

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
 Data File : BE089521.D
 Acq On : 6 Feb 2015 4:10
 Operator : TP/IZ
 Sample : G1210-11
 Misc : 4 TIME INT STD
 ALS Vial : 20 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-02-02

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Quant Time: Feb 06 13:24:07 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	128523	5.00	ng	0.00
2) Naphthalene-d8	12.40	136	558318	5.00	ng	0.00
6) Acenaphthene-d10	16.59	164	263291	5.00	ng	0.00
11) Phenanthrene-d10	19.91	188	510909	5.00	ng	0.00
16) Chrysene-d12	23.77	240	543124	5.00	ng	0.00
22) Perylene-d12	25.46	264	523618	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	10.76	82	83218	7.82	ng	0.00
7) 2-Fluorobiphenyl	15.03	172	158205	7.63	ng	0.00
18) Terphenyl-d14	22.41	244	209157	8.85	ng	0.00
Target Compounds						Ovalue
4) Naphthalene	12.45	128	1056	0.03	ng	# 88
13) Phenanthrene	19.94	178	1251m	0.03	ng	
15) Fluoranthene	21.83	202	763	0.25	ng	# 85
19) Benzo(a)anthracene	23.76	228	7968	0.19	ng	# 74
20) Chrysene	23.79	228	2567	0.06	ng	# 87

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

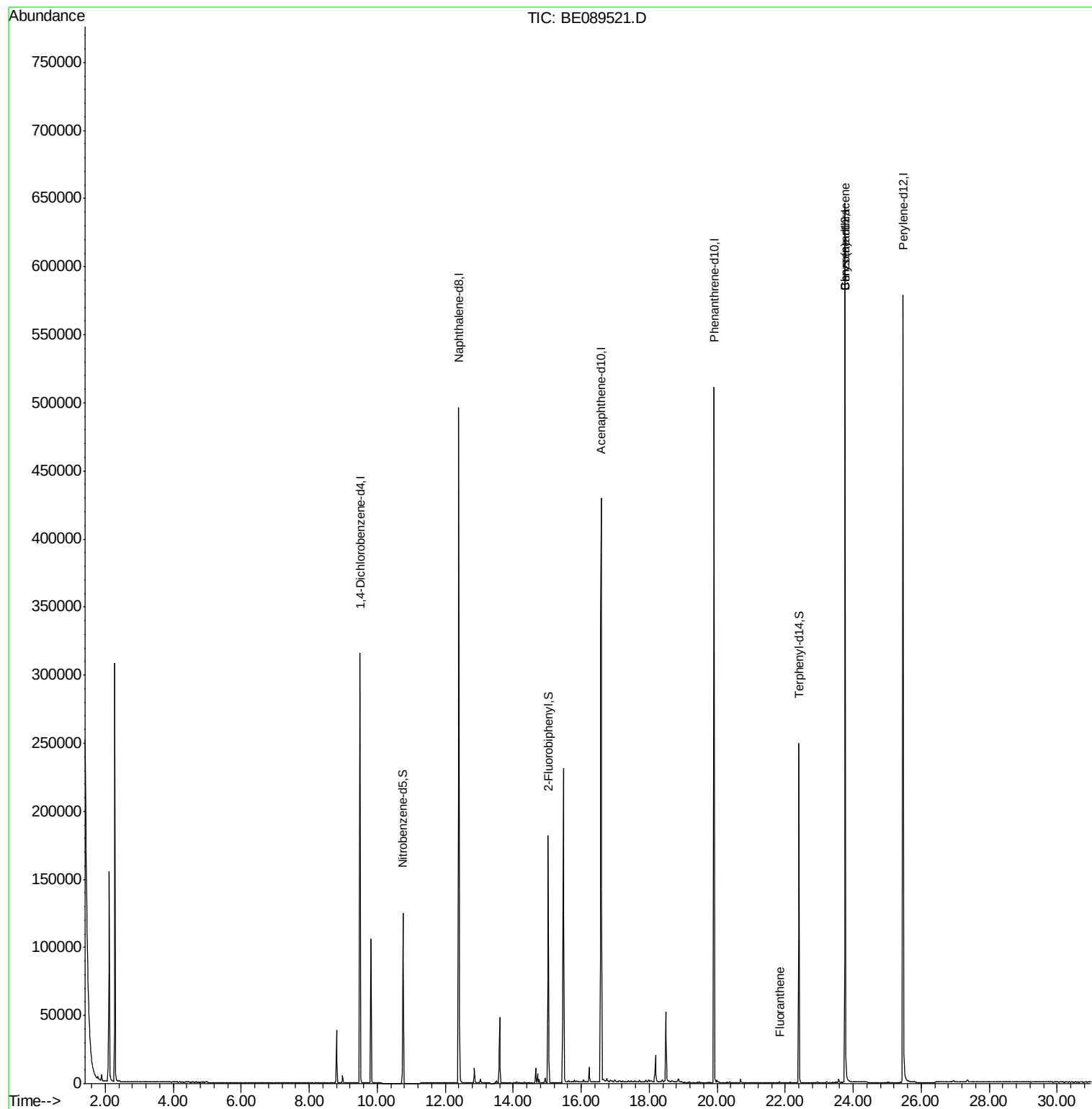
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020515\
Data File : BE089521.D
Acq On : 6 Feb 2015 4:10
Operator : TP/IZ
Sample : G1210-11
Misc : 4 TIME INT STD
ALS Vial : 20 Sample Multiplier: 4

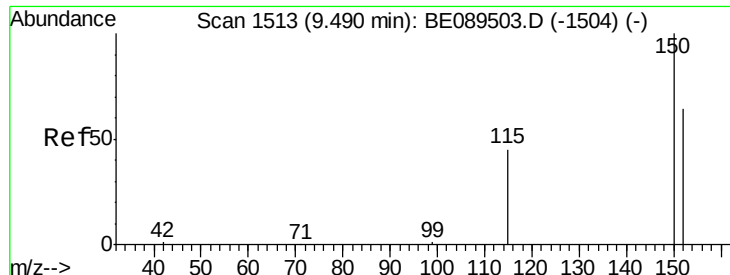
Instrument :
BNA_E
ClientSampleId :
EB-2015-02-02

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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: BE089521.D

Acq: 6 Feb 2015 4:10

Instrument :

BNA_E

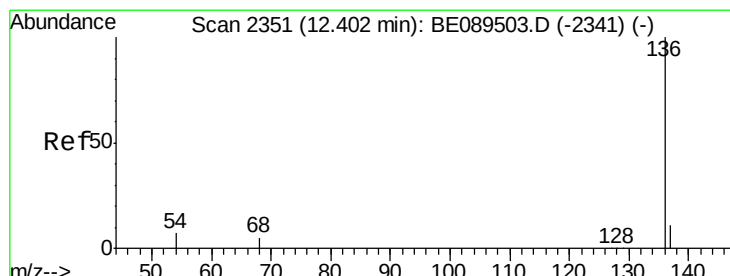
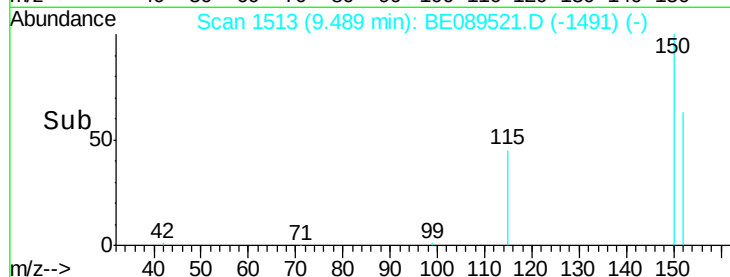
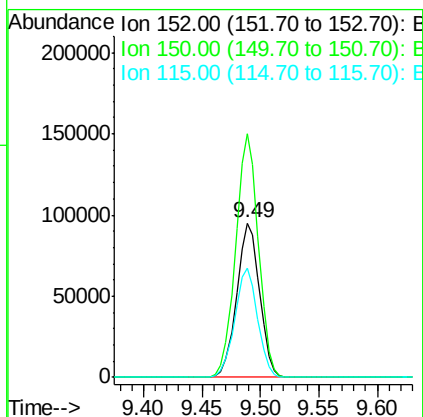
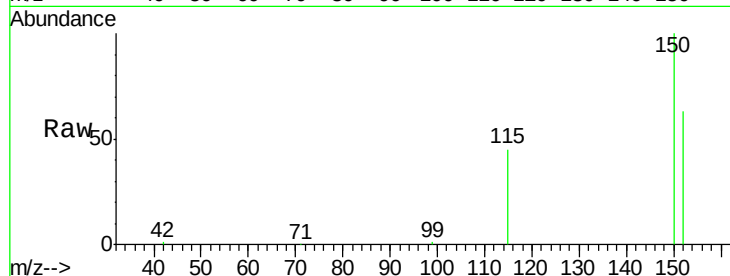
ClientSampleId :

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Tot Ion:	152	Resp:	128523
Ion Ratio	Lower	Upper	
152	100		
150	157.6	125.0	187.6
115	71.1	56.6	85.0

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#2

Naphthalene-d8

Concen: 5.00 ng

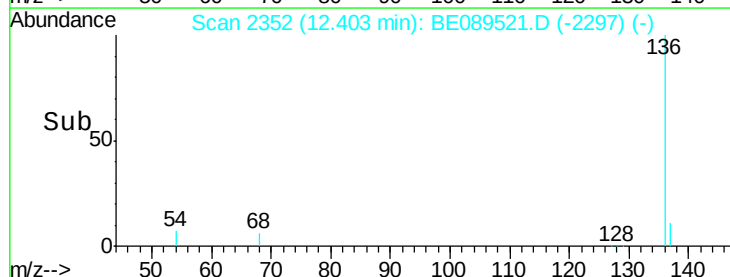
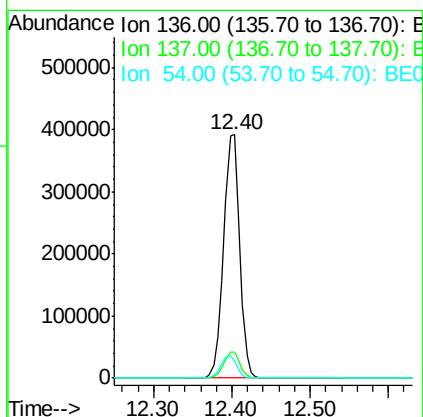
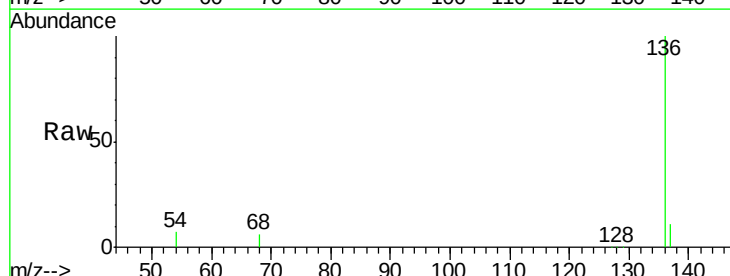
RT: 12.40 min Scan# 2352

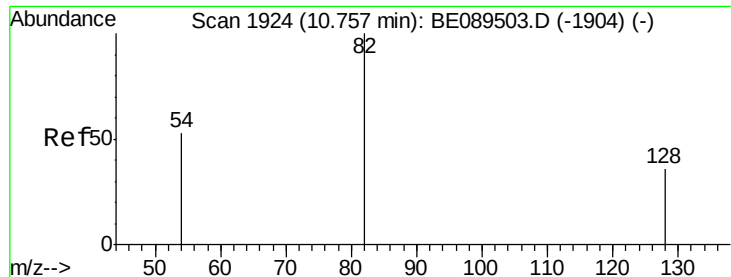
Delta R.T. 0.00 min

Lab File: BE089521.D

Acq: 6 Feb 2015 4:10

Tgt Ion:	136	Resp:	558318
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	7.1	6.0	9.0





#3

Nitrobenzene-d5

Concen: 7.82 ng

RT: 10.76 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BE089521.D

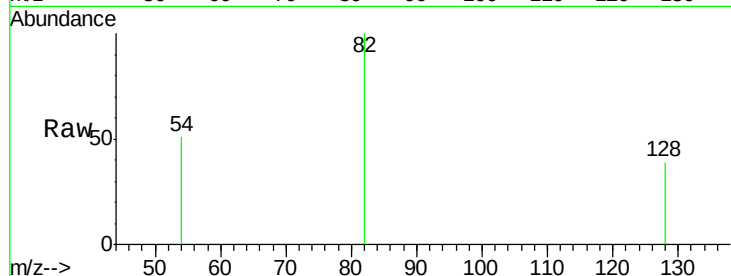
Acq: 6 Feb 2015 4:10

Instrument :

BNA_E

ClientSampleId :

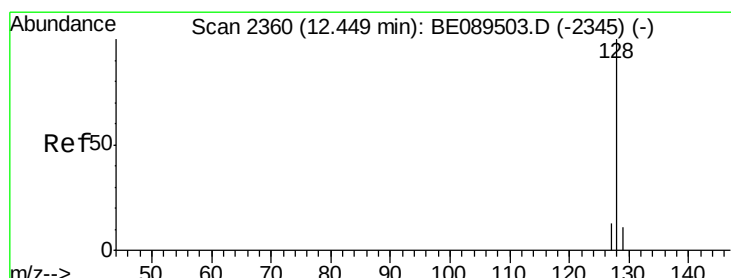
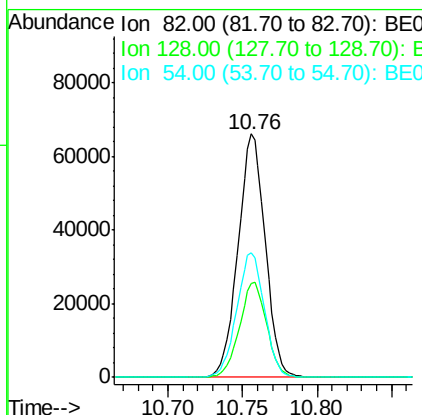
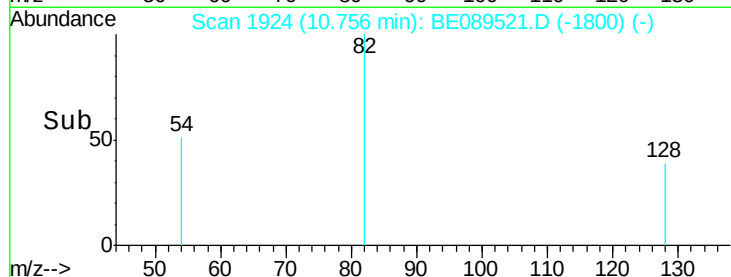
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Tot Ion	82	Resp	83218
Ion Ratio	Lower	Upper	
82	100		
128	38.7	29.3	43.9
54	51.3	42.6	64.0

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#4

Naphthalene

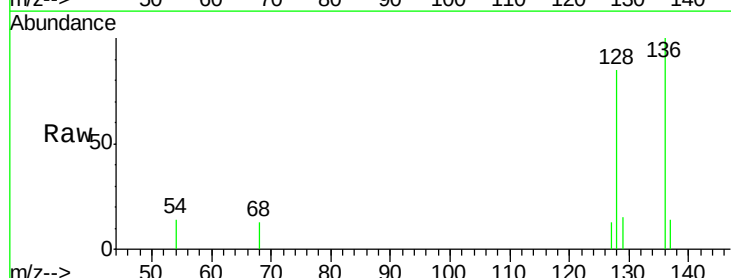
Concen: 0.03 ng

RT: 12.45 min Scan# 2360

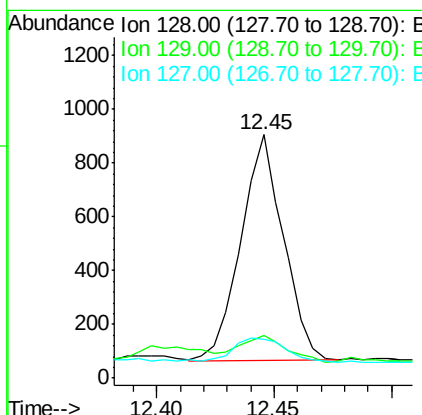
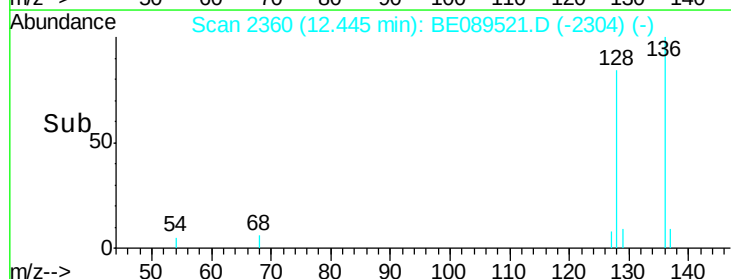
Delta R.T. -0.00 min

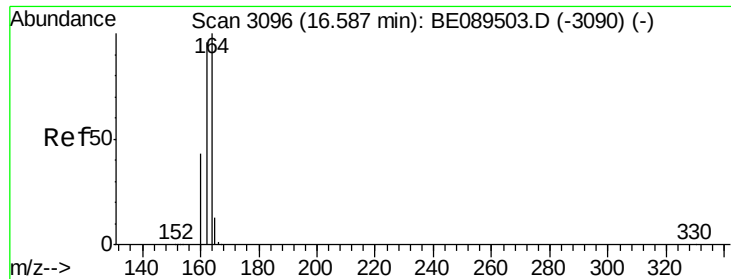
Lab File: BE089521.D

Acq: 6 Feb 2015 4:10



Tgt Ion	128	Resp	1056
Ion Ratio	Lower	Upper	
128	100		
129	17.7	8.8	13.2#
127	15.8	10.3	15.5#





#6

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.59 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BE089521.D

Acq: 6 Feb 2015 4:10

Instrument :

BNA_E

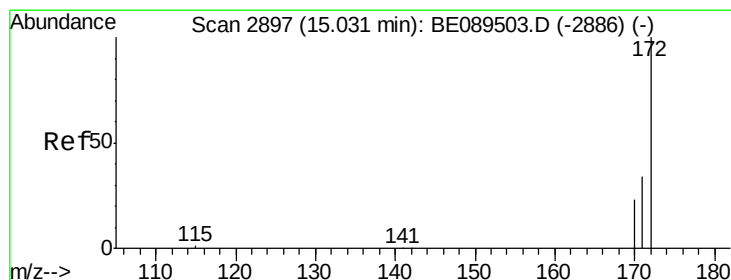
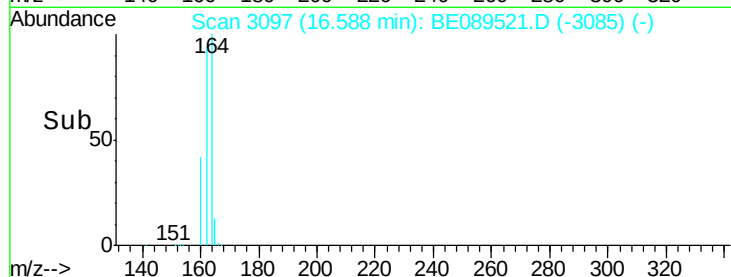
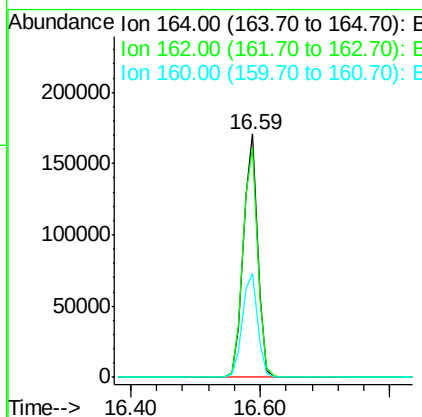
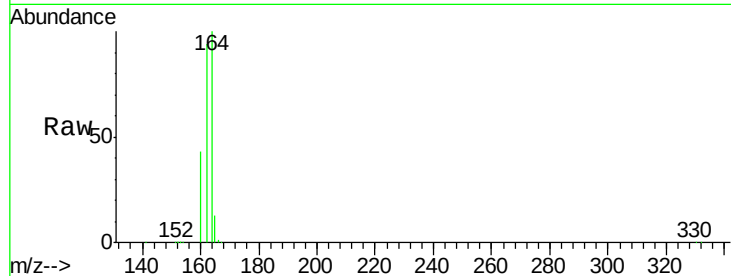
ClientSampleId :

EB-2015-02-02

Tot Ion:	164	Resp:	263291
Ion Ratio	Lower	Upper	
164	100		
162	94.5	76.6	115.0
160	42.5	34.6	52.0

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#7

2-Fluorobiphenyl

Concen: 7.63 ng

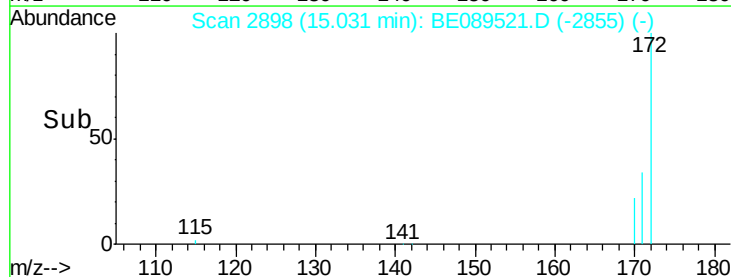
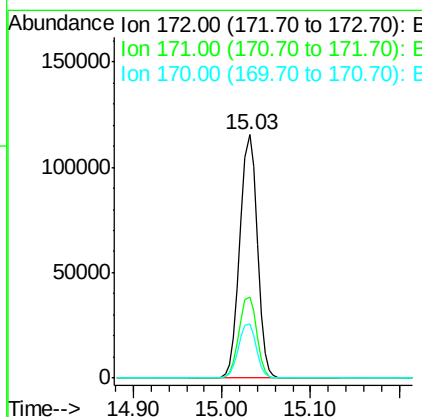
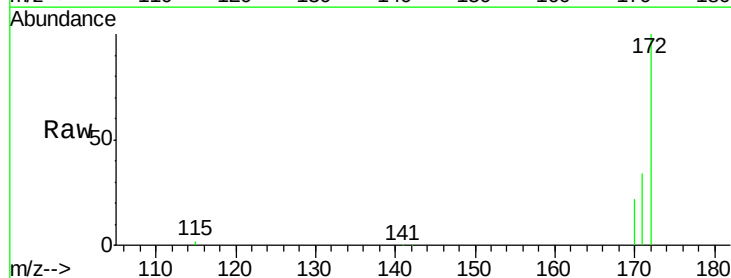
RT: 15.03 min Scan# 2898

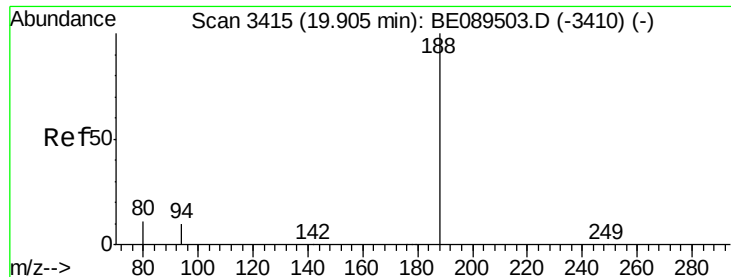
Delta R.T. 0.00 min

Lab File: BE089521.D

Acq: 6 Feb 2015 4:10

Tgt Ion:	172	Resp:	158205
Ion Ratio	Lower	Upper	
172	100		
171	33.6	27.4	41.0
170	22.2	18.4	27.6





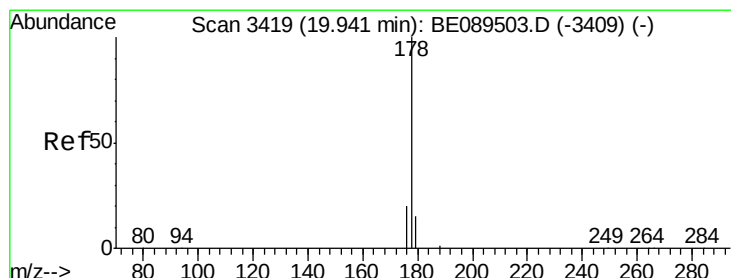
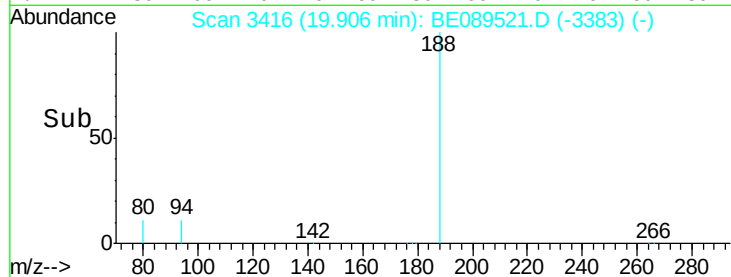
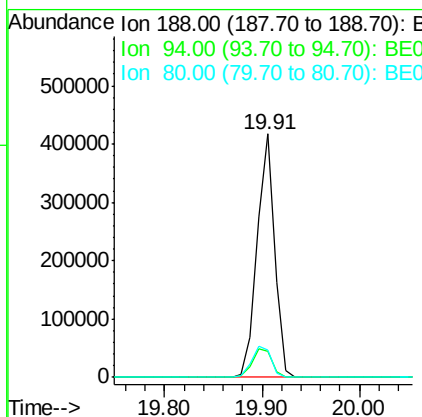
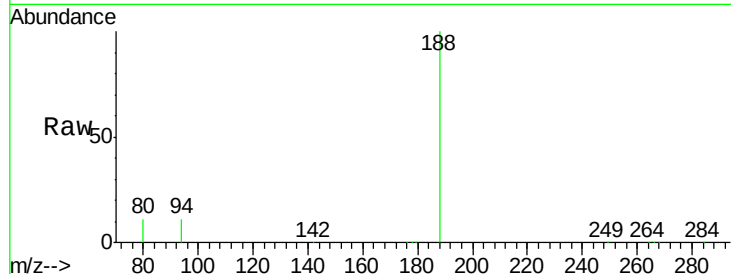
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.91 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BE089521.D
Acq: 6 Feb 2015 4:10

Instrument :
BNA_E
ClientSampleId :
EB-2015-02-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.2	12.4
80	11.1	8.7	13.1

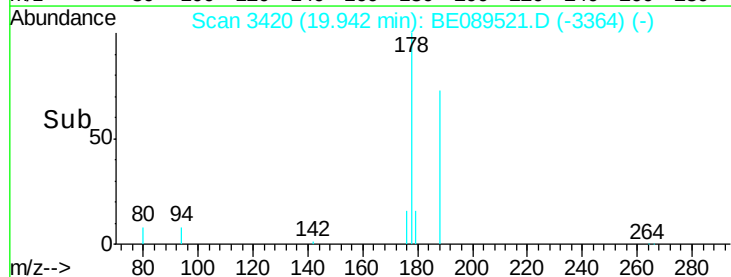
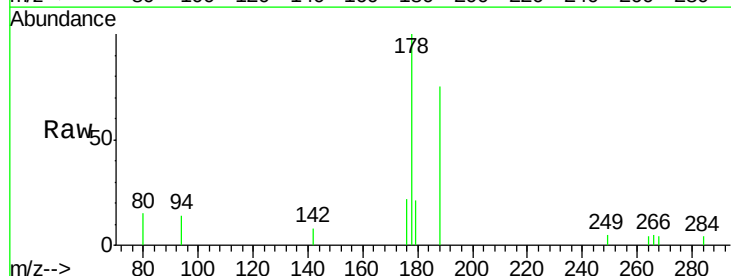
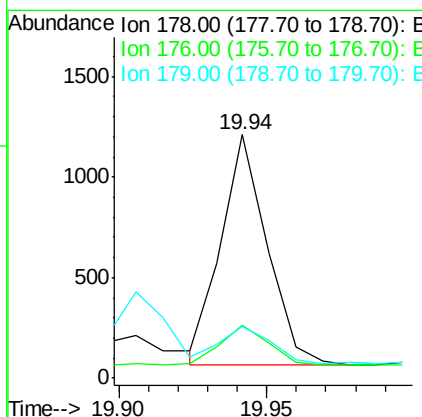
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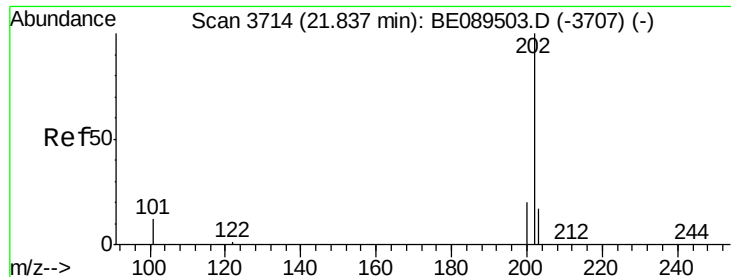
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#13
Phenanthrene
Concen: 0.03 ng m
RT: 19.94 min Scan# 3420
Delta R.T. 0.00 min
Lab File: BE089521.D
Acq: 6 Feb 2015 4:10

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	22.0	15.4	23.0
179	18.5	12.4	18.6





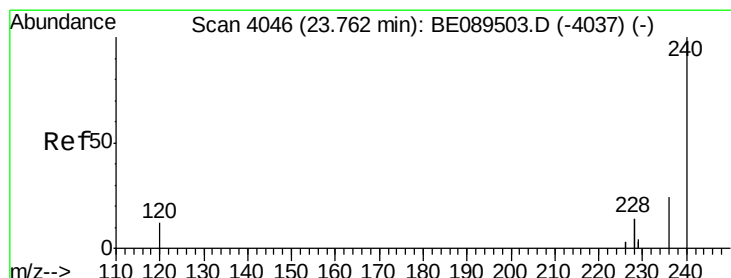
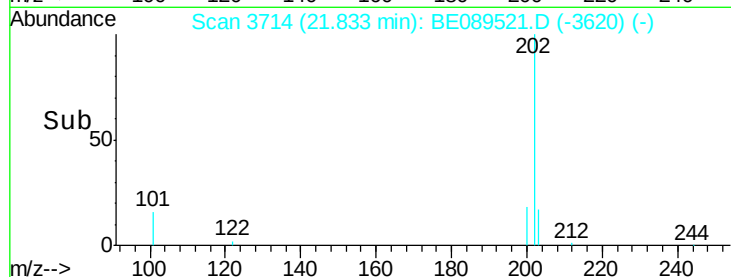
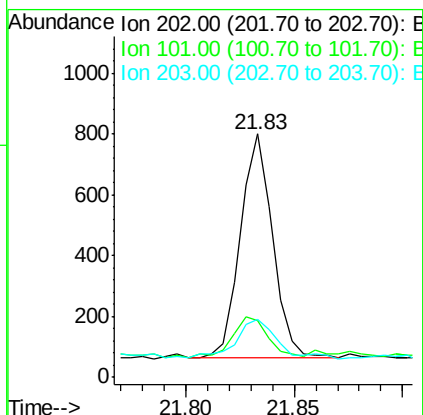
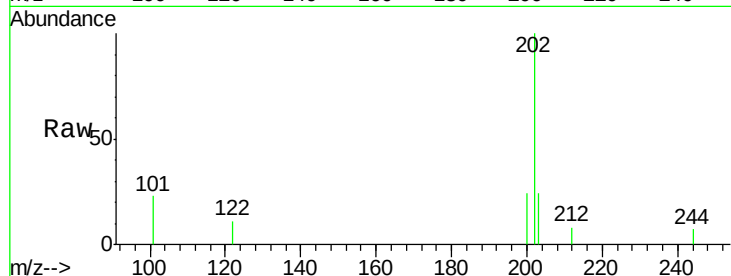
#15
 Fluoranthene
 Concen: 0.25 ng
 RT: 21.83 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BE089521.D
 Acq: 6 Feb 2015 4:10

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	20.7	11.3	16.9#
203	23.5	13.8	20.6#

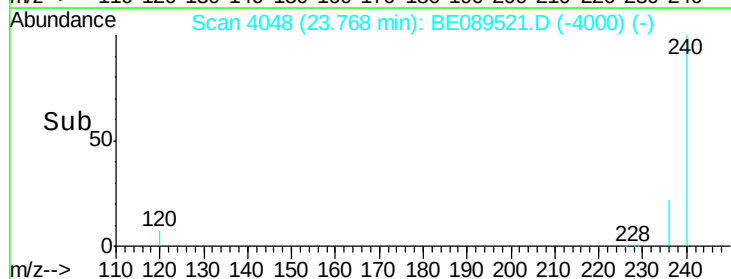
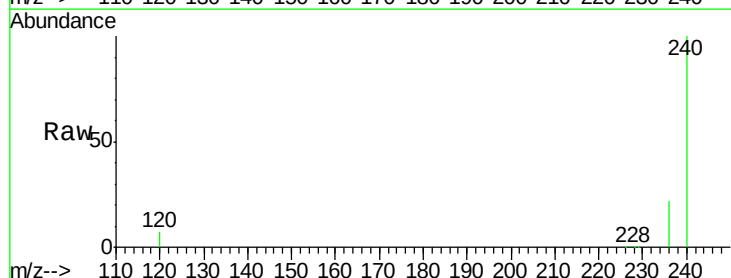
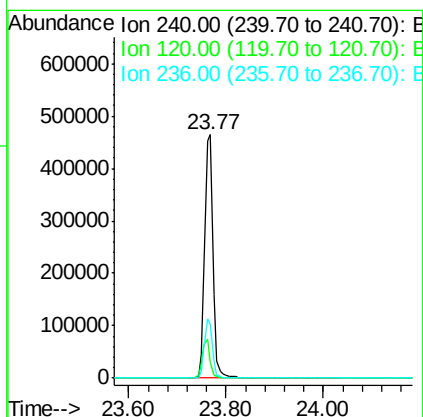
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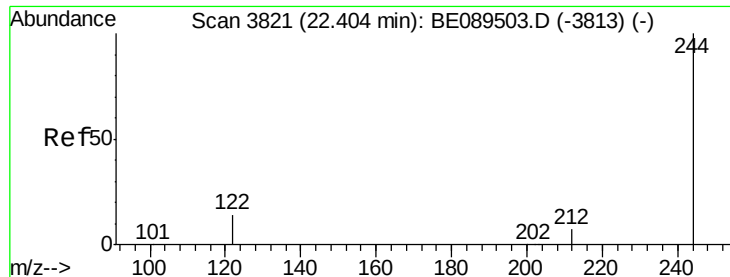
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#16
 Chrysene-d12
 Concen: 5.00 ng
 RT: 23.77 min Scan# 4048
 Delta R.T. 0.01 min
 Lab File: BE089521.D
 Acq: 6 Feb 2015 4:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	9.6	14.4#
236	22.5	19.4	29.2





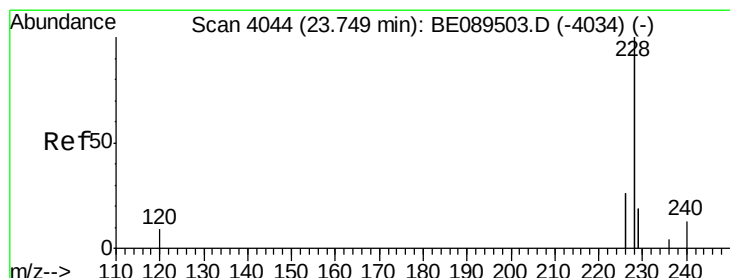
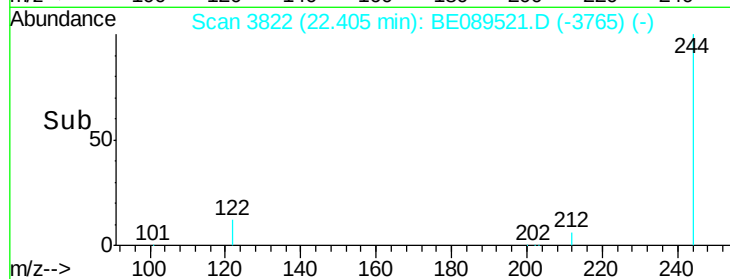
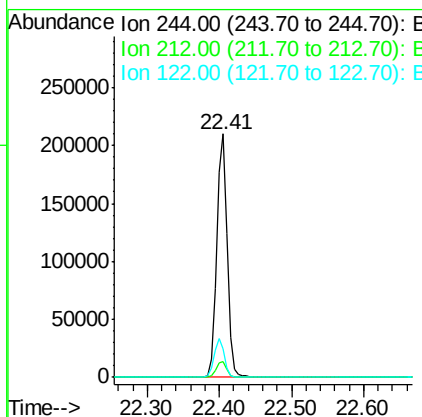
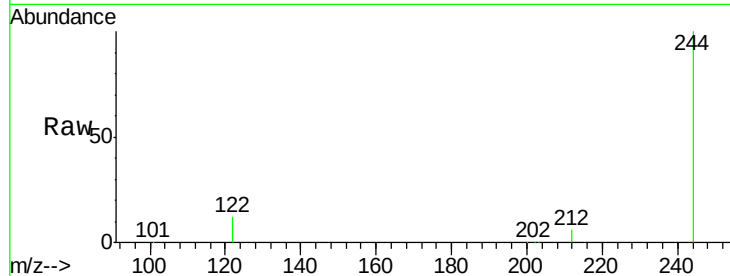
#18
 Terphenyl-d14
 Concen: 8.85 ng
 RT: 22.41 min Scan# 3822
 Delta R.T. 0.00 min
 Lab File: BE089521.D
 Acq: 6 Feb 2015 4:10

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-02-02

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.7	11.1	16.7

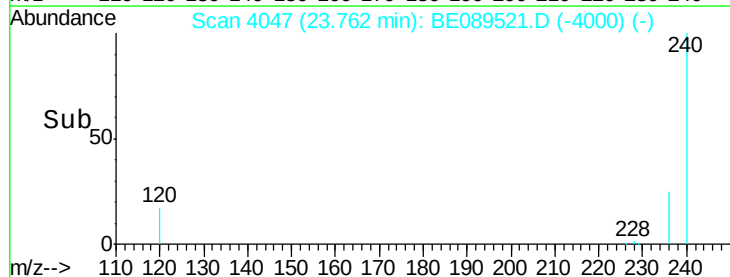
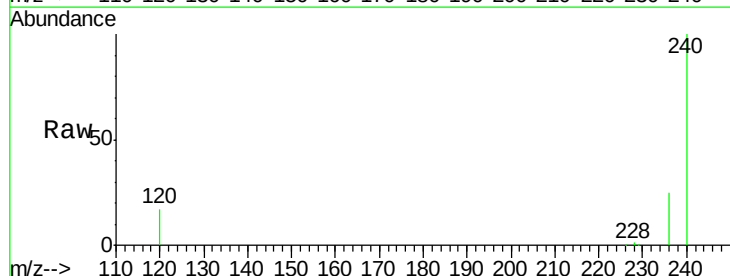
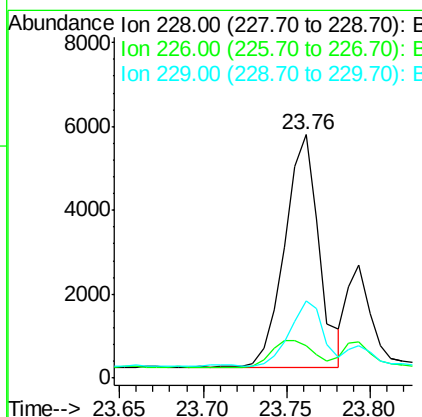
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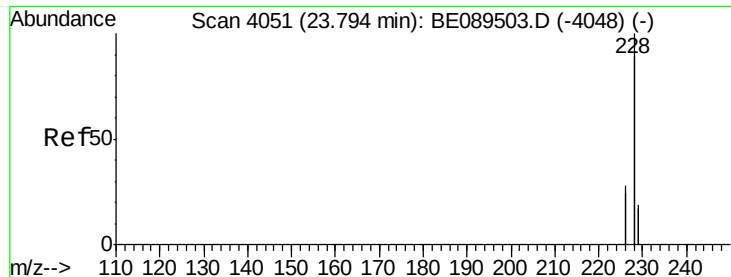
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#19
 Benzo(a)anthracene
 Concen: 0.19 ng
 RT: 23.76 min Scan# 4047
 Delta R.T. 0.01 min
 Lab File: BE089521.D
 Acq: 6 Feb 2015 4:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	13.5	21.0	31.6#
229	32.0	15.5	23.3#





#20

Chrysene

Concen: 0.06 ng

RT: 23.79 min Scan# 4052

Delta R.T. 0.00 min

Lab File: BE089521.D

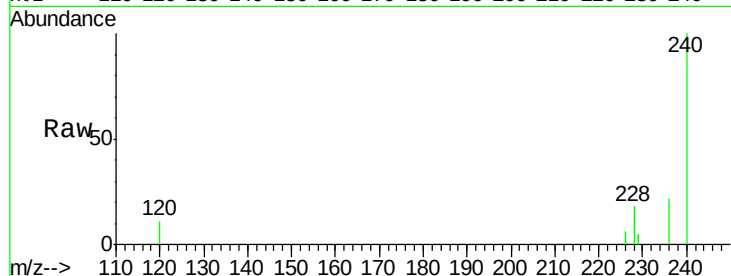
Acq: 6 Feb 2015 4:10

Instrument :

BNA_E

ClientSampleId :

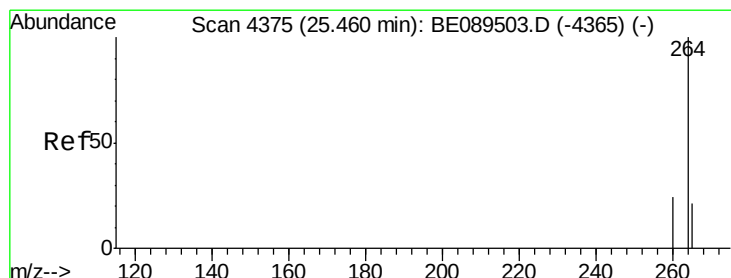
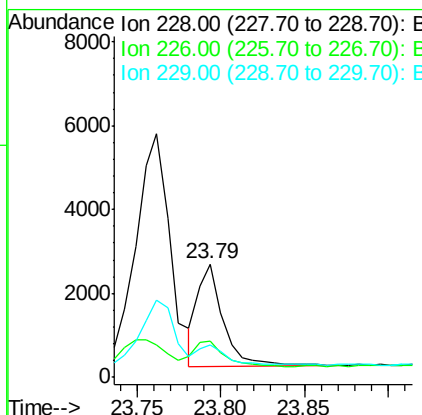
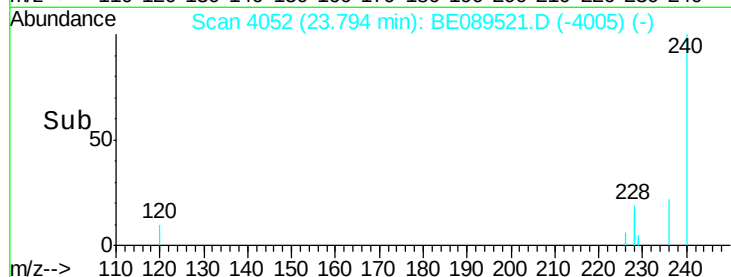
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Tot Ion:	228	Resp:	2567
Ion Ratio	Lower	Upper	
228	100		
226	31.9	22.3	33.5
229	28.8	15.4	23.0

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#22

Perylene-d12

Concen: 5.00 ng

RT: 25.46 min Scan# 4377

Delta R.T. 0.00 min

Lab File: BE089521.D

Acq: 6 Feb 2015 4:10

Tgt Ion:	264	Resp:	523618
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	21.7	17.0	25.6

