

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
 Data File : BE090005.D
 Acq On : 30 Jun 2015 6:31
 Operator : TP/IZ
 Sample : G2810-23
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0530204-150625

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Quant Time: Jun 30 09:01:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	21631	5.00	ng	0.00
6) Naphthalene-d8	10.39	136	102115	5.00	ng	0.00
12) Acenaphthene-d10	14.24	164	61232	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	140931	5.00	ng	0.00
25) Chrysene-d12	21.13	240	155004	5.00	ng	0.00
32) Perylene-d12	23.46	264	154117	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.26	112	44594	8.97	ng	0.00
5) Phenol-d6	6.81	99	69947	10.06	ng	0.00
7) Nitrobenzene-d5	8.76	82	41074	5.06	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	21995	12.26	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	87349	4.75	ng	0.00
27) Terphenyl-d14	19.59	244	134344	5.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.43	128	3386	0.15	ng	# 92
11) 2-Methylnaphthalene	12.05	142	1929	0.13	ng	95
15) Acenaphthylene	13.95	152	9704	0.09	ng	100
16) Acenaphthene	14.30	154	1337	0.08	ng	98
17) Fluorene	15.29	166	1605	0.07	ng	# 96
22) Phenanthrene	17.01	178	2104m	0.06	ng	
23) Anthracene	17.10	178	1615	0.05	ng	97
24) Fluoranthene	19.02	202	864	0.02	ng	# 76
30) Bis(2-ethylhexyl)phthalate	21.07	149	2555	0.44	ng	# 98

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

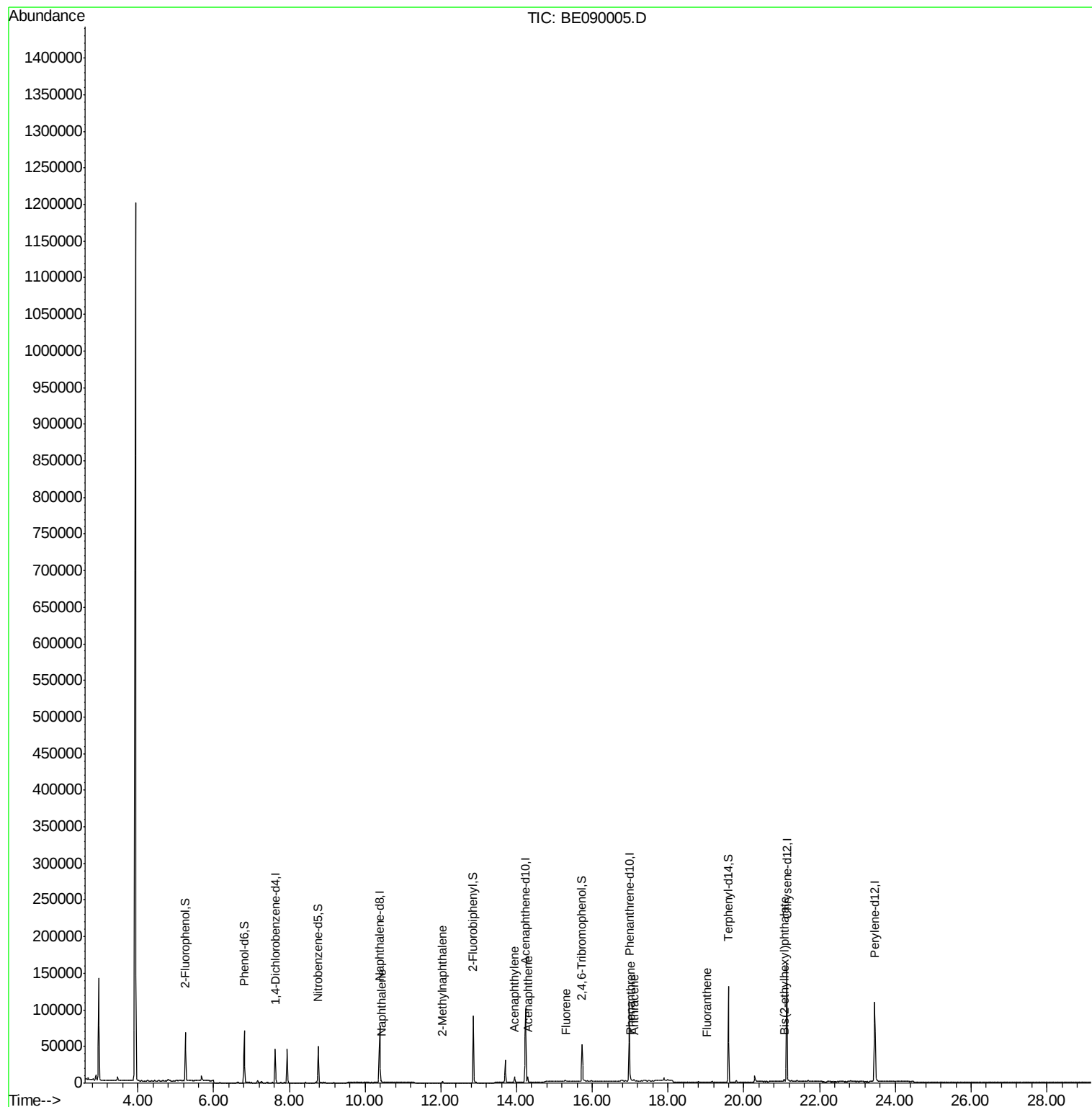
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090005.D
Acq On : 30 Jun 2015 6:31
Operator : TP/IZ
Sample : G2810-23
Misc :
ALS Vial : 23 Sample Multiplier: 1

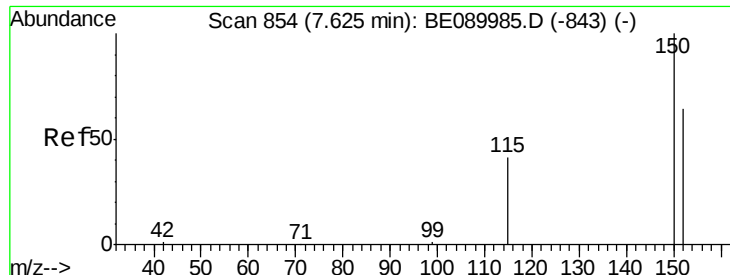
Instrument :
BNA_E
ClientSampleId :
X1SB0530204-150625

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Quant Time: Jun 30 09:01:39 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.63 min Scan# 855

Delta R.T. 0.00 min

Lab File: BE090005.D

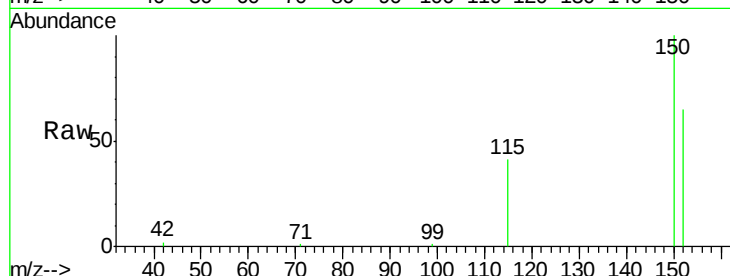
Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

ClientSampleId :

X1SB0530204-150625



Tgt Ion:152 Resp: 21631

Ion Ratio Lower Upper

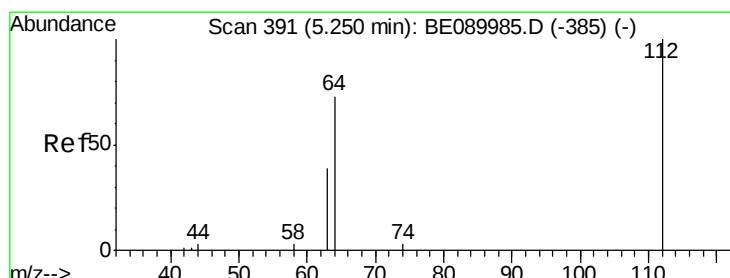
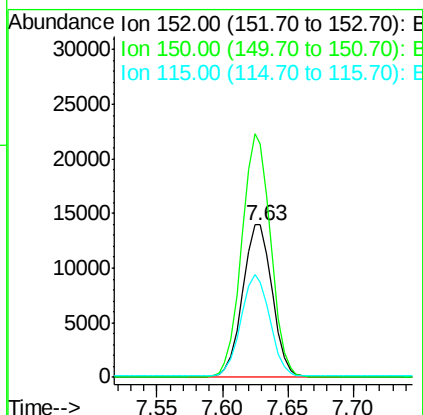
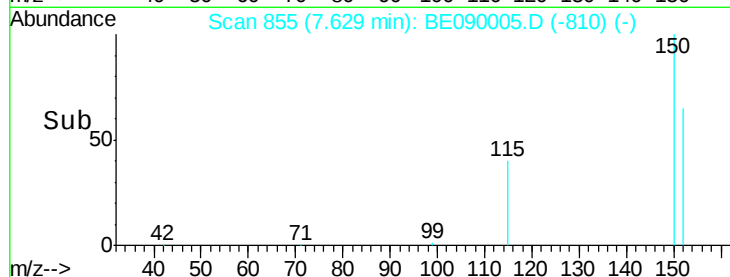
152 100

150 152.9 123.9 185.9

115 62.5 50.6 76.0

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#4

2-Fluorophenol

Concen: 8.97 ng

RT: 5.26 min Scan# 392

Delta R.T. 0.01 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

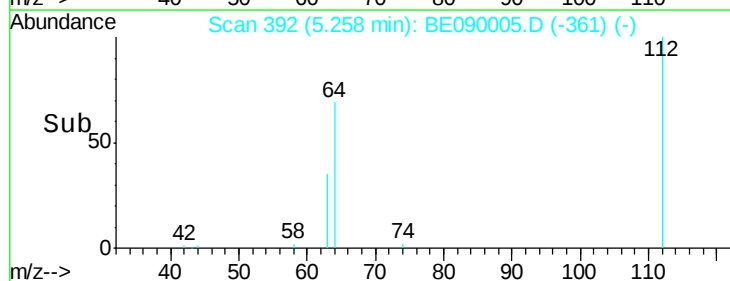
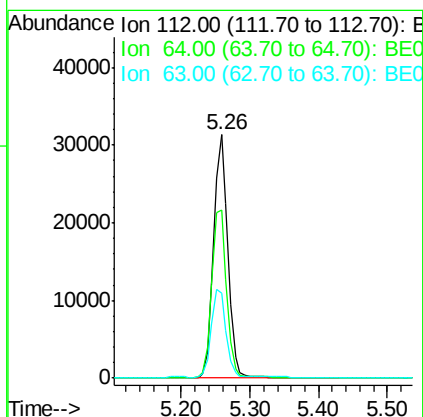
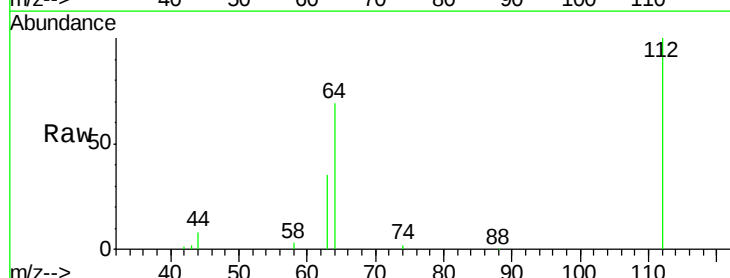
Tgt Ion:112 Resp: 44594

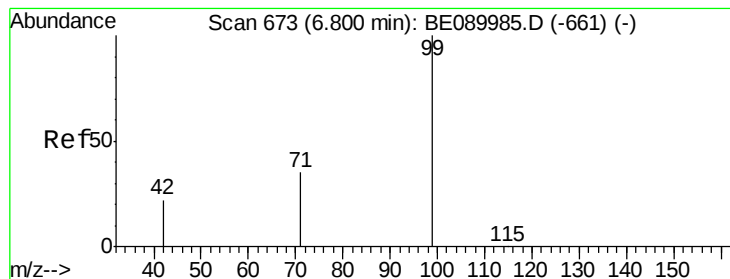
Ion Ratio Lower Upper

112 100

64 72.3 56.3 84.5

63 37.3 29.8 44.6





#5

Phenol-d6

Concen: 10.06 ng

RT: 6.81 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

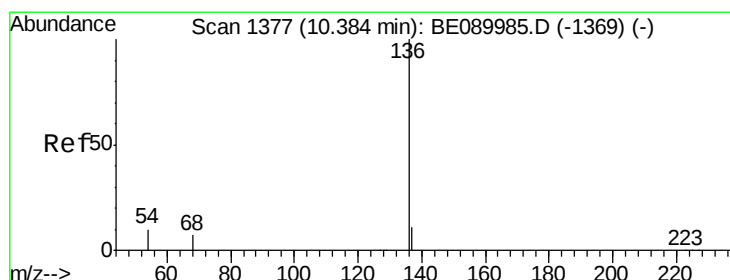
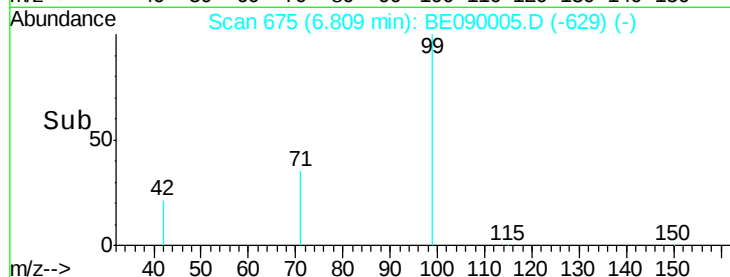
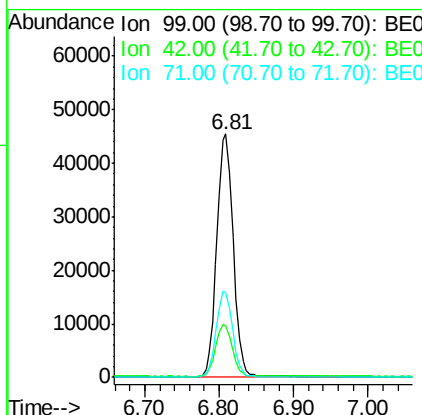
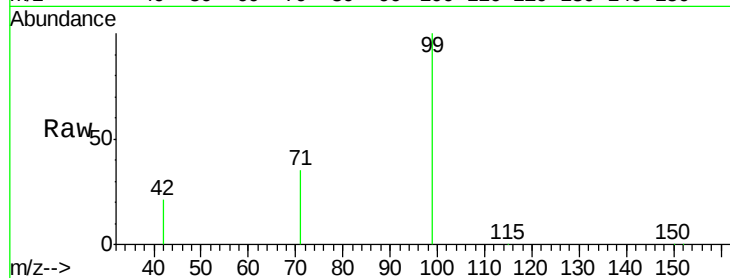
ClientSampleId :

X1SB0530204-150625

Tgt Ion:	99	Resp:	69947
Ion Ratio	Lower	Upper	
99	100		
42	21.5	18.7	28.1
71	34.9	27.5	41.3

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#6

Naphthalene-d8

Concen: 5.00 ng

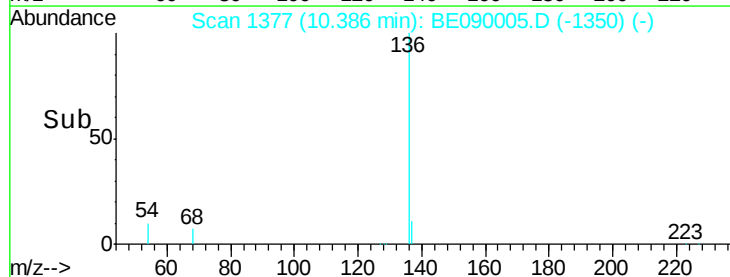
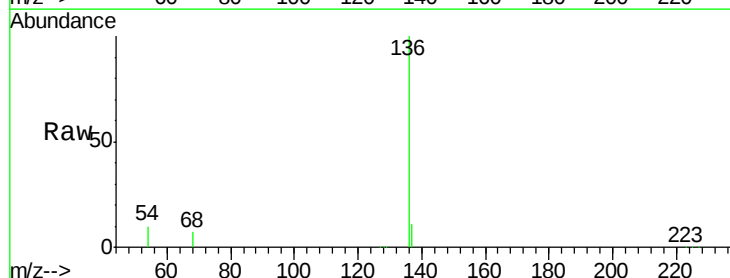
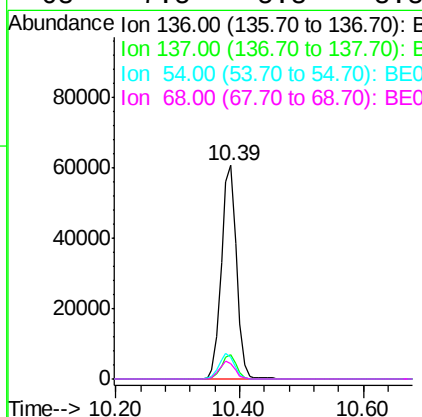
RT: 10.39 min Scan# 1377

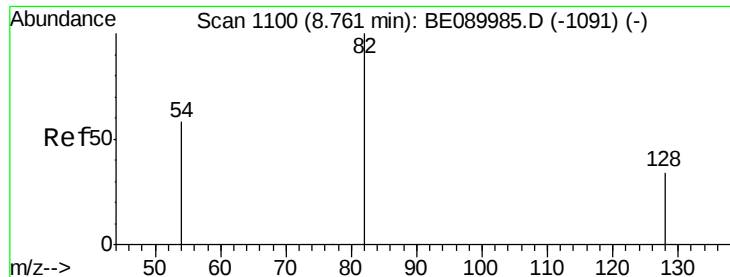
Delta R.T. 0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion:	136	Resp:	102115
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	10.3	8.2	12.4
68	7.5	5.8	8.8





#7

Nitrobenzene-d5

Concen: 5.06 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090005.D

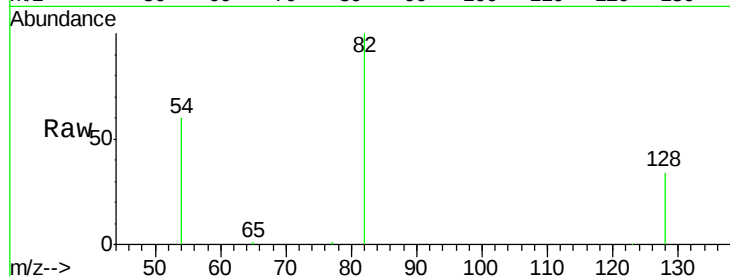
Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

ClientSampleId :

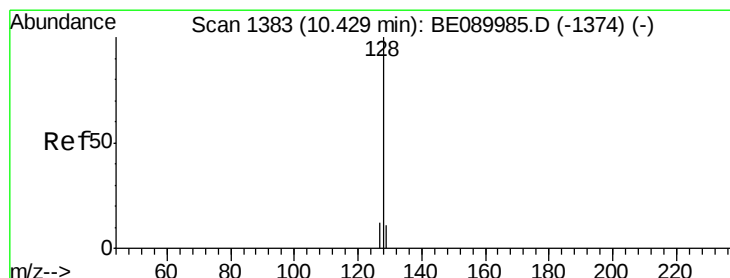
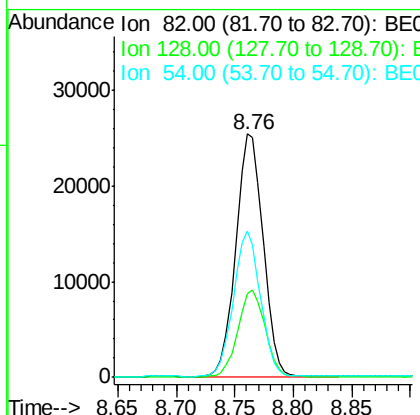
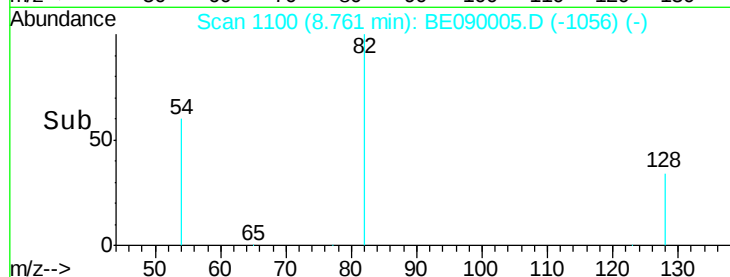
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Tgt Ion:	82	Resp:	41074
Ion Ratio	Lower	Upper	
82	100		
128	34.4	28.0	42.0
54	59.9	47.6	71.4

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#9

Naphthalene

Concen: 0.15 ng

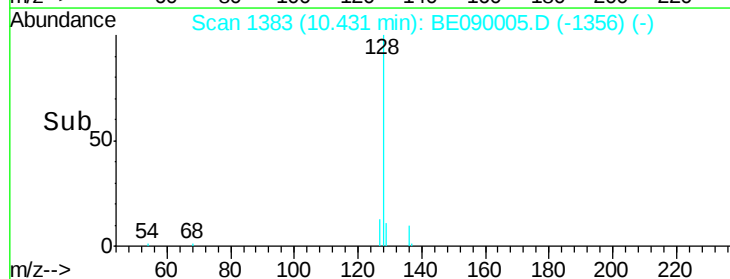
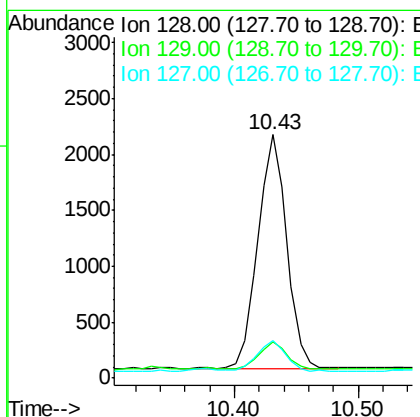
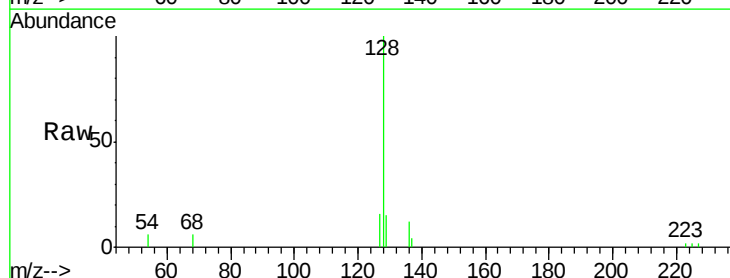
RT: 10.43 min Scan# 1383

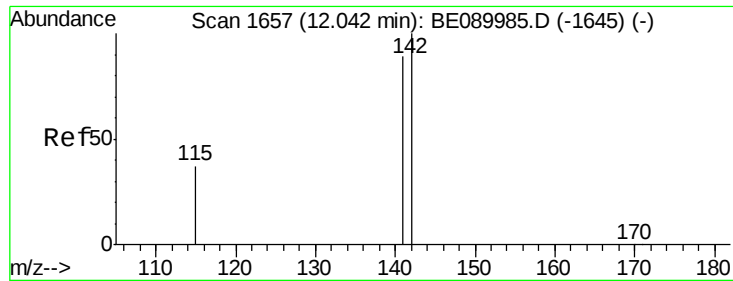
Delta R.T. 0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion:	128	Resp:	3386
Ion Ratio	Lower	Upper	
128	100		
129	15.0	9.3	13.9#
127	15.6	10.2	15.4#





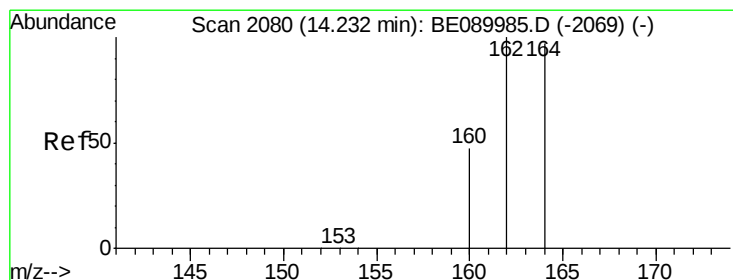
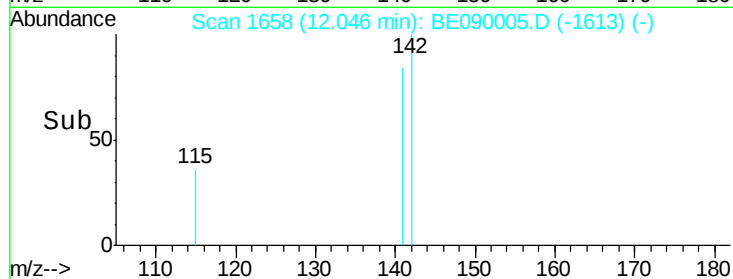
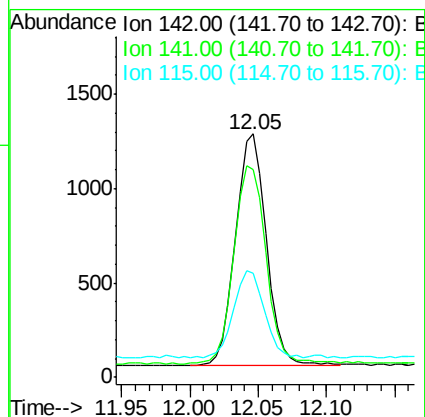
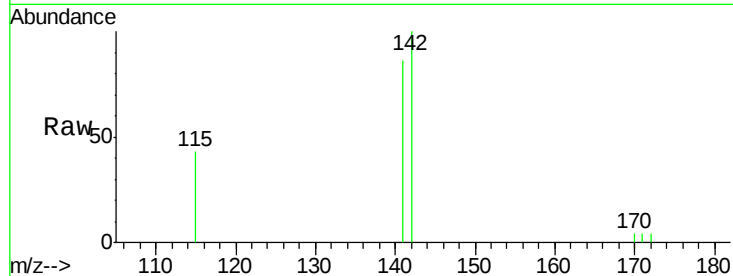
#11
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.05 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE090005.D
Acq: 30 Jun 2015 6:31

Instrument :
BNA_E
ClientSampleId :
X1SB0530204-150625

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.3	106.9
115	42.6	30.4	45.6

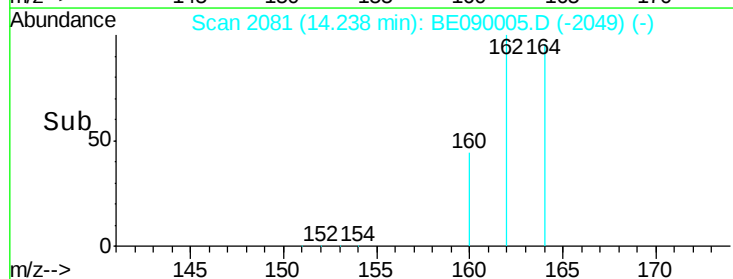
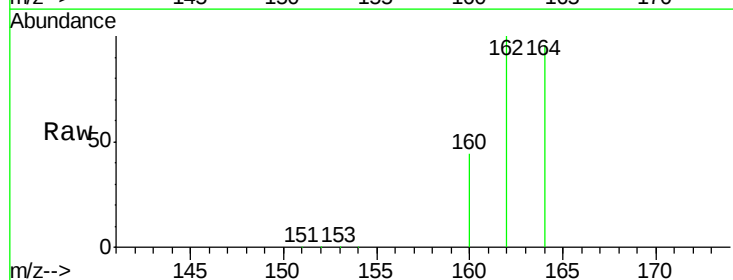
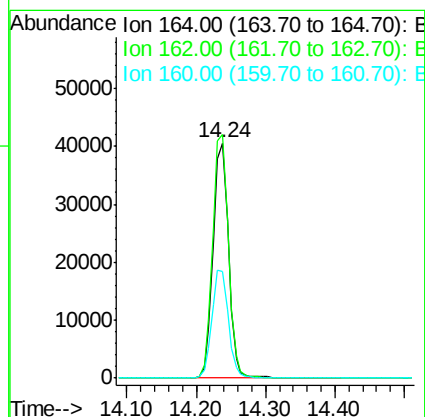
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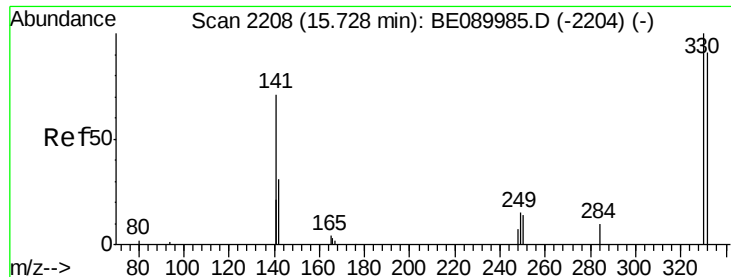
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#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BE090005.D
Acq: 30 Jun 2015 6:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.2	123.4
160	45.5	39.0	58.6





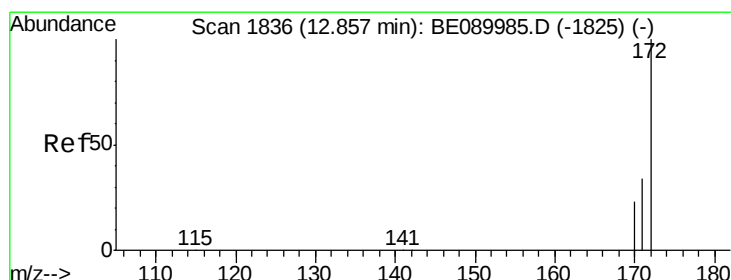
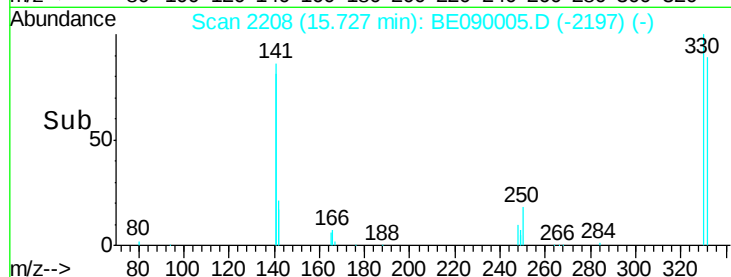
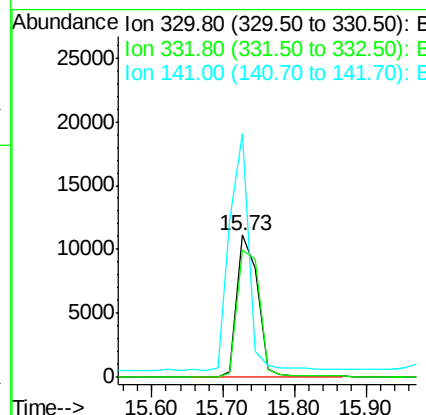
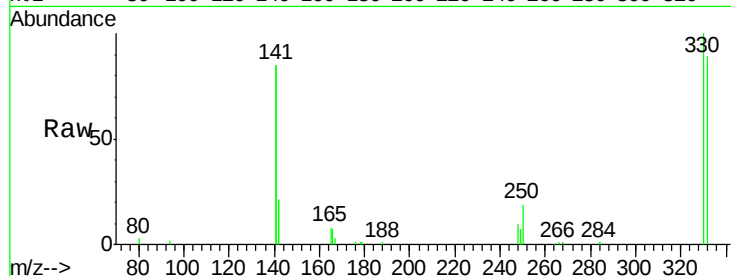
#13
 2,4,6-Tribromophenol
 Concen: 12.26 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE090005.D
 Acq: 30 Jun 2015 6:31

Instrument :
 BNA_E
 ClientSampleId :
 X1SB0530204-150625

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.4	114.6
141	155.5	130.3	195.5

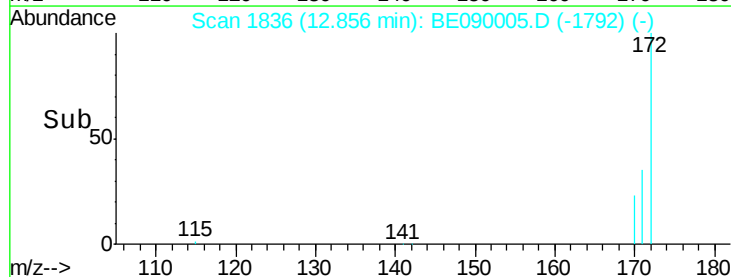
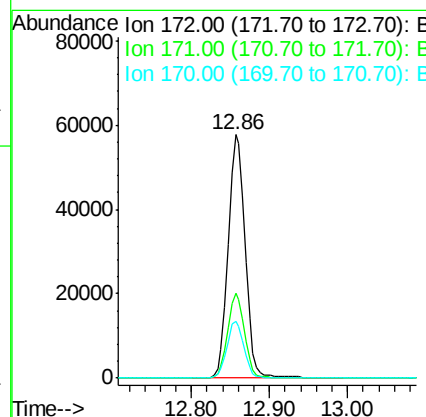
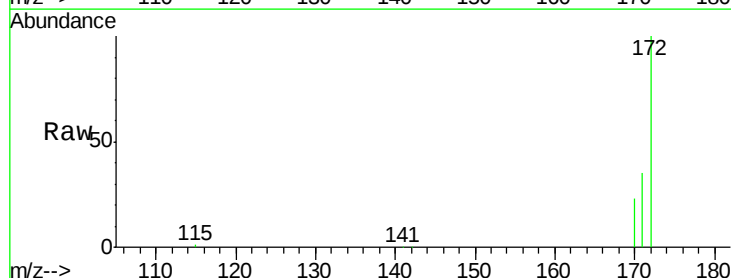
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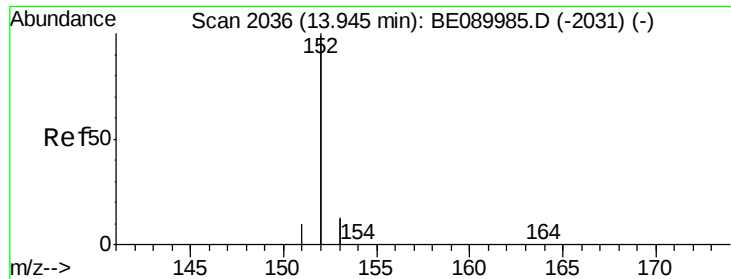
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#14
 2-Fluorobiphenyl
 Concen: 4.75 ng
 RT: 12.86 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BE090005.D
 Acq: 30 Jun 2015 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.3	18.3	27.5





#15

Acenaphthylene

Concen: 0.09 ng

RT: 13.95 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

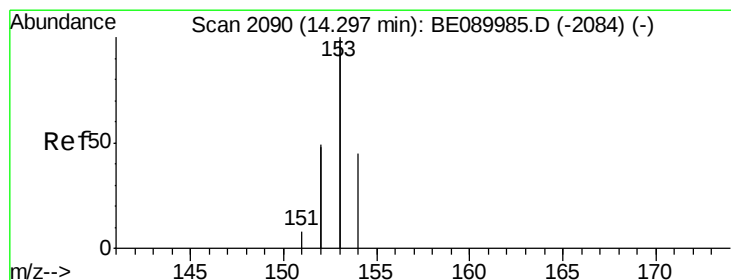
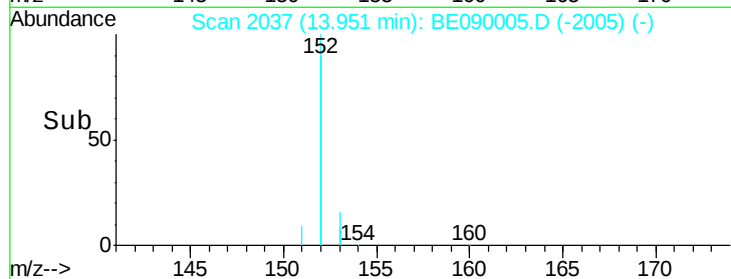
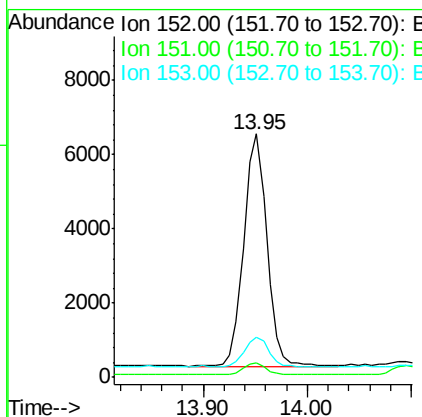
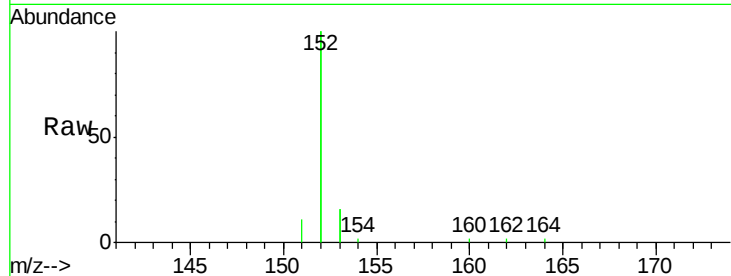
ClientSampleId :

X1SB0530204-150625

Tgt Ion:	152	Resp:	9704
Ion Ratio	Lower	Upper	
152	100		
151	4.8	3.9	5.9
153	13.0	10.4	15.6

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#16

Acenaphthene

Concen: 0.08 ng

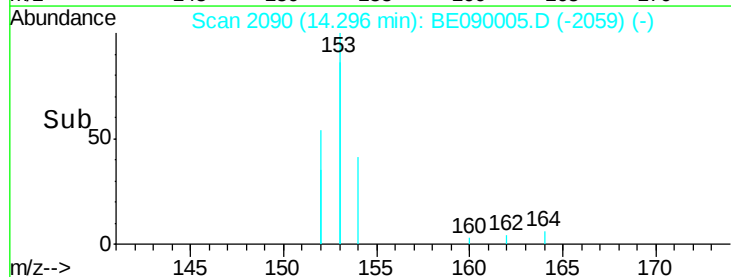
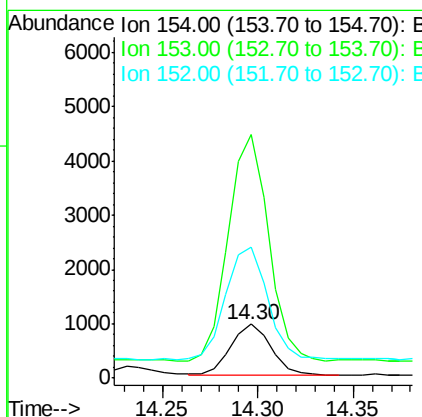
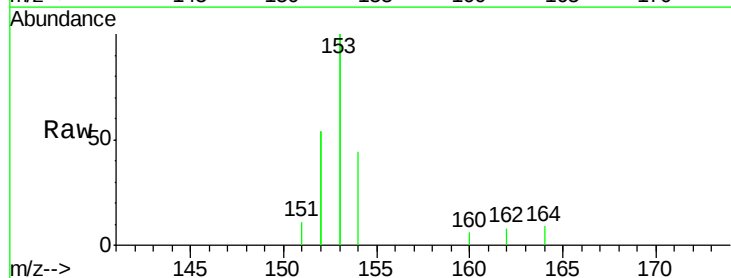
RT: 14.30 min Scan# 2090

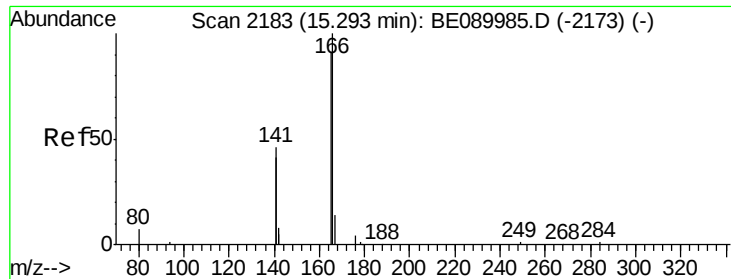
Delta R.T. -0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion:	154	Resp:	1337
Ion Ratio	Lower	Upper	
154	100		
153	454.4	358.6	538.0
152	236.1	189.6	284.4





#17

Fluorene

Concen: 0.07 ng

RT: 15.29 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

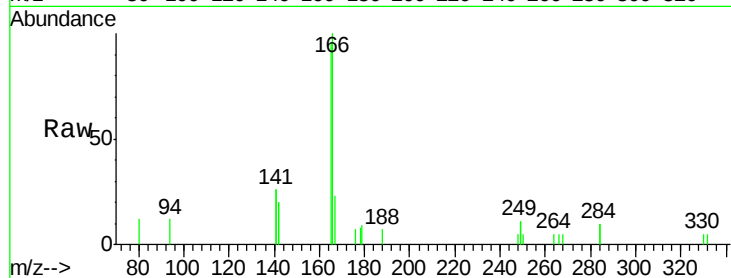
ClientSampleId :

X1SB0530204-150625

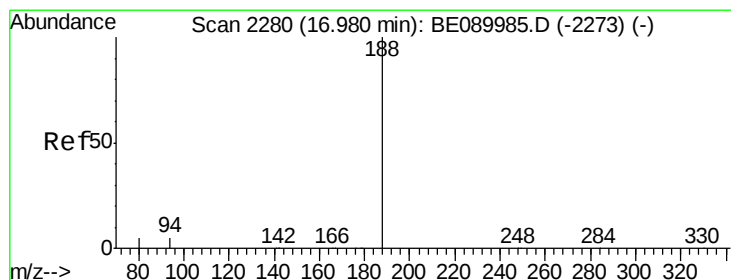
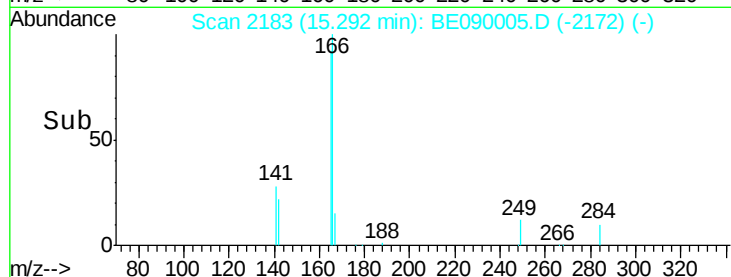
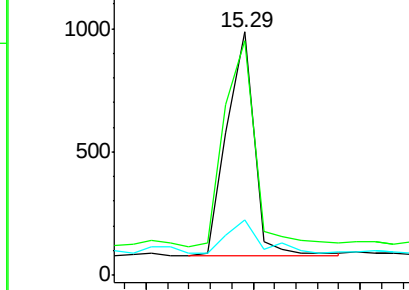
Tgt Ion:	166	Resp:	1605
Ion Ratio	Lower	Upper	
166	100		
165	102.2	79.0	118.6
167	18.9	11.8	17.8#

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

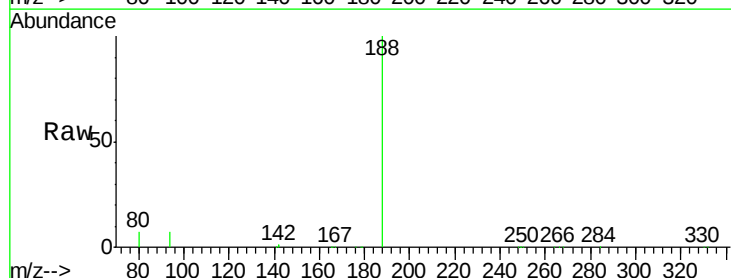
RT: 16.98 min Scan# 2280

Delta R.T. -0.00 min

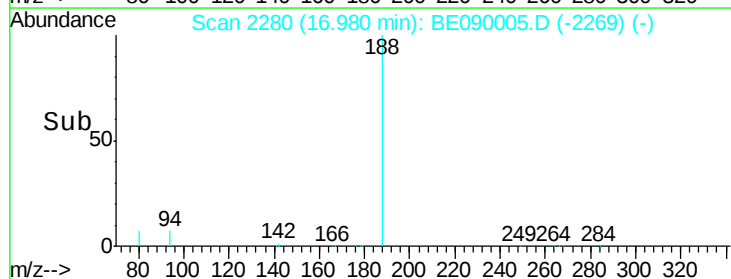
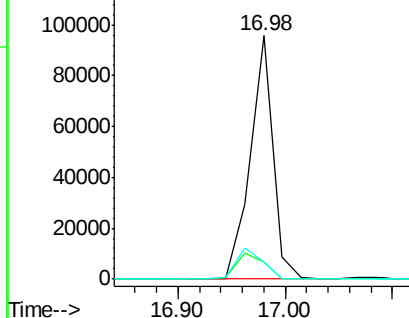
Lab File: BE090005.D

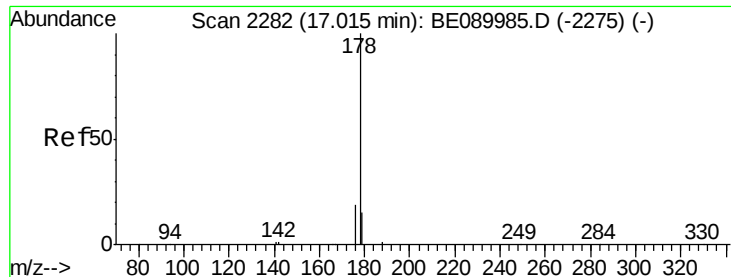
Acq: 30 Jun 2015 6:31

Tgt Ion:	188	Resp:	140931
Ion Ratio	Lower	Upper	
188	100		
94	7.0	4.1	6.1#
80	7.1	4.2	6.2#



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





#22

Phenanthrene

Concen: 0.06 ng m

RT: 17.01 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE090005.D

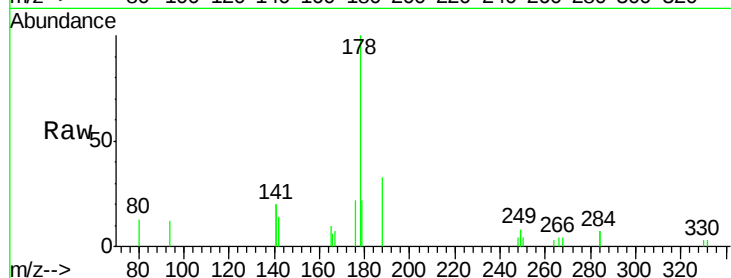
Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

ClientSampleId :

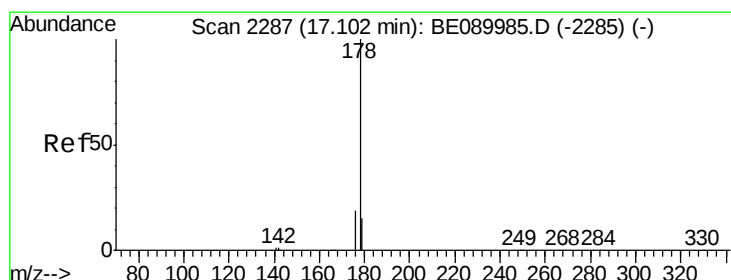
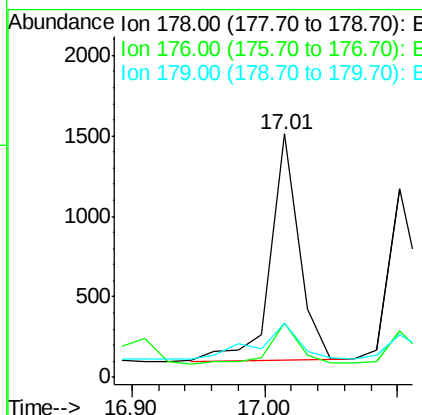
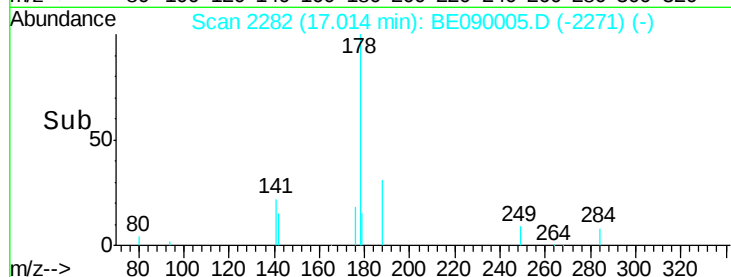
X1SB0530204-150625



Tgt Ion	Ratio	Lower	Upper
178	100		
176	14.2	15.3	22.9#
179	12.1	12.4	18.6#

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#23

Anthracene

Concen: 0.05 ng

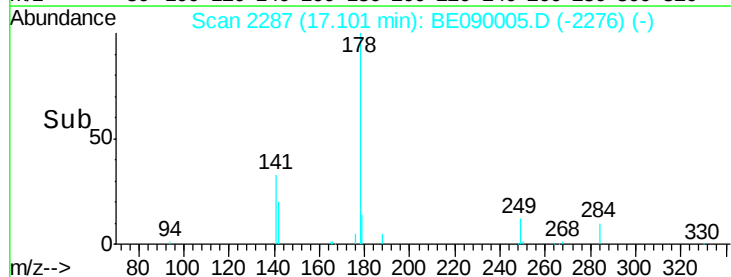
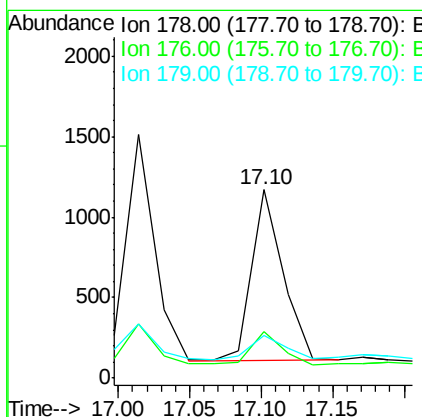
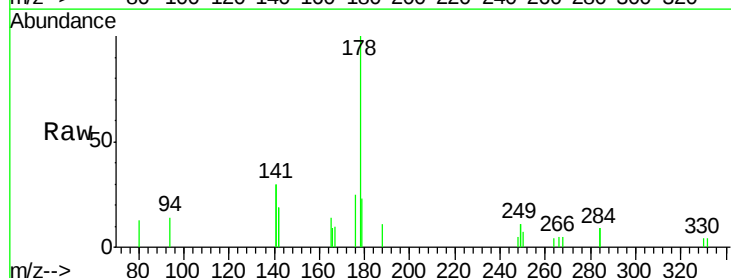
RT: 17.10 min Scan# 2287

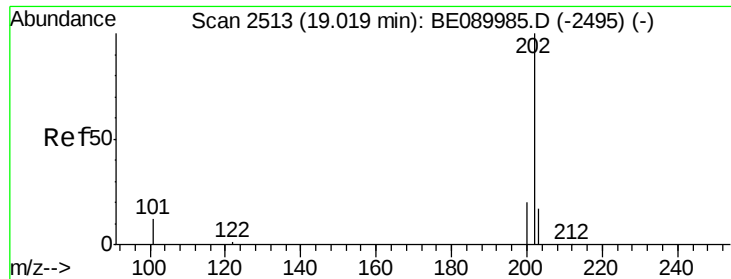
Delta R.T. -0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.7	22.1
179	16.6	12.1	18.1





#24

Fluoranthene

Concen: 0.02 ng

RT: 19.02 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BE090005.D

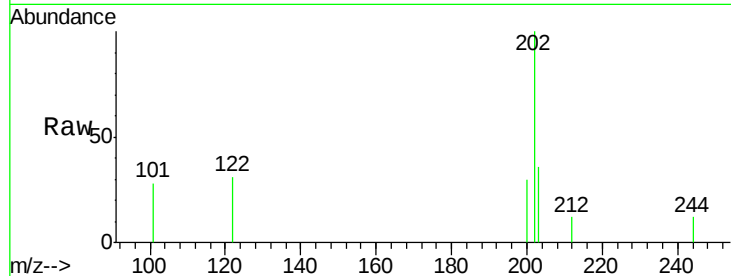
Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

ClientSampleId :

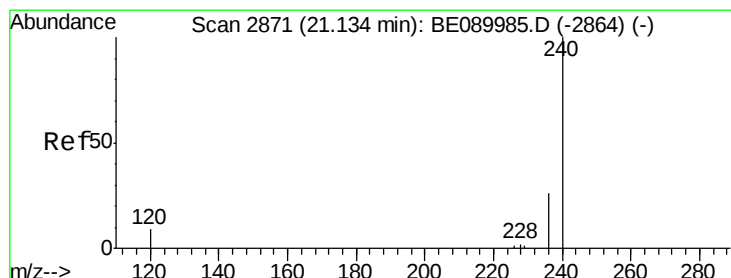
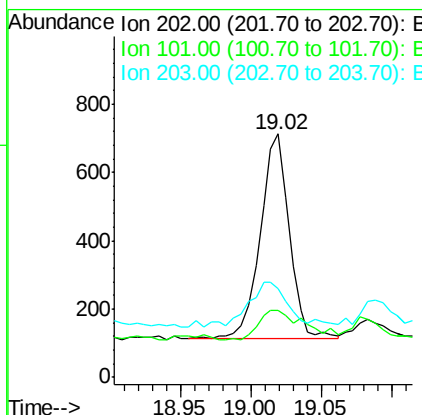
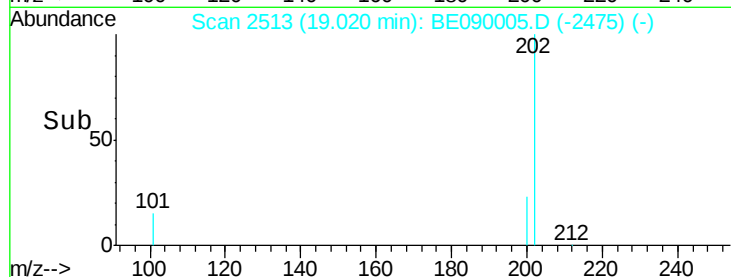
X1SB0530204-150625



Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.4	10.6	15.8#
203	28.9	13.8	20.6#

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#25

Chrysene-d12

Concen: 5.00 ng

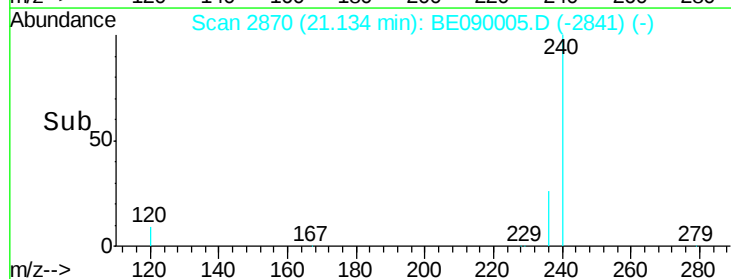
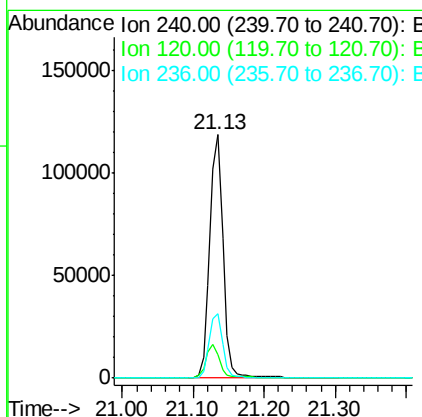
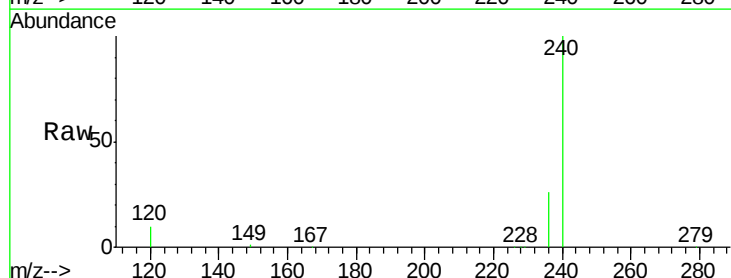
RT: 21.13 min Scan# 2870

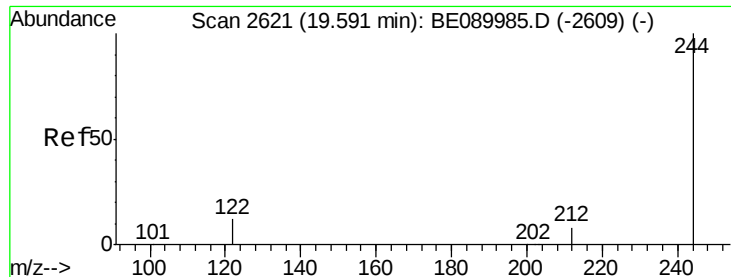
Delta R.T. -0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.9	10.3
236	26.3	20.8	31.2





#27

Terphenyl-d14

Concen: 5.20 ng

RT: 19.59 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BE090005.D

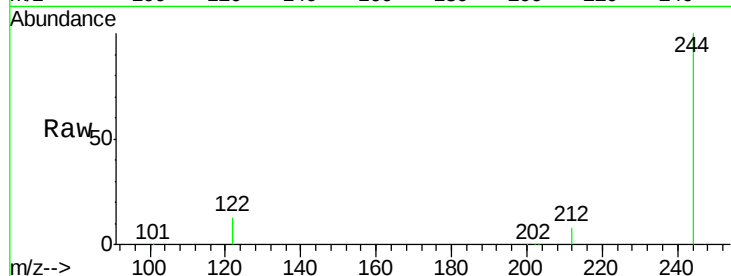
Acq: 30 Jun 2015 6:31

Instrument :

BNA_E

ClientSampleId :

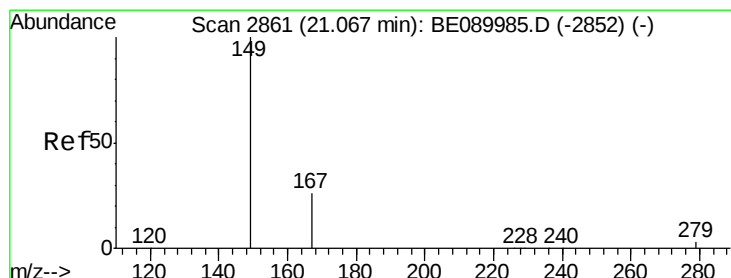
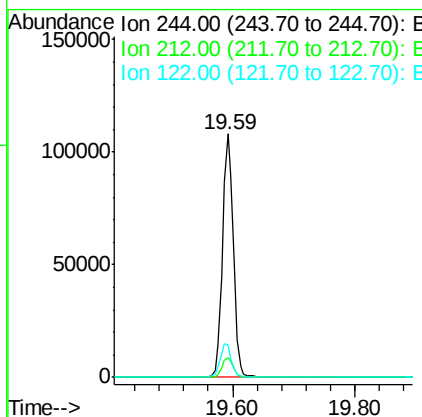
X1SB0530204-150625



Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.0	6.6	9.8	
122	13.4	9.8	14.8	

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#30

Bis(2-ethylhexyl)phthalate

Concen: 0.44 ng

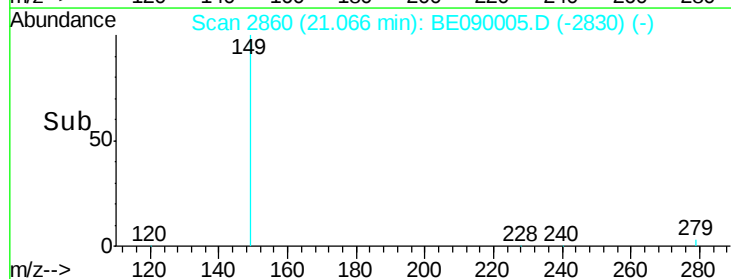
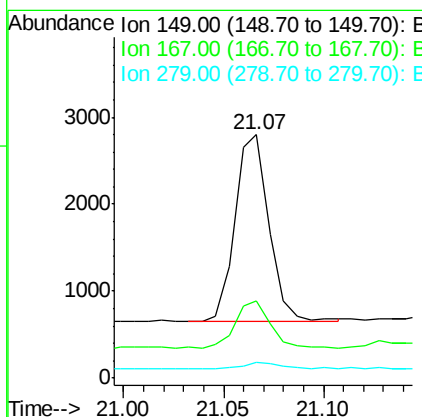
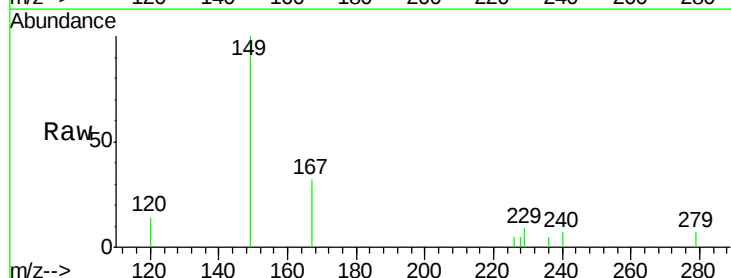
RT: 21.07 min Scan# 2860

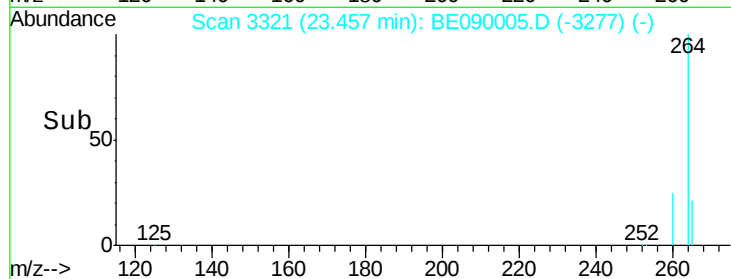
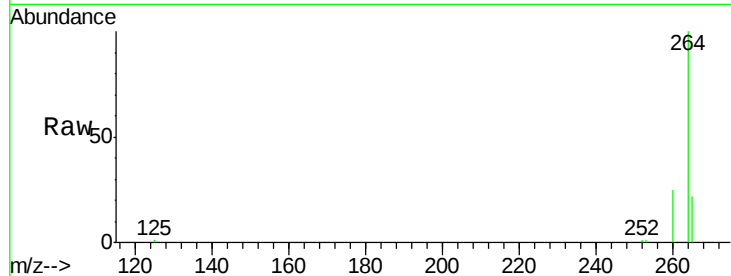
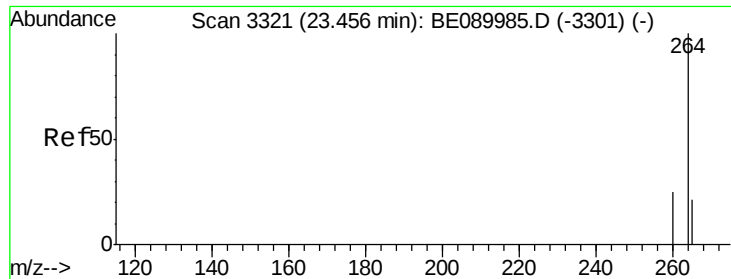
Delta R.T. 0.00 min

Lab File: BE090005.D

Acq: 30 Jun 2015 6:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.7	20.3	30.5	
279	4.1	2.6	3.8	





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BE090005.D
Acq: 30 Jun 2015 6:31

Instrument :
BNA_E
ClientSampleId :
X1SB0530204-150625

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.2
265	22.3	17.1	25.7

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