00
11) Phenanthrene-d10	19.84	188	114576	5.00	ng	0.00
16) Chrysene-d12	23.72	240	130664	5.00	ng	0.00
22) Perylene-d12	25.41	264	138344	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.69	82	64933	6.93	ng	0.00
7) 2-Fluorobiphenyl	14.96	172	114665	7.16	ng	0.00
18) Terphenyl-d14	22.36	244	162729	9.44	ng	0.00
Target Compounds						Qvalue
13) Phenanthrene	19.89	178	263	0.01	ng	95
14) Anthracene	19.98	178	164m	0.01	ng	
15) Fluoranthene	21.79	202	320	0.01	ng	# 92
17) Pyrene	22.10	202	370	0.01	ng	# 92
19) Benzo(a)anthracene	23.71	228	3607	0.03	ng	# 87
20) Chrysene	23.75	228	2849	0.02	ng	# 83

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

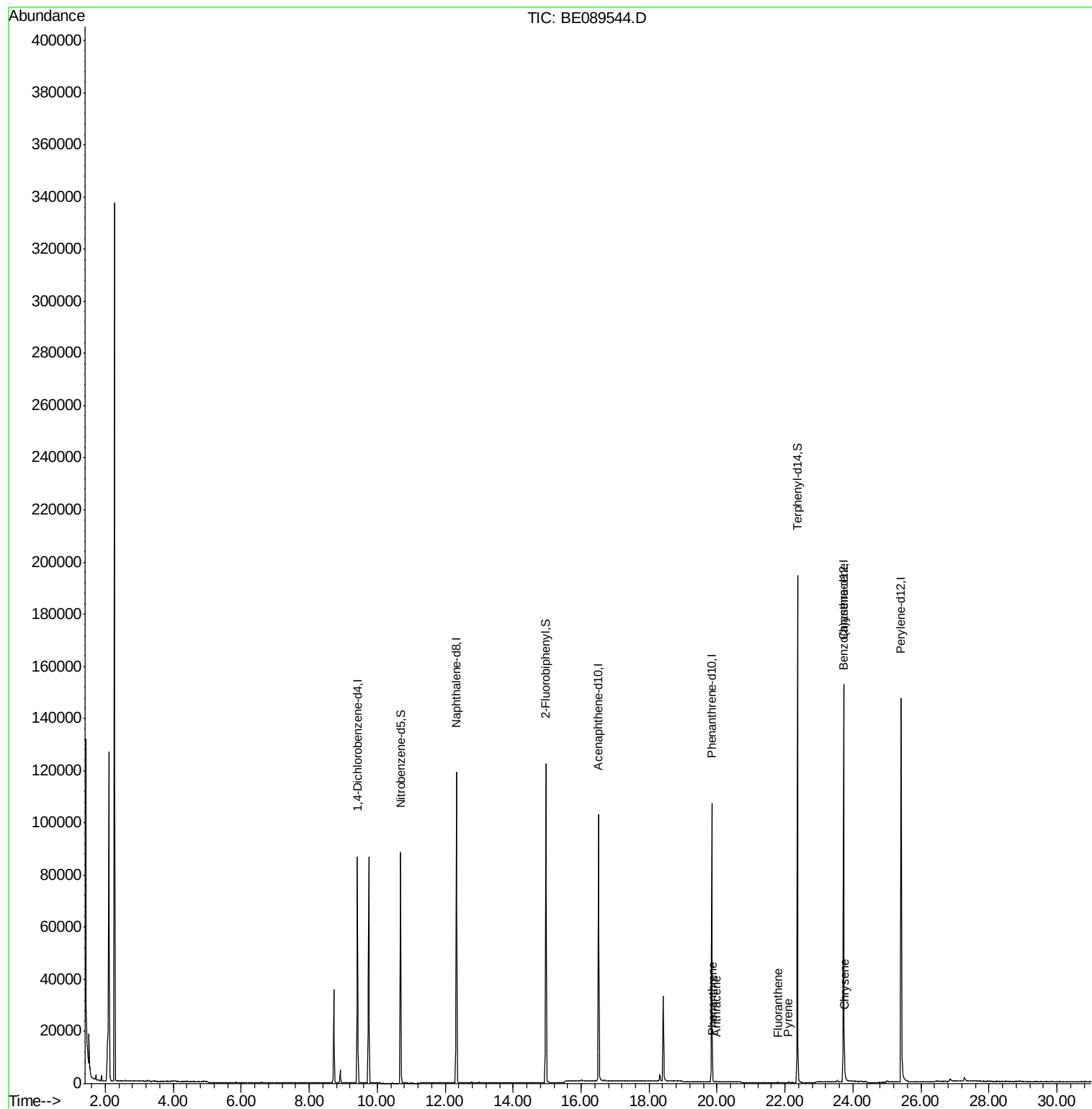
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020615\
Data File : BE089544.D
Acq On : 7 Feb 2015 3:33
Operator : TP/IZ
Sample : G1238-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

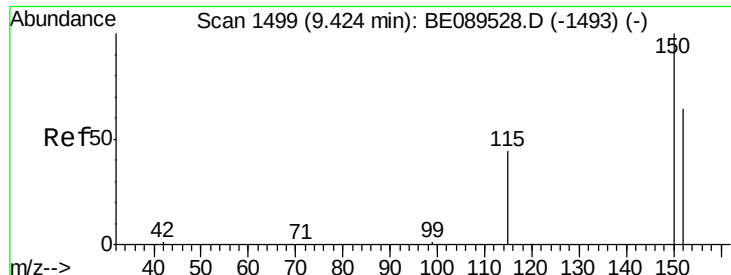
Instrument :
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MW2

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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: BE089544.D

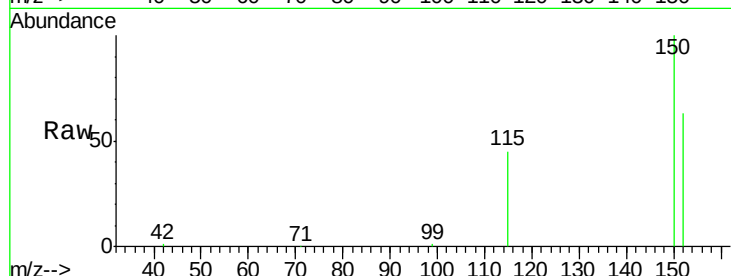
Acq: 7 Feb 2015 3:33

Instrument :

BNA_E

ClientSampleId :

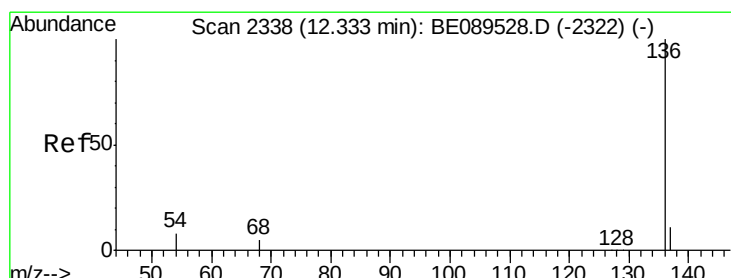
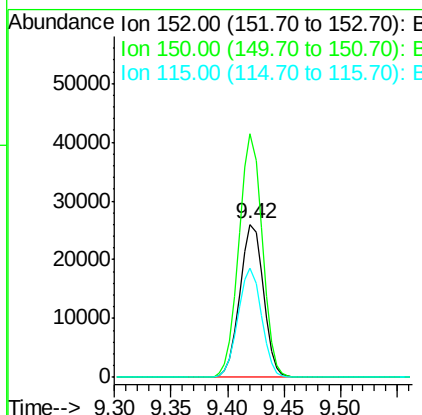
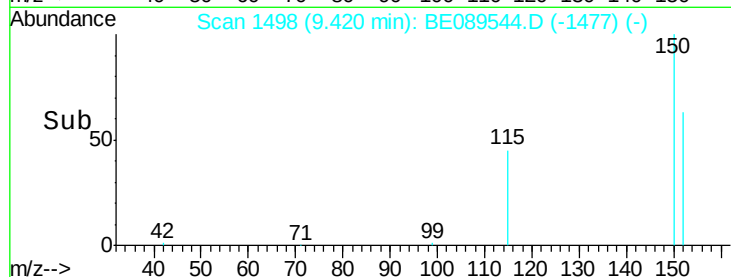
MW2



Tgt Ion:	152	Resp:	36337
Ion Ratio	Lower	Upper	
152	100		
150	158.7	125.7	188.5
115	71.2	55.6	83.4

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#2

Naphthalene-d8

Concen: 5.00 ng

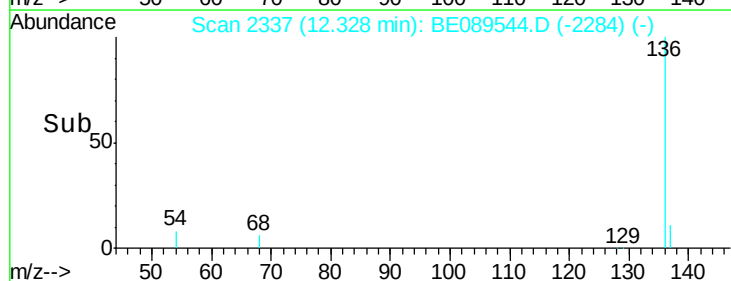
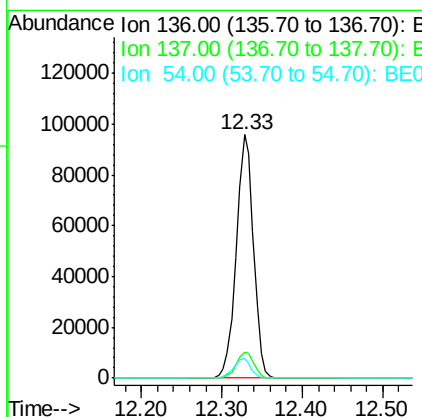
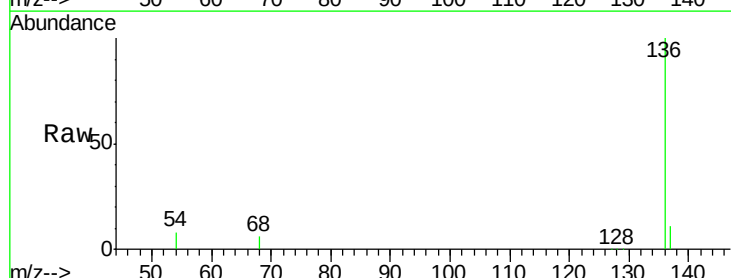
RT: 12.33 min Scan# 2337

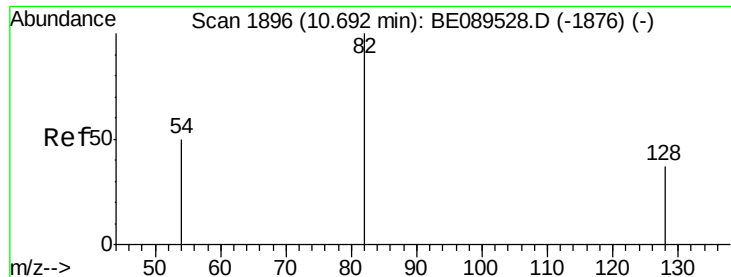
Delta R.T. -0.01 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Tgt Ion:	136	Resp:	141032
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	7.9	6.1	9.1





#3

Nitrobenzene-d5

Concen: 6.93 ng

RT: 10.69 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Instrument :

BNA_E

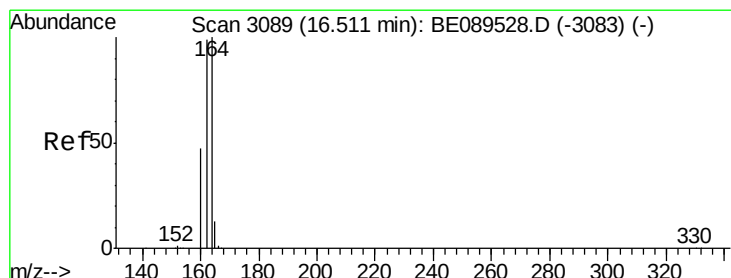
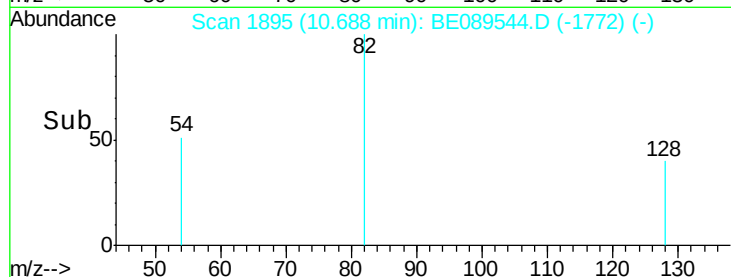
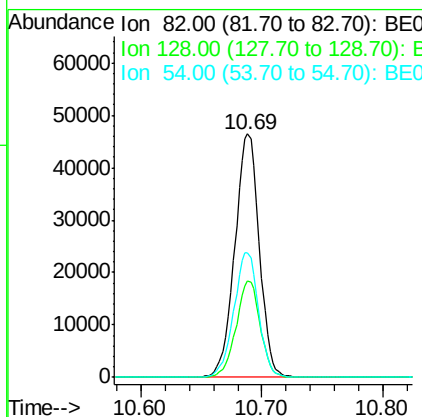
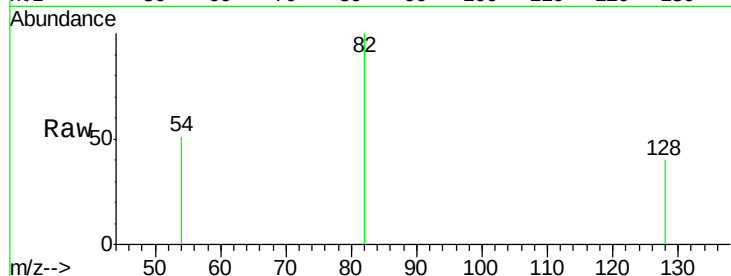
ClientSampleId :

MW2

Tgt Ion:	82	Resp:	64933
Ion Ratio	Lower	Upper	
82	100		
128	39.7	30.2	45.4
54	51.4	40.6	60.8

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#6

Acenaphthene-d10

Concen: 5.00 ng

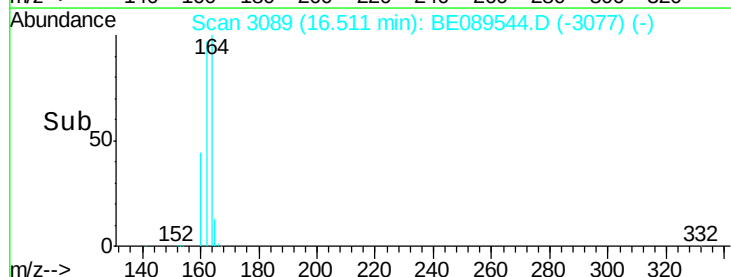
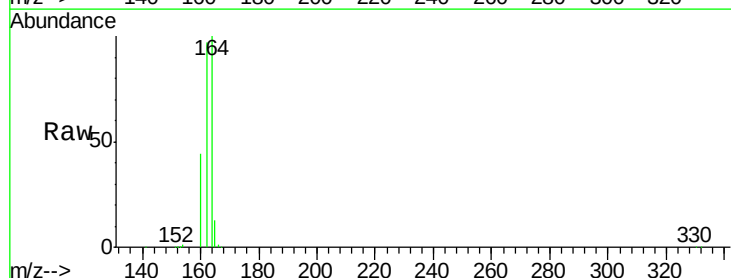
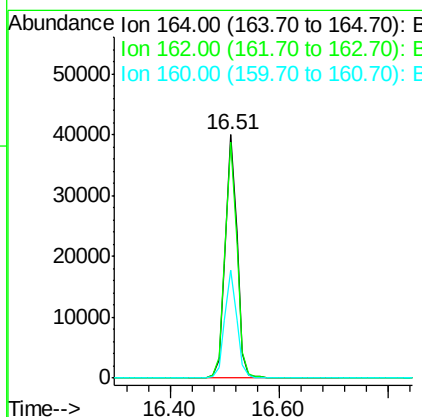
RT: 16.51 min Scan# 3089

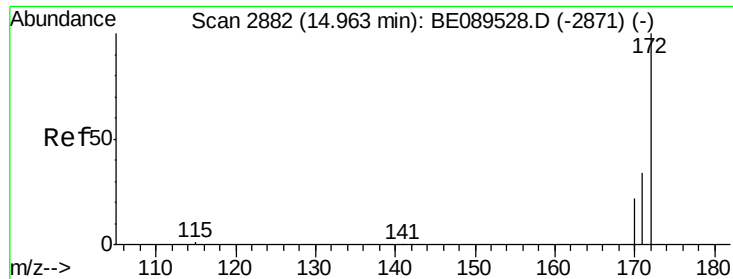
Delta R.T. 0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Tgt Ion:	164	Resp:	60022
Ion Ratio	Lower	Upper	
164	100		
162	97.1	79.5	119.3
160	44.4	37.6	56.4





#7

2-Fluorobiphenyl

Concen: 7.16 ng

RT: 14.96 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Instrument :

BNA_E

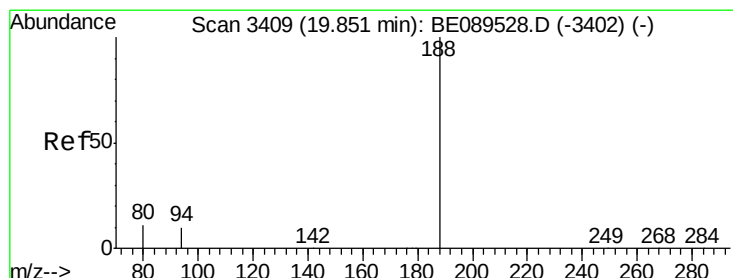
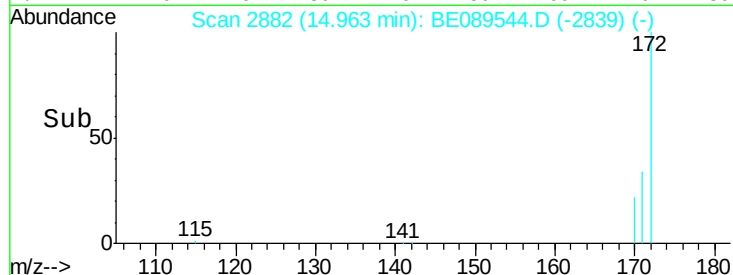
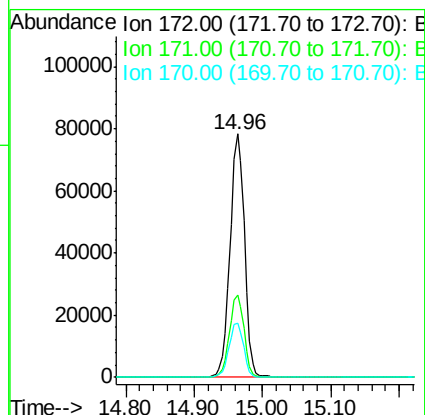
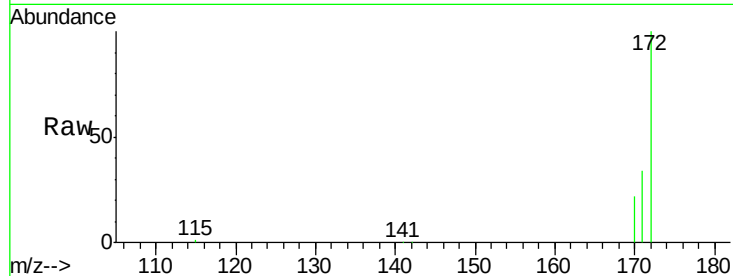
ClientSampled :

MW2

Tgt Ion:	172	Resp:	114665
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.7	41.5
170	22.1	18.3	27.5

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#11

Phenanthrene-d10

Concen: 5.00 ng

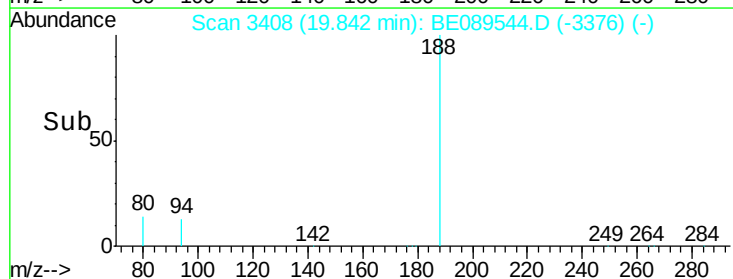
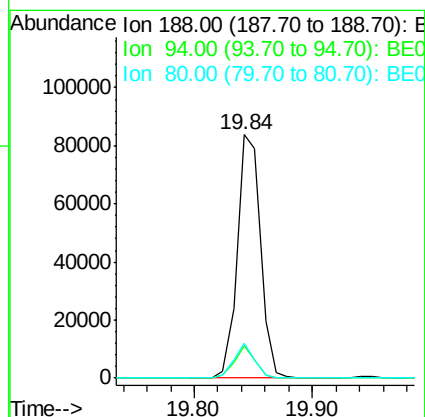
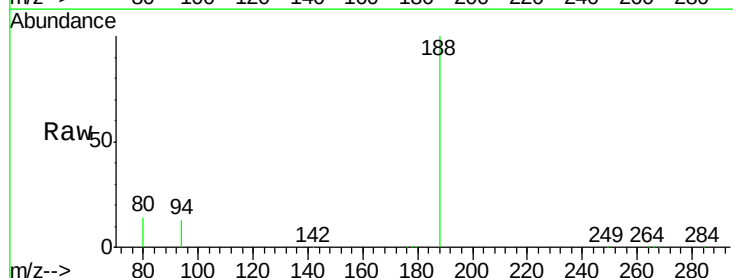
RT: 19.84 min Scan# 3408

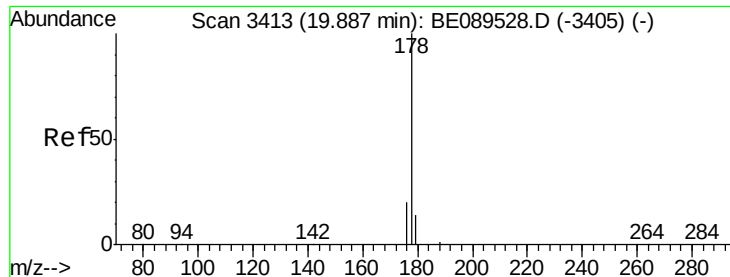
Delta R.T. -0.01 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Tgt Ion:	188	Resp:	114576
Ion Ratio	Lower	Upper	
188	100		
94	13.2	8.4	12.6#
80	14.2	8.6	12.8#





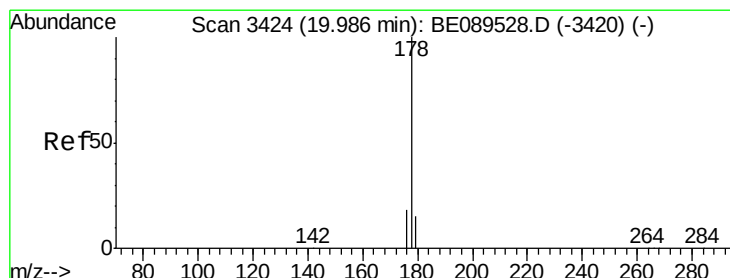
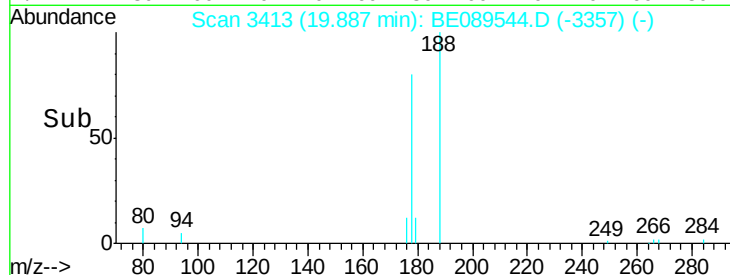
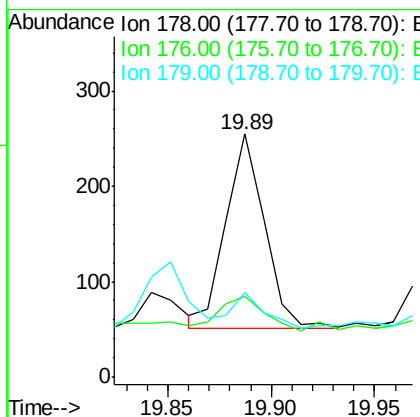
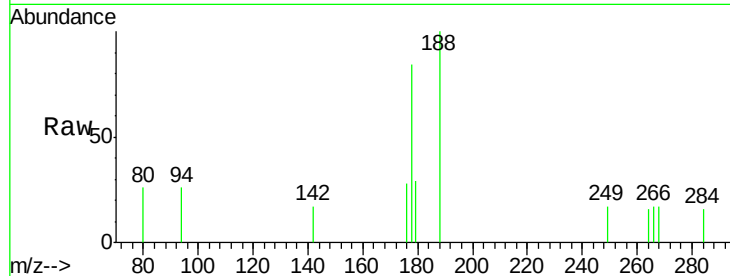
#13
Phenanthrene
Concen: 0.01 ng
RT: 19.89 min Scan# 3413
Delta R.T. 0.00 min
Lab File: BE089544.D
Acq: 7 Feb 2015 3:33

Instrument :
BNA_E
ClientSampleId :
MW2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.4	23.0
179	12.9	12.2	18.2

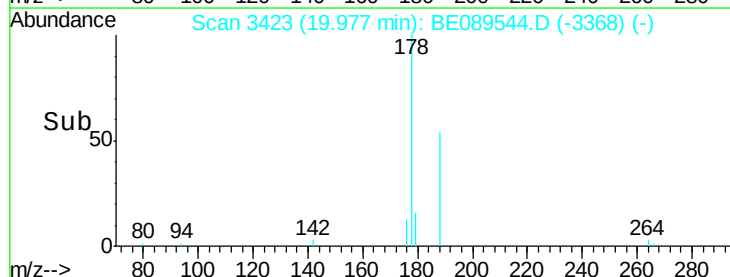
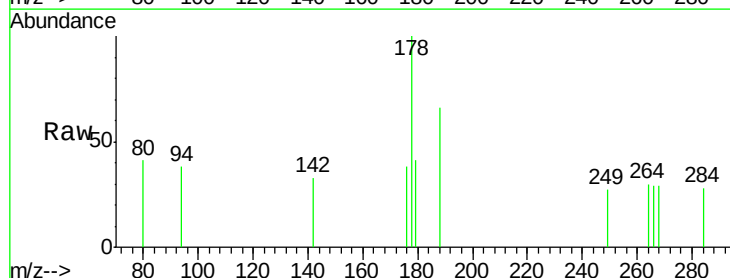
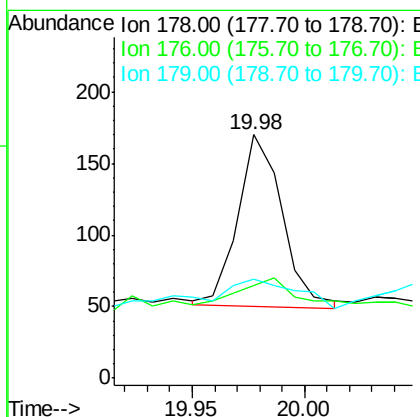
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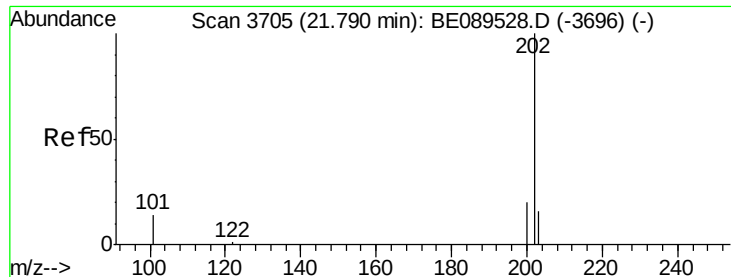
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#14
Anthracene
Concen: 0.01 ng m
RT: 19.98 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BE089544.D
Acq: 7 Feb 2015 3:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	34.1	14.5	21.7#
179	20.7	12.2	18.2#





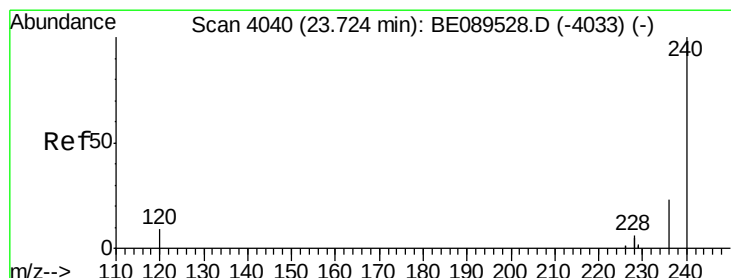
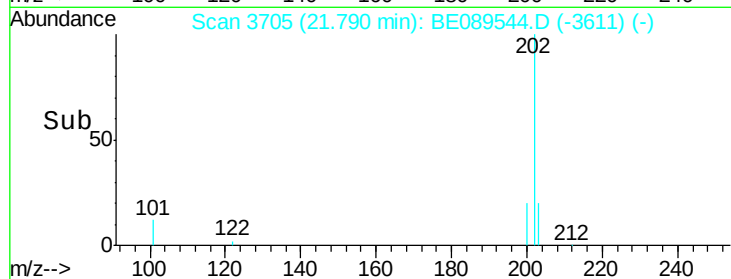
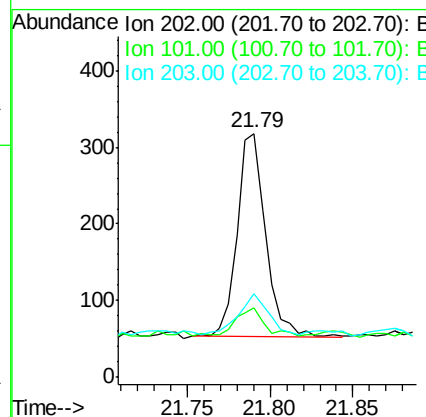
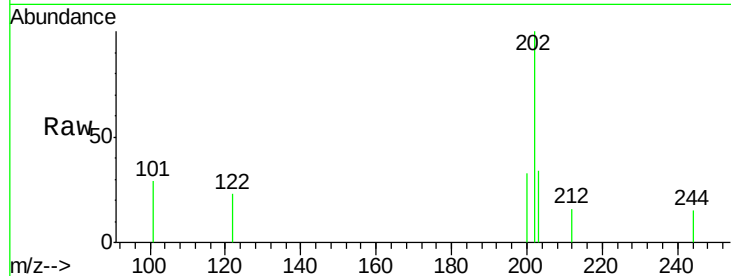
#15
 Fluoranthene
 Concen: 0.01 ng
 RT: 21.79 min Scan# 3705
 Delta R.T. 0.00 min
 Lab File: BE089544.D
 Acq: 7 Feb 2015 3:33

Instrument :
 BNA_E
 ClientSampleId :
 MW2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.6	17.4
203	22.5	13.6	20.4#

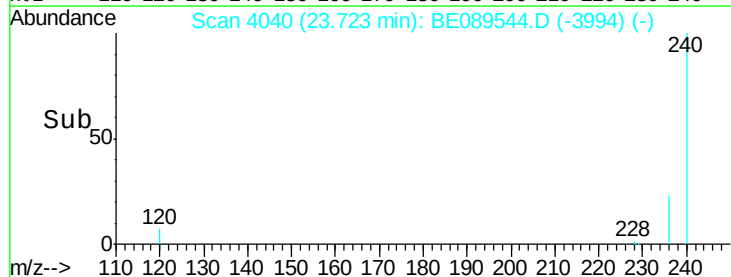
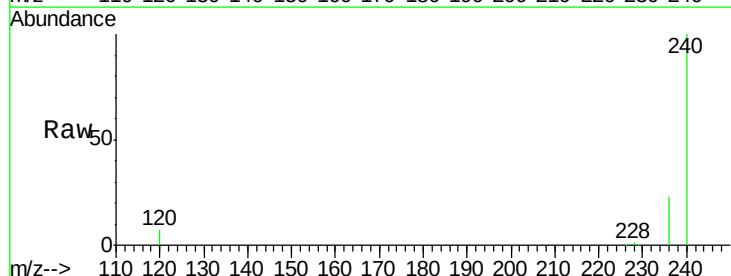
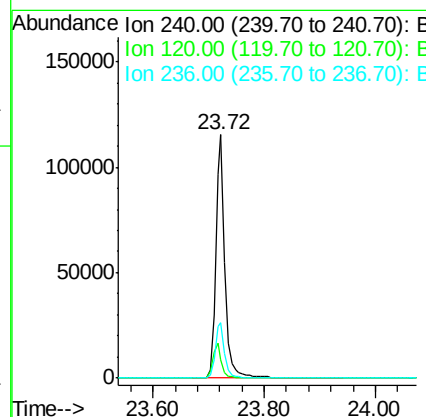
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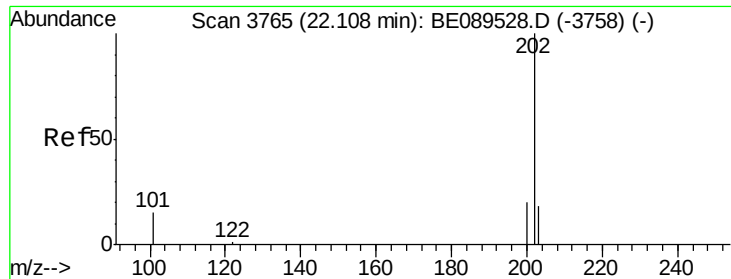
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#16
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.72 min Scan# 4040
 Delta R.T. -0.00 min
 Lab File: BE089544.D
 Acq: 7 Feb 2015 3:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.2	10.8
236	22.9	18.5	27.7





#17

Pyrene

Concen: 0.01 ng

RT: 22.10 min Scan# 3764

Delta R.T. -0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Instrument :

BNA_E

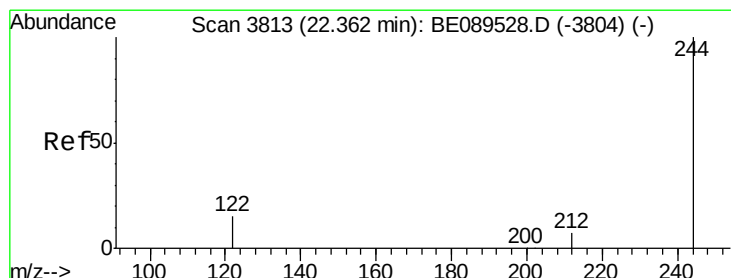
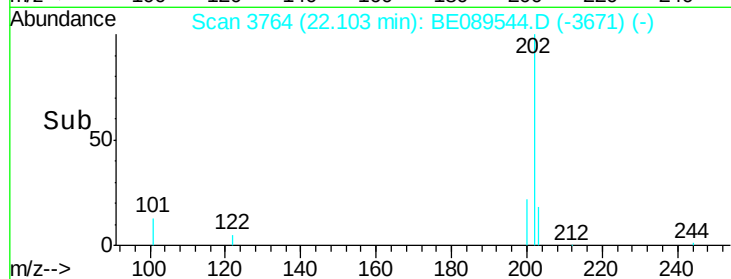
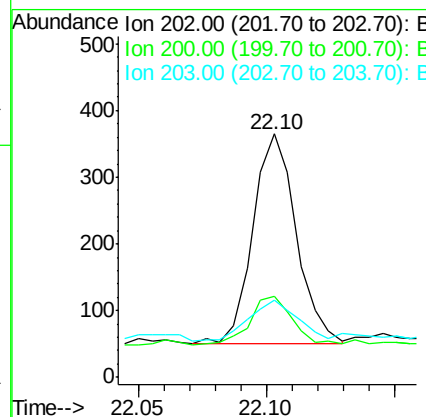
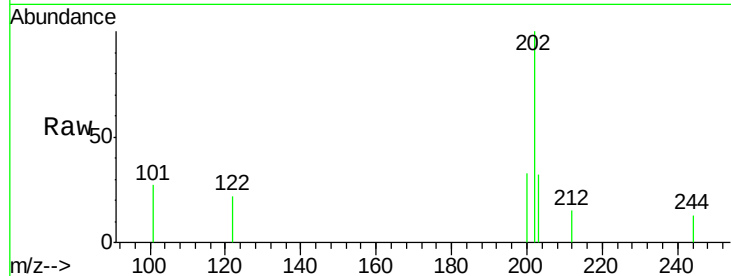
ClientSampled :

MW2

Tgt Ion:	202	Resp:	370
Ion Ratio	Lower	Upper	
202	100		
200	23.5	16.3	24.5
203	21.4	13.5	20.3#

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#18

Terphenyl-d14

Concen: 9.44 ng

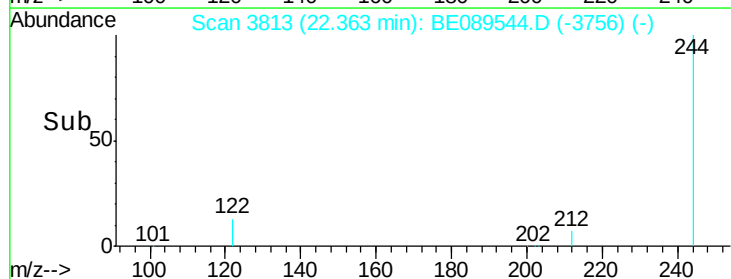
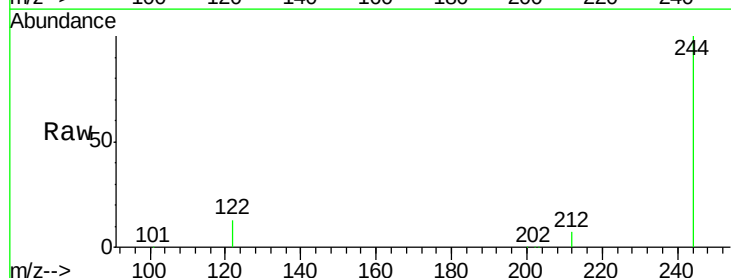
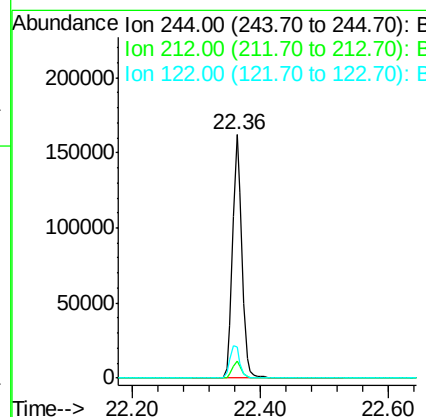
RT: 22.36 min Scan# 3813

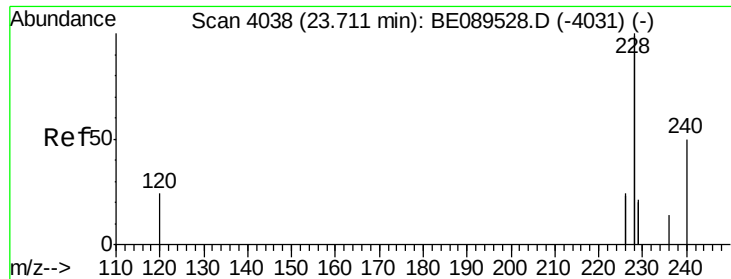
Delta R.T. 0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Tgt Ion:	244	Resp:	162729
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.8	12.6	19.0





#19

Benzo(a)anthracene

Concen: 0.03 ng

RT: 23.71 min Scan# 4038

Delta R.T. -0.00 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Instrument :

BNA_E

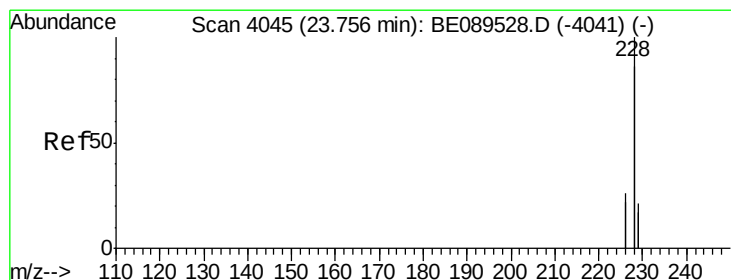
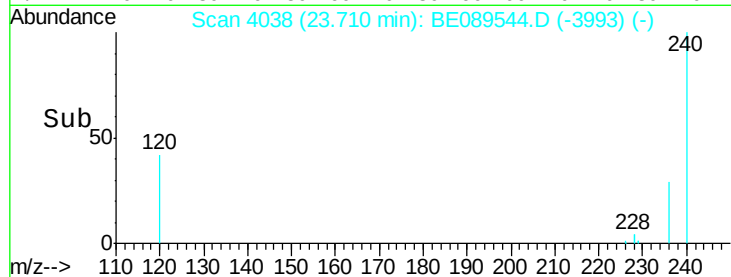
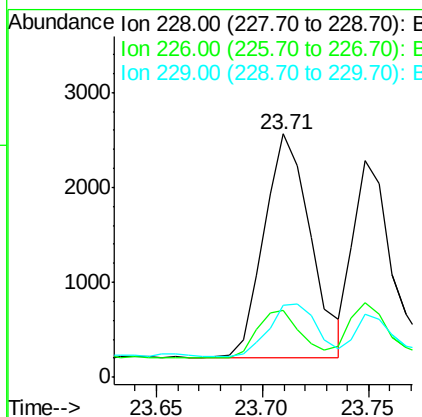
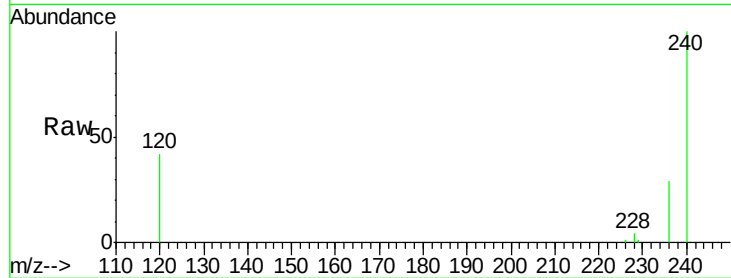
ClientSampleId :

MW2

Tgt Ion:	228	Resp:	3607
Ion Ratio	Lower	Upper	
228	100		
226	27.4	19.0	28.4
229	29.9	16.8	25.2#

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#20

Chrysene

Concen: 0.02 ng

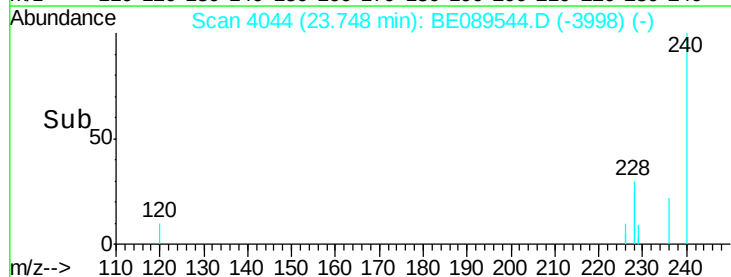
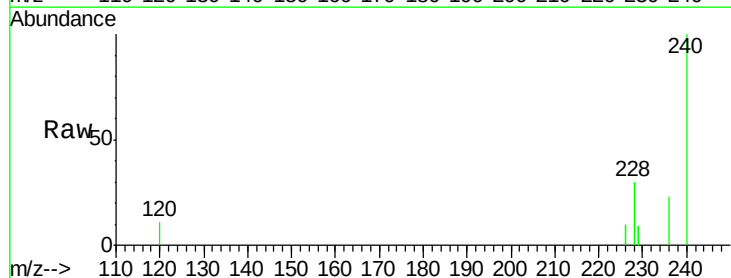
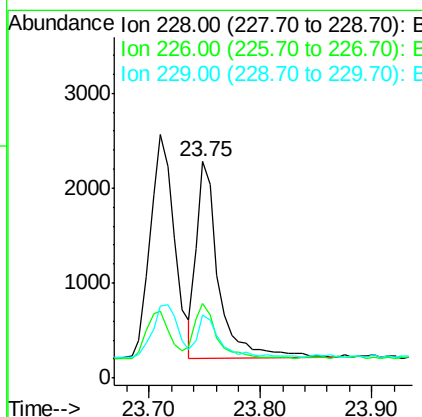
RT: 23.75 min Scan# 4044

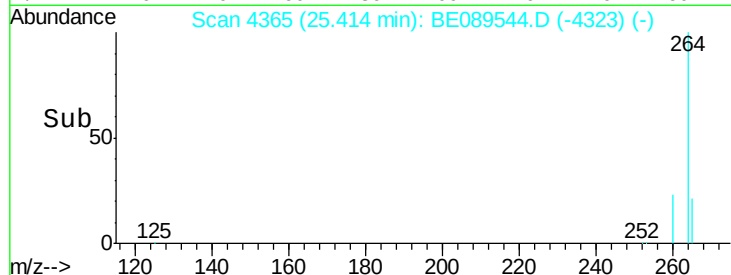
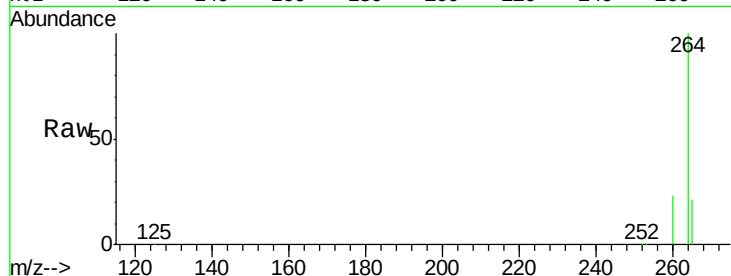
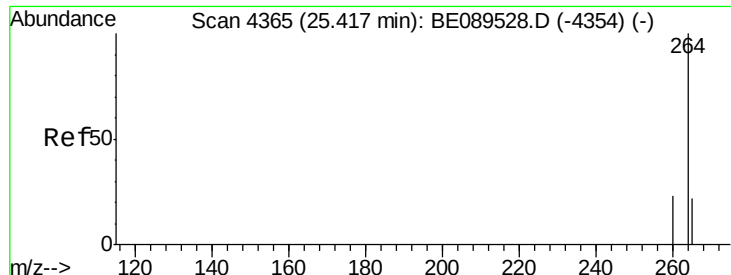
Delta R.T. -0.01 min

Lab File: BE089544.D

Acq: 7 Feb 2015 3:33

Tgt Ion:	228	Resp:	2849
Ion Ratio	Lower	Upper	
228	100		
226	34.4	21.0	31.4#
229	29.3	16.7	25.1#





#22
Perylene-d12
Concen: 5.00 ng
RT: 25.41 min Scan# 4365
Delta R.T. -0.00 min
Lab File: BE089544.D
Acq: 7 Feb 2015 3:33

Instrument :
BNA_E
ClientSampleId :
MW2

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.3	18.7	28.1		
265	21.5	17.5	26.3		

Manual Integrations
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