

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
 Data File : BE089390.D
 Acq On : 9 Jan 2015 20:39
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Manual Integrations
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Quant Time: Jan 10 00:43:05 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BASE-BE010715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 10 00:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	18739	5.00	ng	0.00
2) Naphthalene-d8	8.49	136	72289	5.00	ng	0.00
6) Acenaphthene-d10	10.63	164	33642	5.00	ng	0.00
11) Phenanthrene-d10	12.68	188	51579	5.00	ng	0.00
15) Chrysene-d12	18.02	240	38114	5.00	ng	0.00
21) Perylene-d12	21.06	264	33293	5.00	ng	0.00
System Monitoring Compounds						
3) Nitrobenzene-d5	7.63	82	5277	1.05	ng	0.00
7) 2-Fluorobiphenyl	9.83	172	9504	1.04	ng	0.00
17) Terphenyl-d14	15.80	244	6598	0.98	ng	0.00
Target Compounds						Qvalue
4) Naphthalene	8.52	128	16776	1.03	ng	99
5) 2-Methylnaphthalene	9.37	142	10476	1.03	ng	99
8) Acenaphthylene	10.45	152	60403	1.05	ng	100
9) Acenaphthene	10.67	154	9027	1.01	ng	93
10) Fluorene	11.32	166	9918	1.03	ng	100
12) Phenanthrene	12.72	178	55813	1.04	ng	100
13) Anthracene	12.80	178	53936	1.04	ng	99
14) Fluoranthene	14.91	202	11984	1.01	ng	99
16) Pyrene	15.36	202	12865	1.03	ng	100
18) Benzo(a)anthracene	18.00	228	37559	0.97	ng	100
19) Chrysene	18.08	228	40723	1.05	ng	99
20) Indeno(1,2,3-cd)pyrene	23.15	276	31826m	0.86	ng	
22) Benzo(b)fluoranthene	20.31	252	6773	0.93	ng	100
23) Benzo(k)fluoranthene	20.37	252	9970	1.09	ng	100
24) Benzo(a)pyrene	20.95	252	6572	0.92	ng	99
25) Dibenzo(a,h)anthracene	23.23	278	5511	0.84	ng	99
26) Benzo(g,h,i)perylene	23.73	276	29026	0.88	ng	99

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

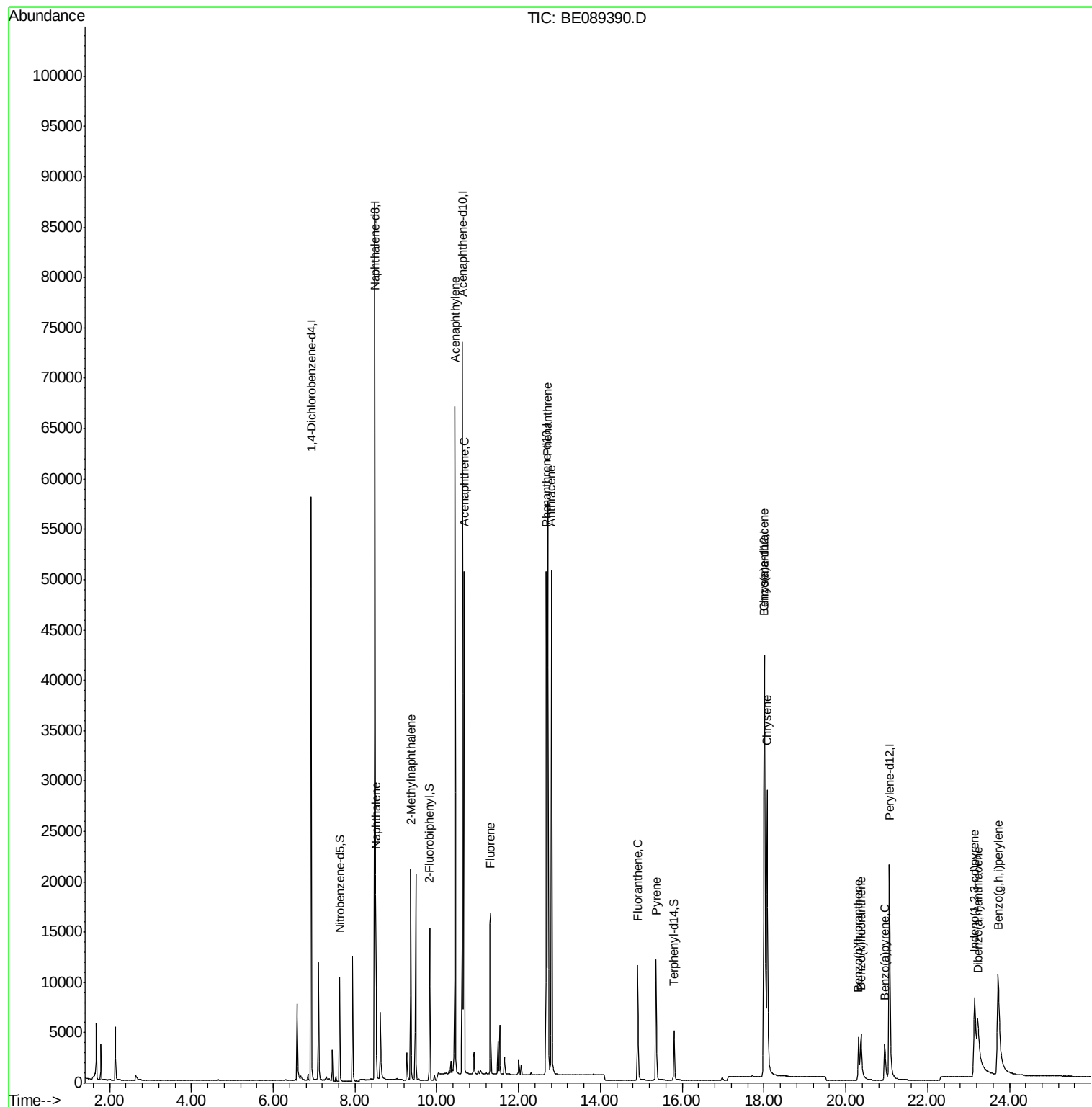
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010915\
Data File : BE089390.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

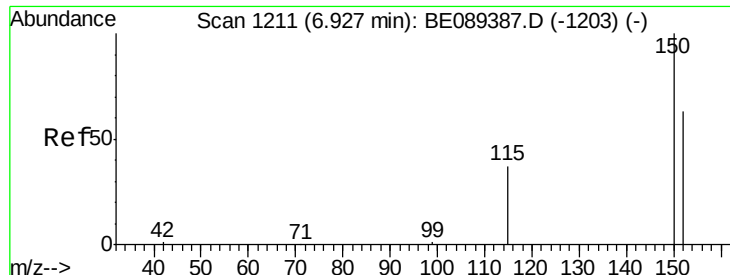
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.93 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BE089390.D

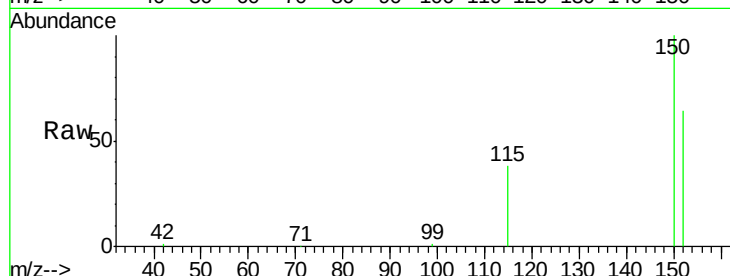
Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



Tgt Ion:152 Resp: 18739

Ion Ratio Lower Upper

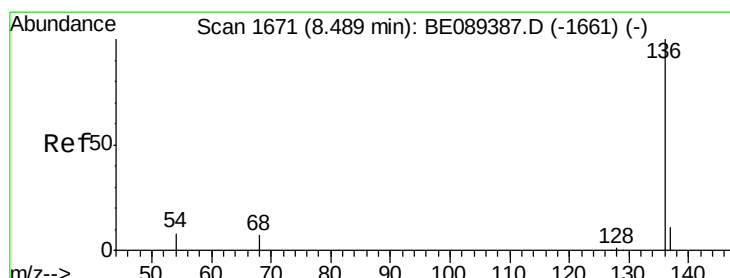
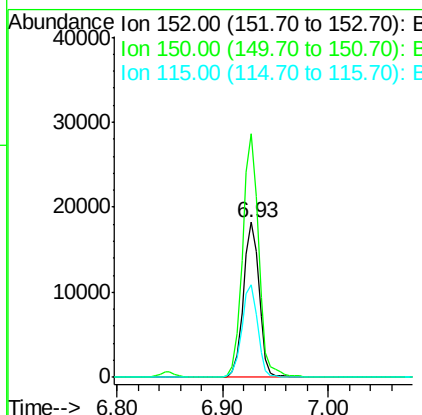
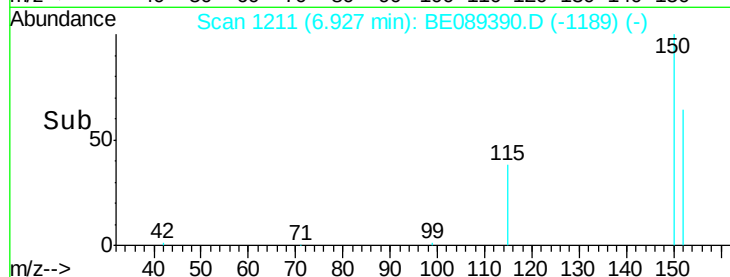
152 100

150 156.9 121.5 182.3

115 59.5 45.2 67.8

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#2

Naphthalene-d8

Concen: 5.00 ng

RT: 8.49 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:136 Resp: 72289

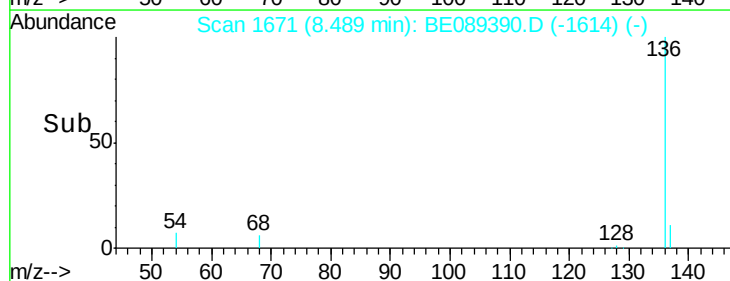
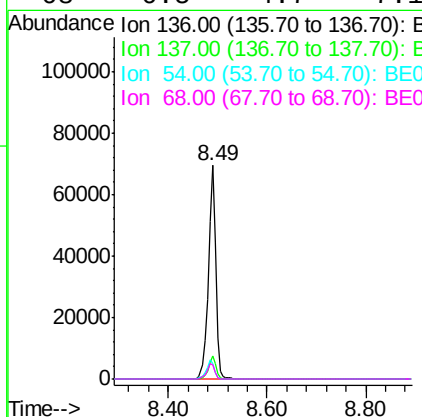
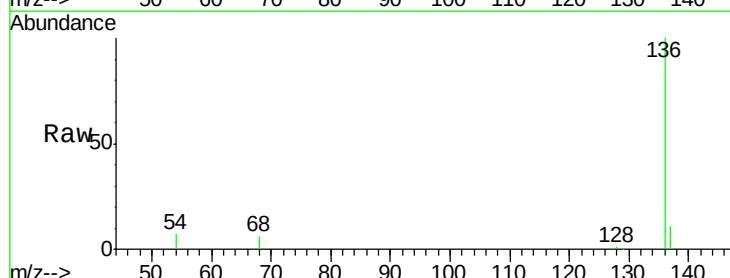
Ion Ratio Lower Upper

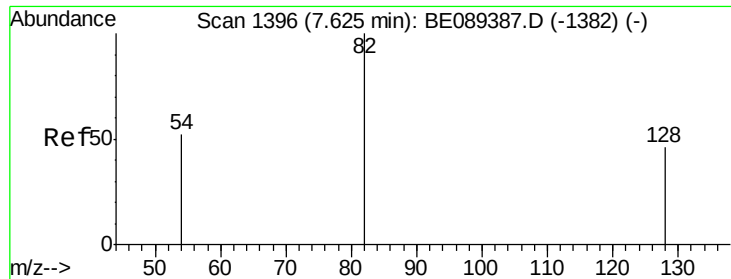
136 100

137 10.9 9.0 13.4

54 7.4 5.4 8.0

68 6.5 4.7 7.1





#3

Nitrobenzene-d5

Concen: 1.05 ng

RT: 7.63 min Scan# 1396

Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

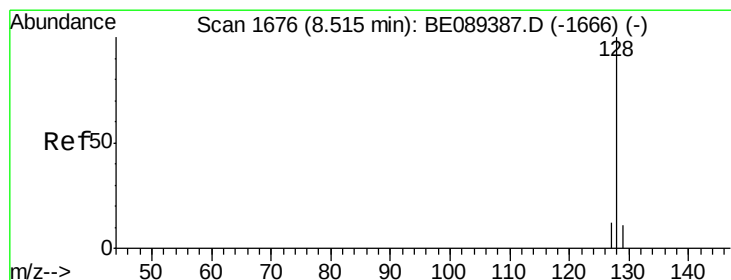
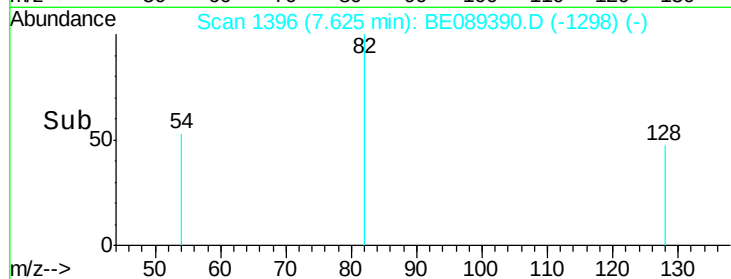
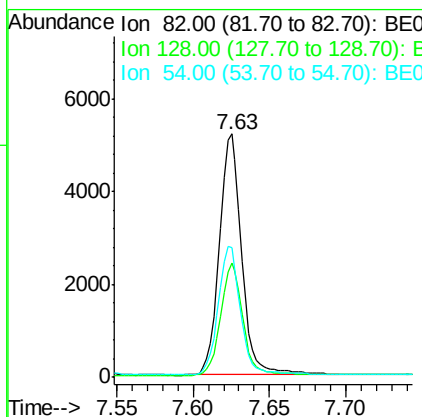
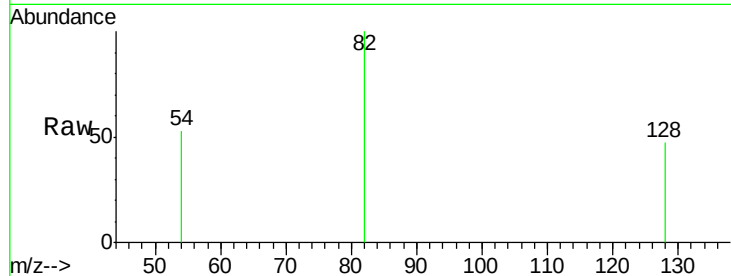
ClientSampleId :

SSTDCCC001

Tgt Ion:	82	Resp:	5277
Ion Ratio	Lower	Upper	
82	100		
128	46.9	36.5	54.7
54	53.0	43.5	65.3

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#4

Naphthalene

Concen: 1.03 ng

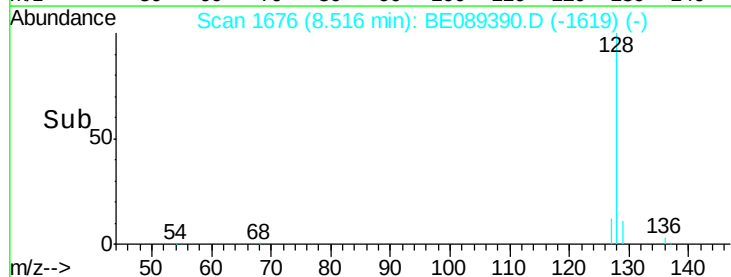
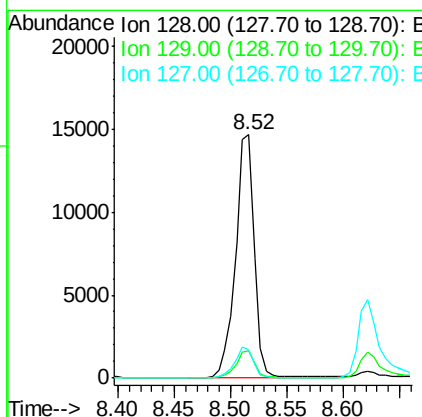
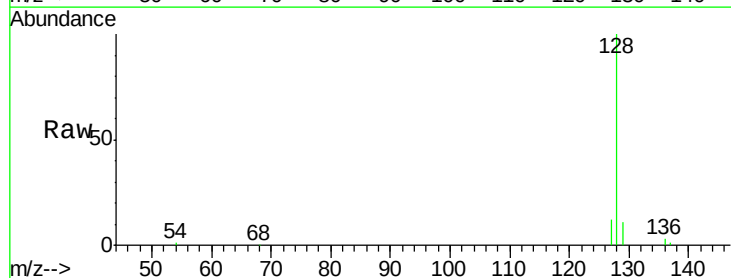
RT: 8.52 min Scan# 1676

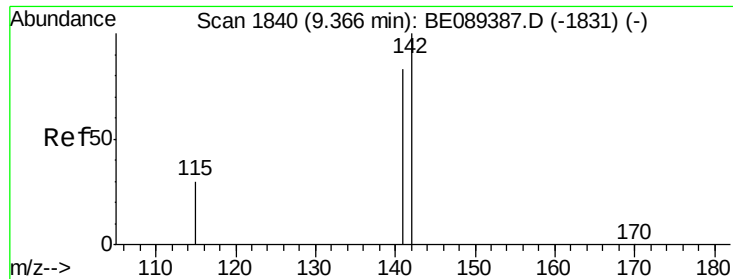
Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	128	Resp:	16776
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	11.8	10.0	15.0





#5

2-Methylnaphthalene

Concen: 1.03 ng

RT: 9.37 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

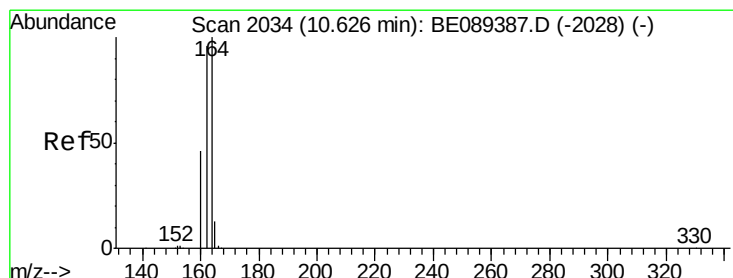
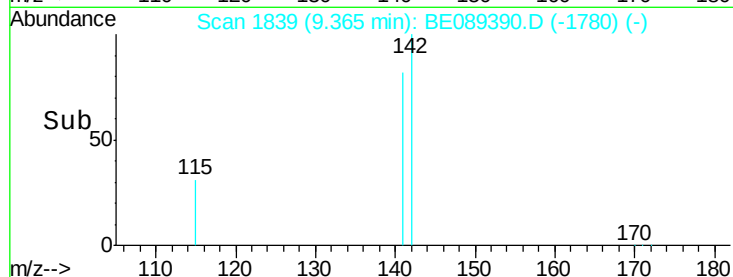
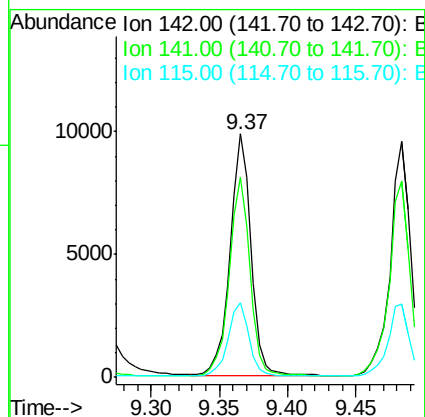
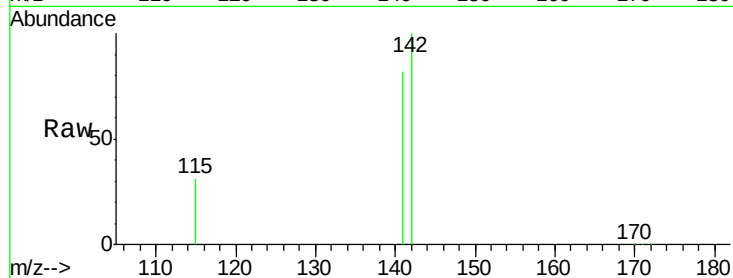
ClientSampleId :

SSTDCCC001

Tgt Ion:	142	Resp:	10476
Ion Ratio	Lower	Upper	
142	100		
141	82.2	66.3	99.5
115	30.9	25.2	37.8

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#6

Acenaphthene-d10

Concen: 5.00 ng

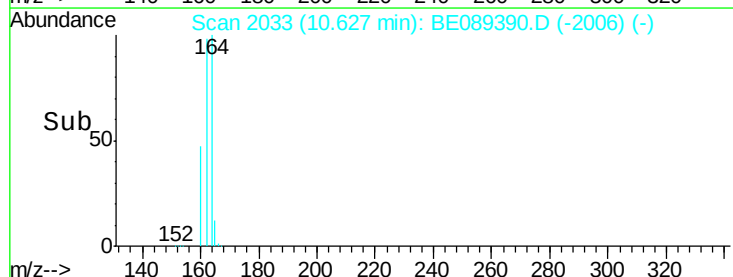
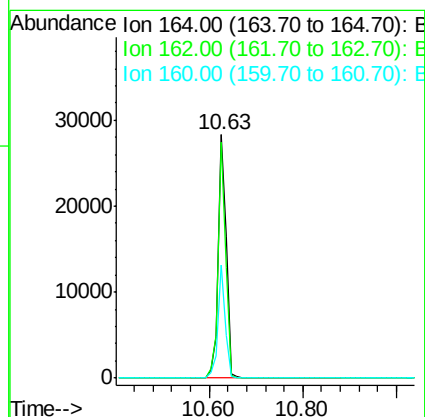
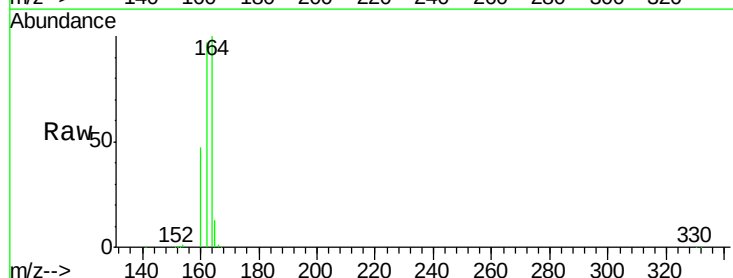
RT: 10.63 min Scan# 2033

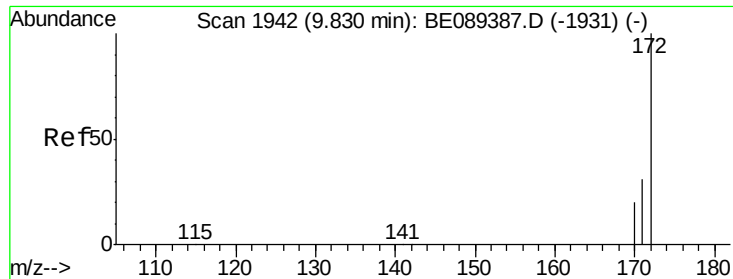
Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	164	Resp:	33642
Ion Ratio	Lower	Upper	
164	100		
162	96.9	77.4	116.2
160	46.6	38.2	57.4





#7

2-Fluorobiphenyl

Concen: 1.04 ng

RT: 9.83 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BE089390.D

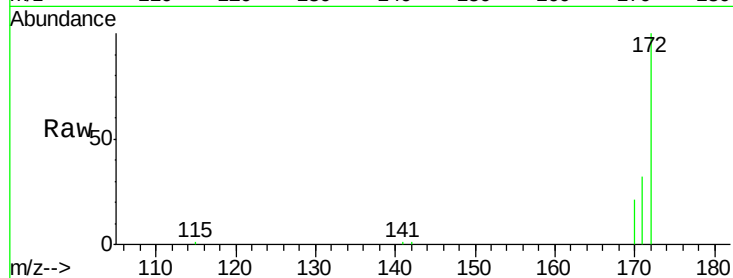
Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

ClientSampleId :

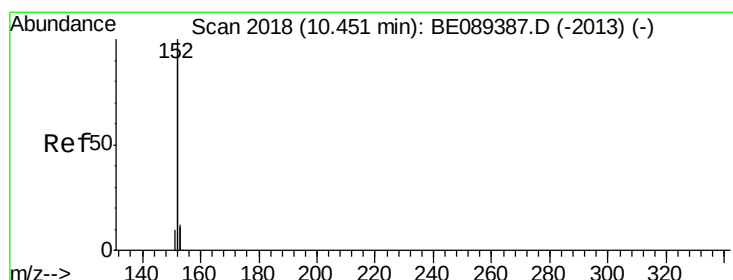
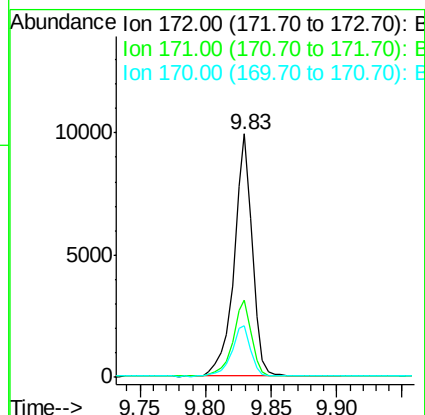
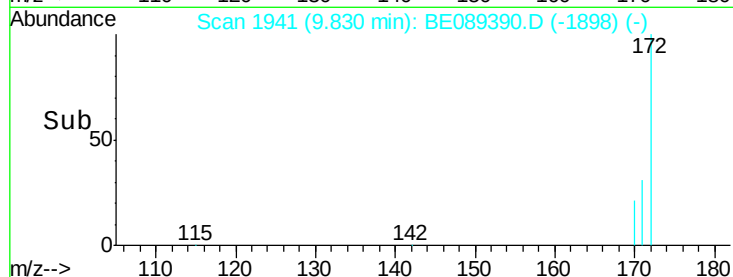
SSTDCCC001



Tgt Ion:	172	Resp:	9504
Ion	Ratio	Lower	Upper
172	100		
171	31.7	26.4	39.6
170	21.0	18.0	27.0

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#8

Acenaphthylene

Concen: 1.05 ng

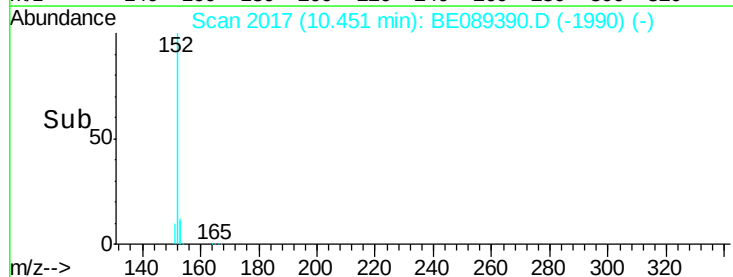
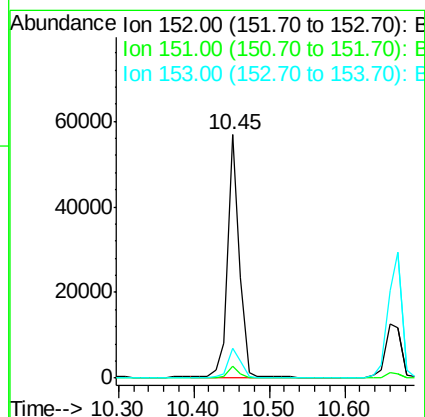
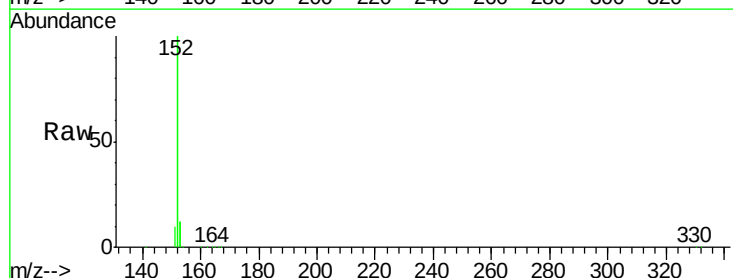
RT: 10.45 min Scan# 2017

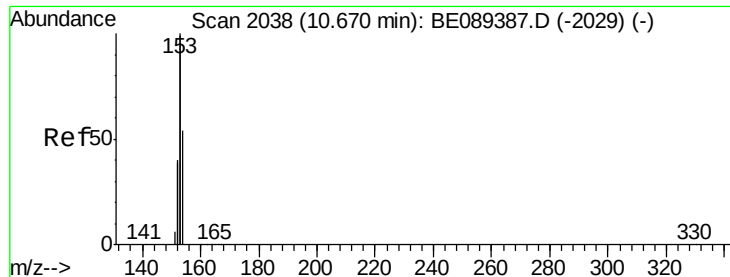
Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	152	Resp:	60403
Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.1	6.1
153	12.0	9.8	14.6





#9

Acenaphthene

Concen: 1.01 ng

RT: 10.67 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BE089390.D

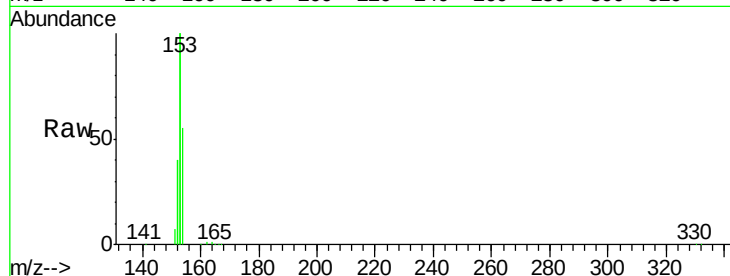
Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

ClientSampleId :

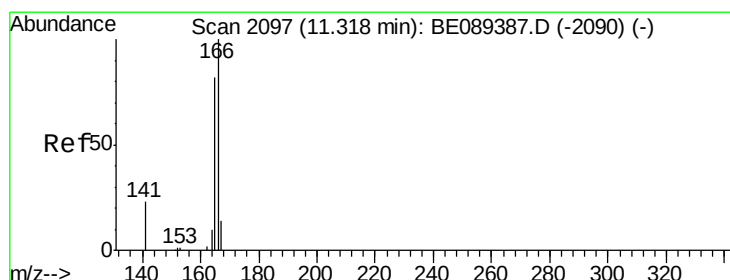
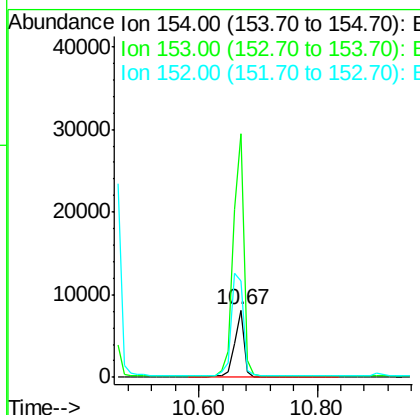
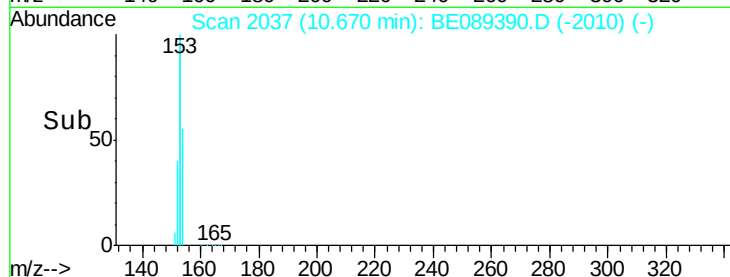
SSTDCCC001



Tgt Ion:	154	Resp:	9027
Ion Ratio	Lower	Upper	
154	100		
153	362.1	300.6	450.8
152	144.1	123.3	184.9

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#10

Fluorene

Concen: 1.03 ng

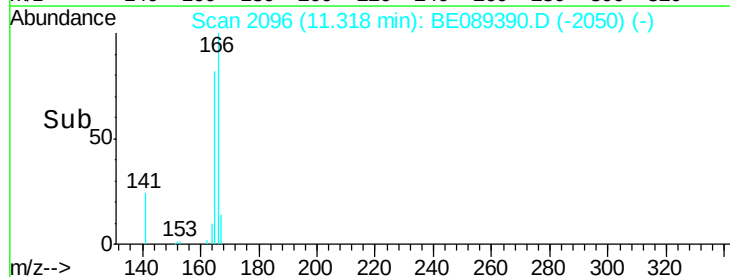
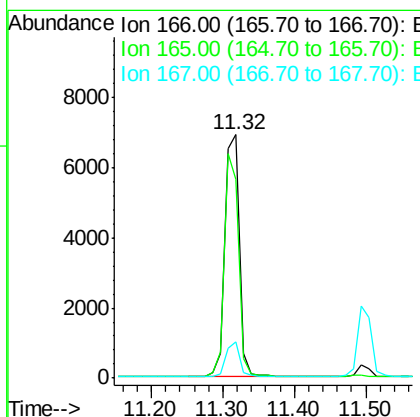
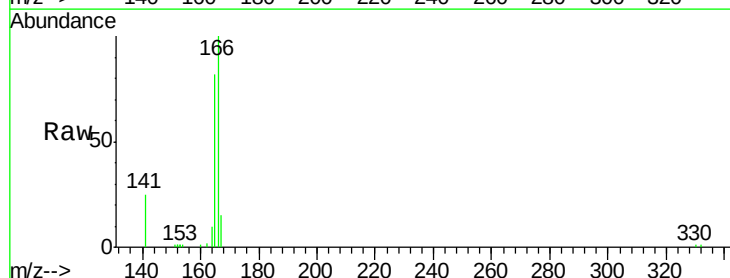
RT: 11.32 min Scan# 2096

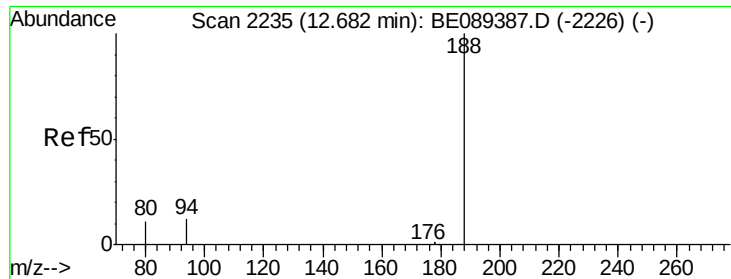
Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	166	Resp:	9918
Ion Ratio	Lower	Upper	
166	100		
165	89.8	72.1	108.1
167	13.5	11.0	16.4





#11

Phenanthrene-d10

Concen: 5.00 ng

RT: 12.68 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

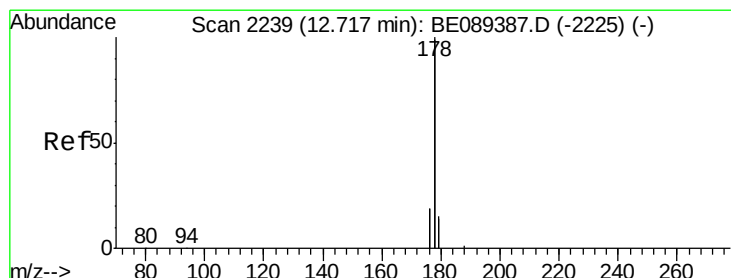
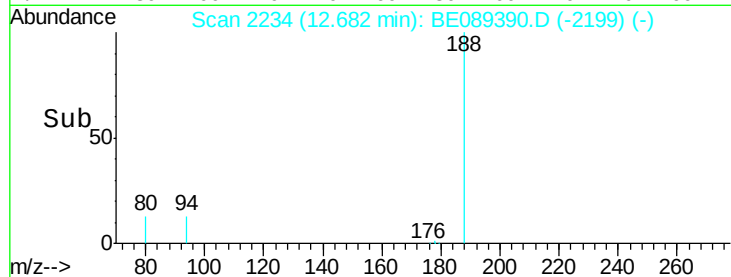
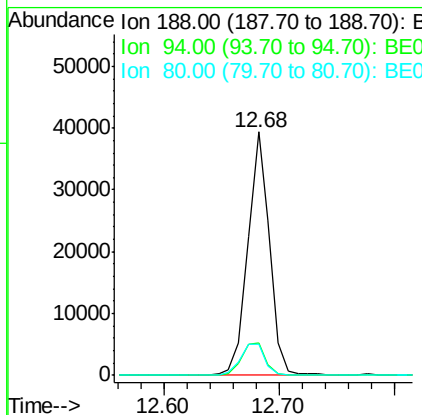
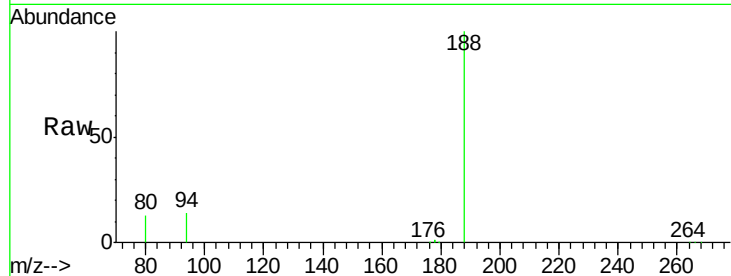
ClientSampleId :

SSTDCCC001

Tgt Ion:	188	Resp:	51579
Ion Ratio	Lower	Upper	
188	100		
94	13.6	11.0	12.2#
80	12.6	10.1	11.1#

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#12

Phenanthrene

Concen: 1.04 ng

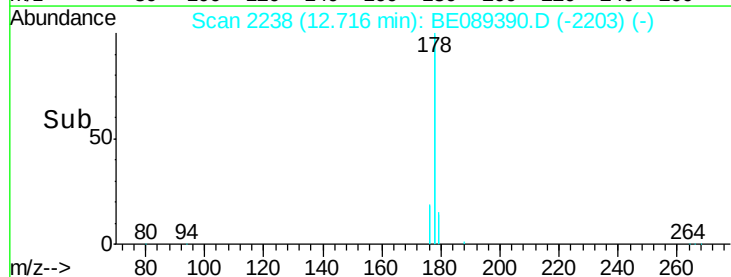
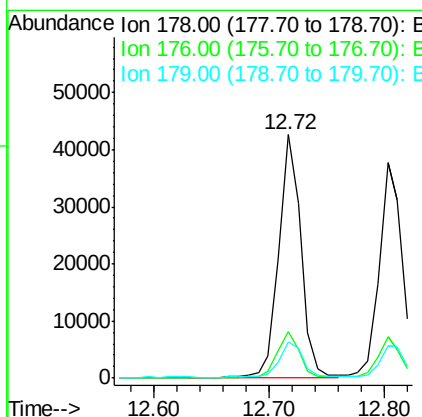
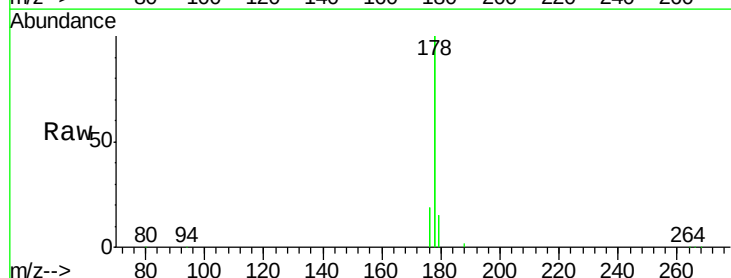
RT: 12.72 min Scan# 2238

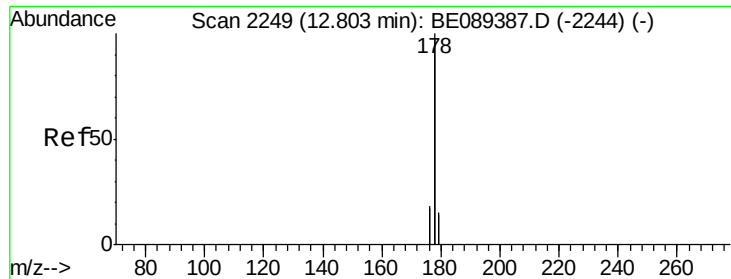
Delta R.T. -0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	178	Resp:	55813
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.1	22.7
179	15.1	12.2	18.2





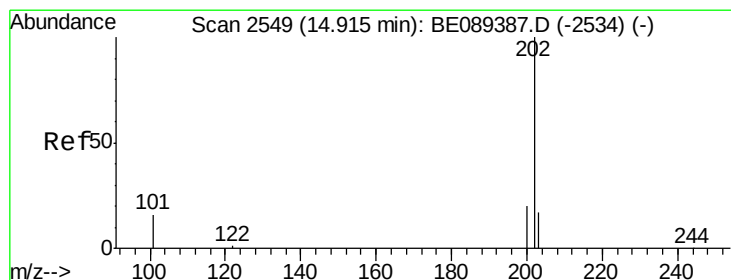
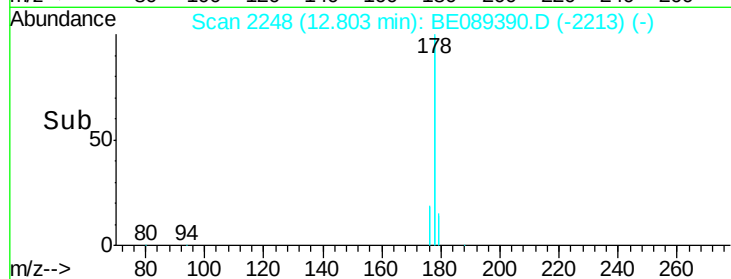
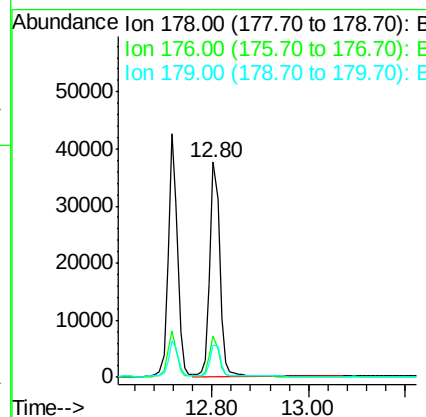
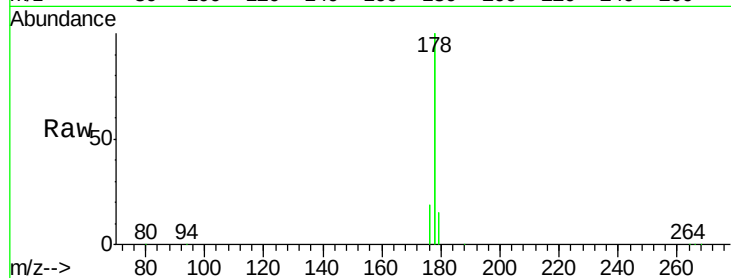
#13
 Anthracene
 Concen: 1.04 ng
 RT: 12.80 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:178 Resp: 53936
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.7 22.1
 179 15.0 12.0 18.0

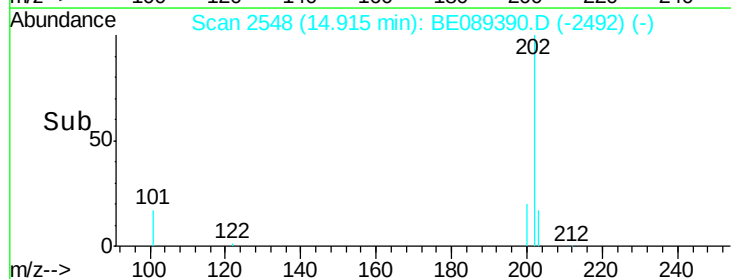
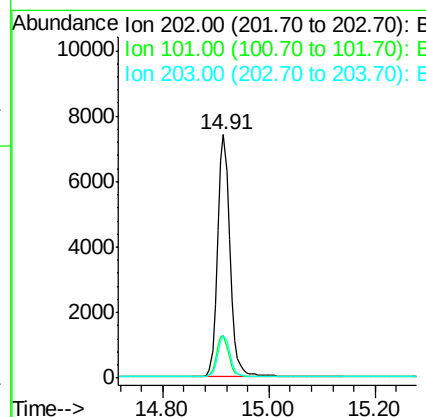
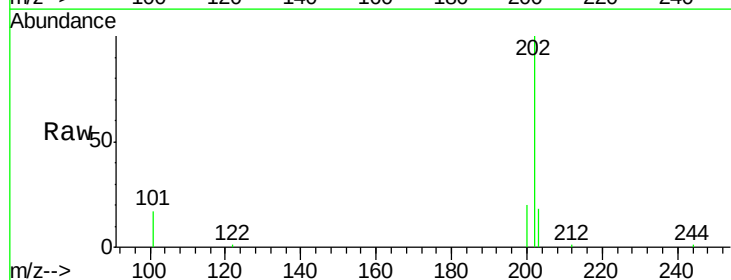
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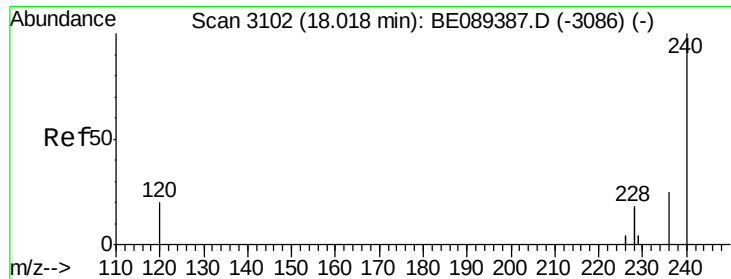
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#14
 Fluoranthene
 Concen: 1.01 ng
 RT: 14.91 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Tgt Ion:202 Resp: 11984
 Ion Ratio Lower Upper
 202 100
 101 17.3 0.0 37.9
 203 17.8 0.0 37.5





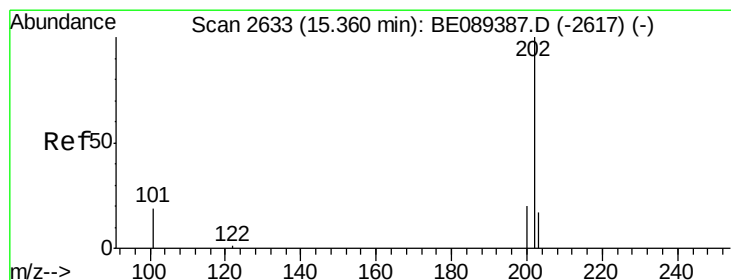
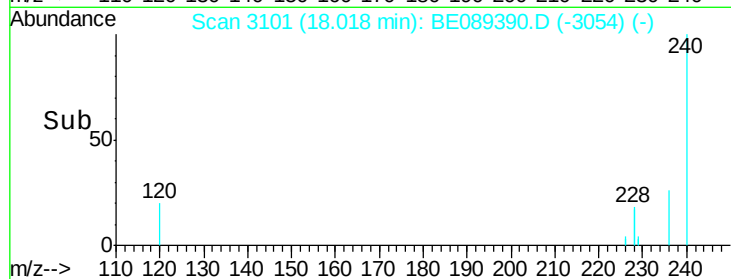
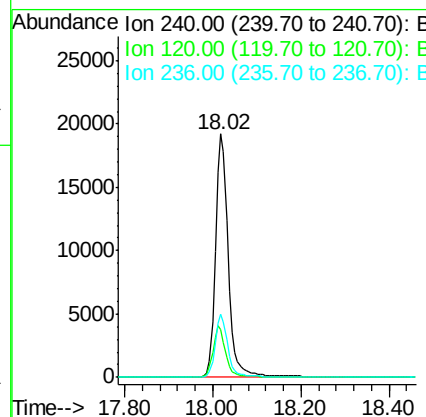
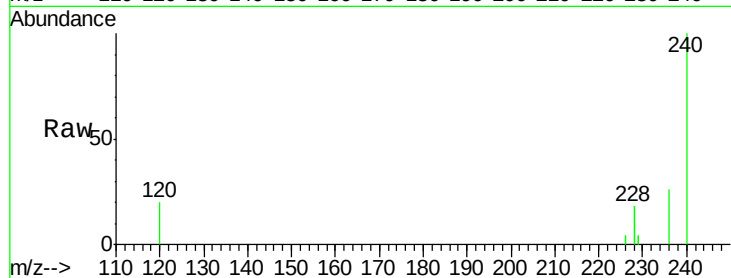
#15
Chrysene-d12
 Concen: 5.00 ng
 RT: 18.02 min Scan# 3101
 Delta R.T. 0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.8	11.8	17.6
236	25.8	20.0	30.0

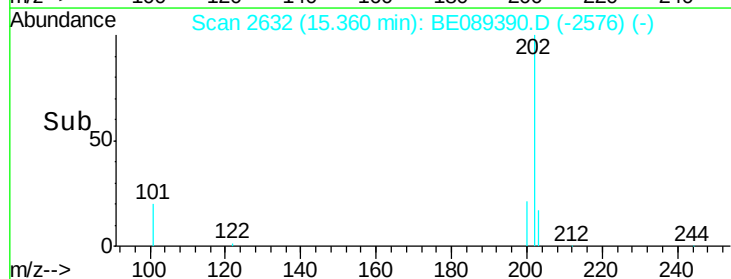
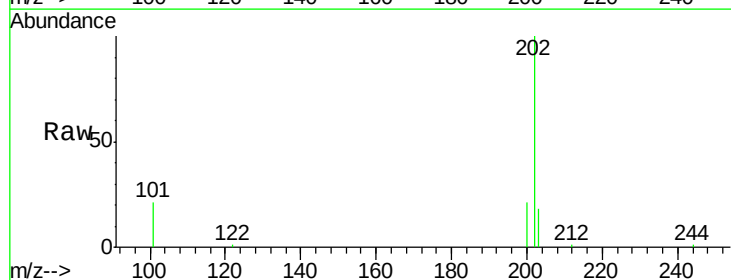
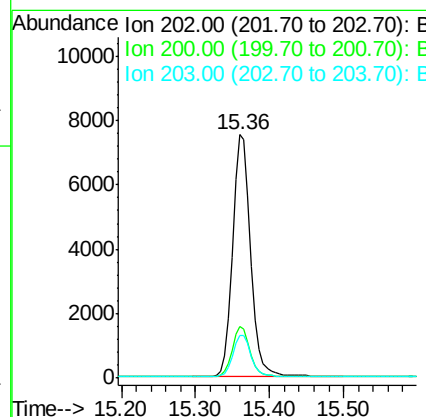
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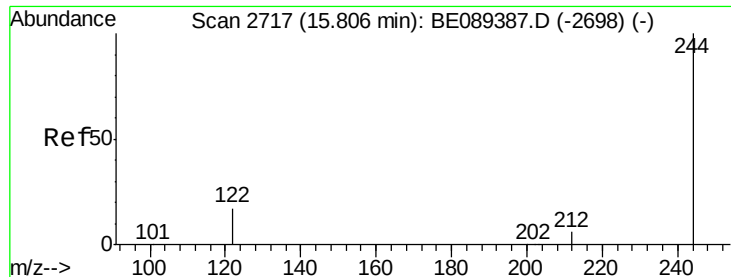
tejaskumar
 1/12/2015 4:10:19 PM



#16
Pyrene
 Concen: 1.03 ng
 RT: 15.36 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.6	14.0	21.0





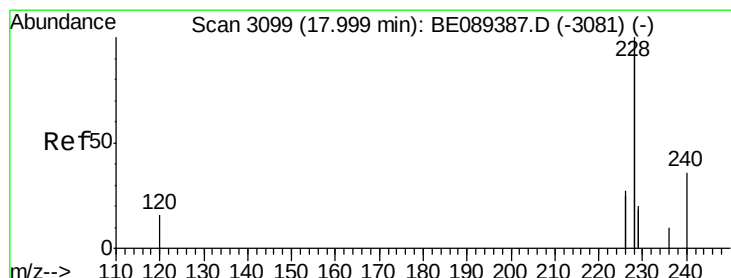
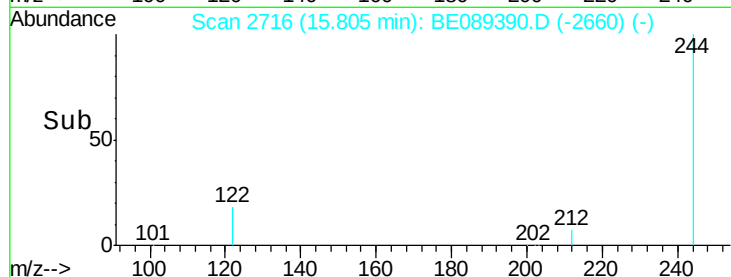
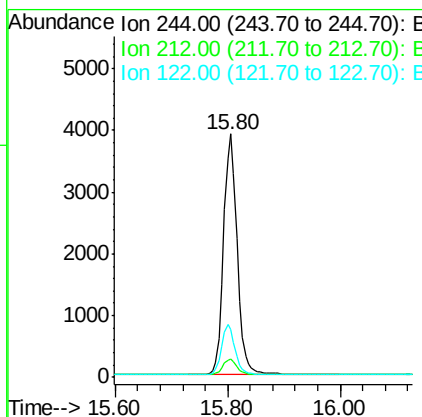
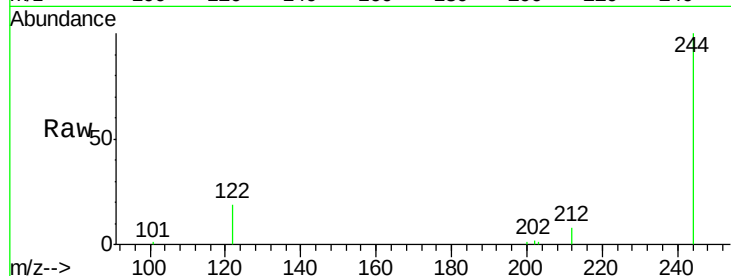
#17
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 15.80 min Scan# 2716
 Delta R.T. -0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	19.4	17.7	26.5

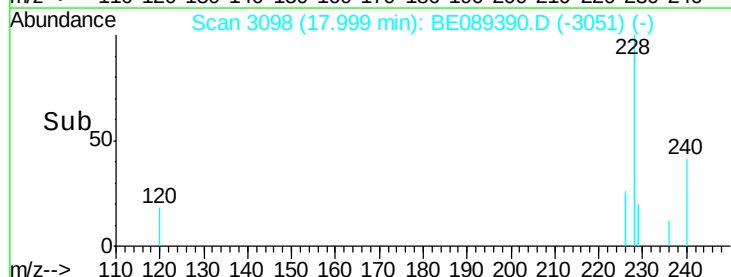
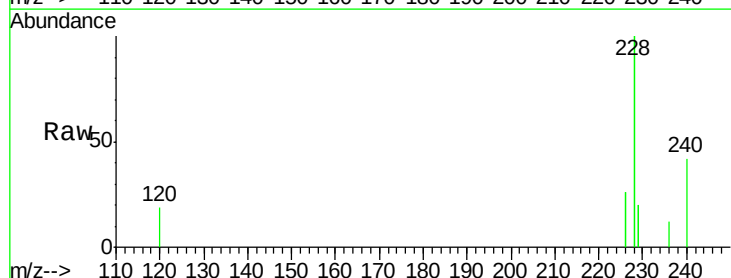
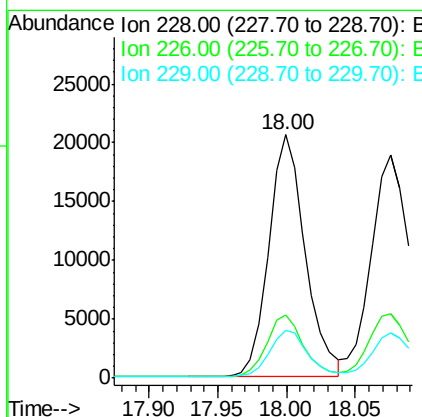
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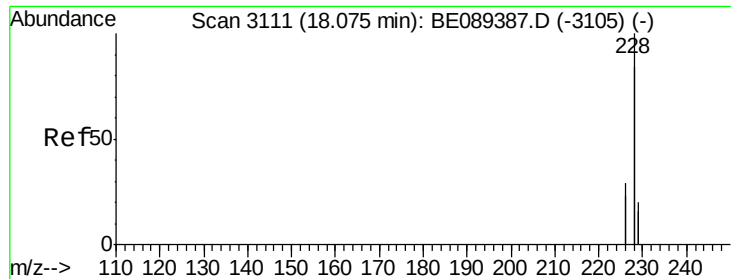
tejaskumar
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#18
 Benzo(a)anthracene
 Concen: 0.97 ng
 RT: 18.00 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.6
229	19.8	16.0	24.0





#19

Chrysene

Concen: 1.05 ng

RT: 18.08 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE089390.D

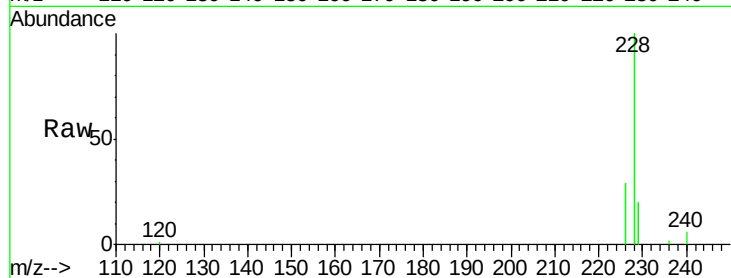
Acq: 9 Jan 2015 20:39

Instrument :

BNA_E

ClientSampleId :

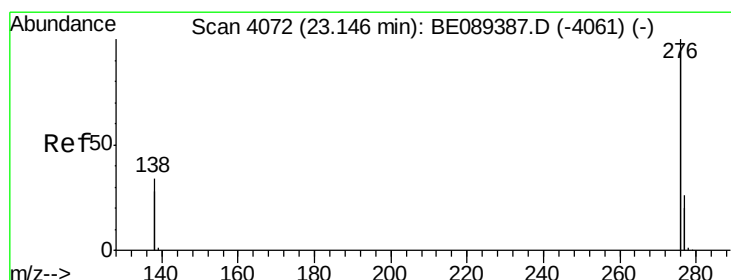
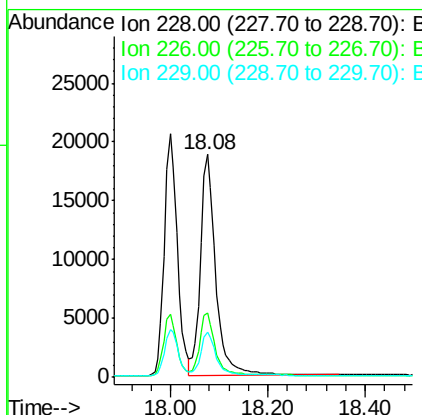
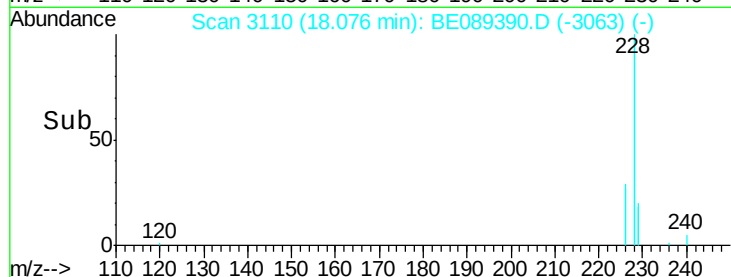
SSTDCCC001



Tgt Ion:	228	Resp:	40723
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.5	35.3
229	20.3	16.1	24.1

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#20

Indeno(1,2,3-cd)pyrene

Concen: 0.86 ng m

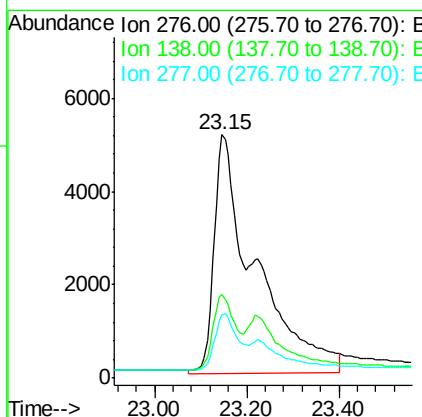
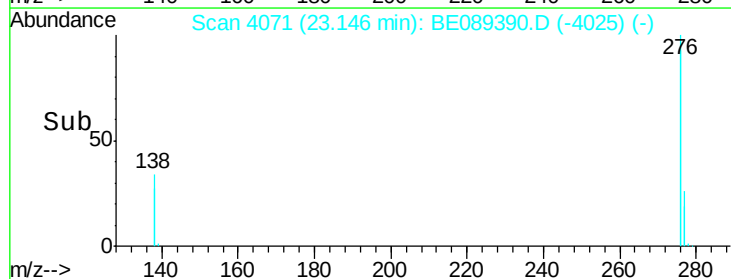
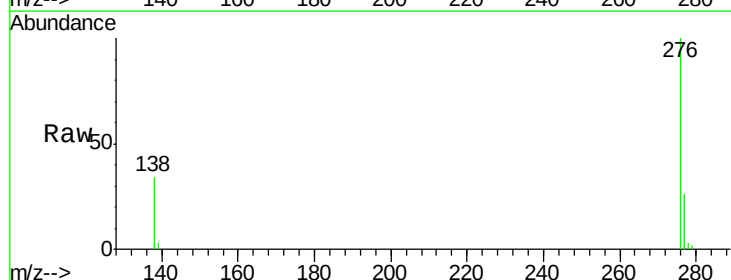
RT: 23.15 min Scan# 4071

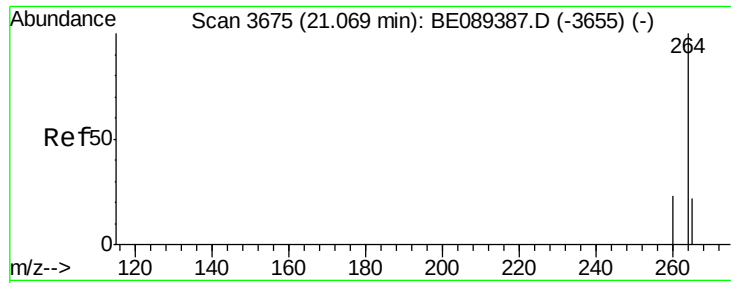
Delta R.T. 0.00 min

Lab File: BE089390.D

Acq: 9 Jan 2015 20:39

Tgt Ion:	276	Resp:	31826
Ion Ratio	Lower	Upper	
276	100		
138	17.0	23.8	35.8#
277	13.6	18.2	27.4#





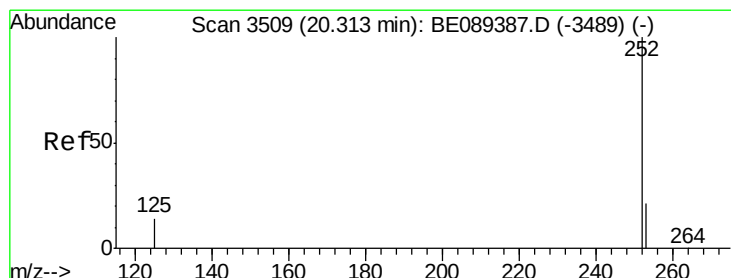
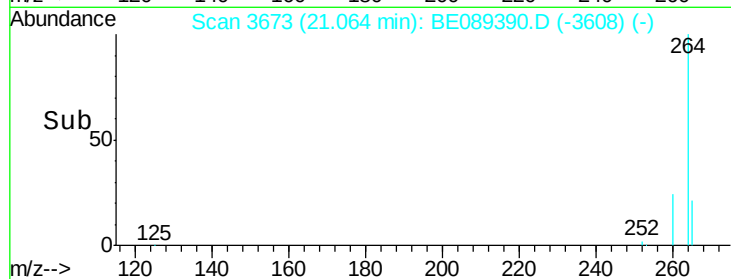
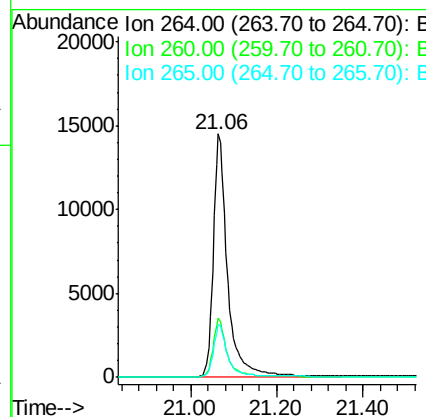
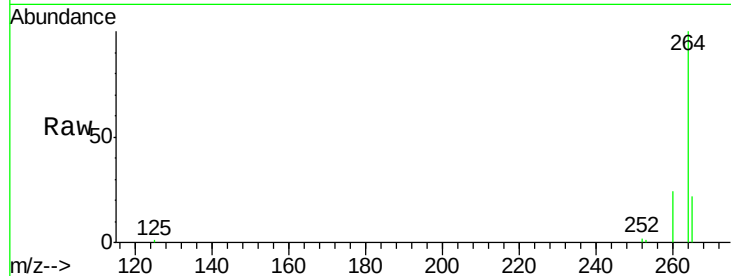
#21
Perylene-d12
 Concen: 5.00 ng
 RT: 21.06 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion:	264	Resp:	33293
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.9	28.3
265	21.5	17.4	26.2

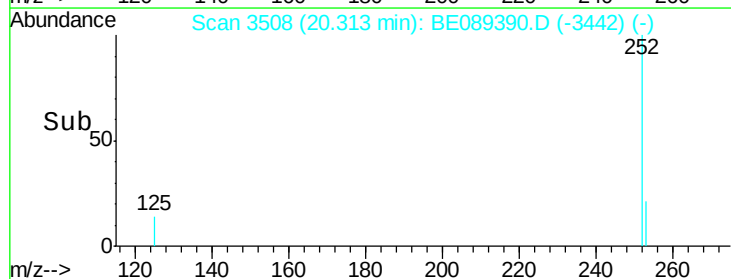
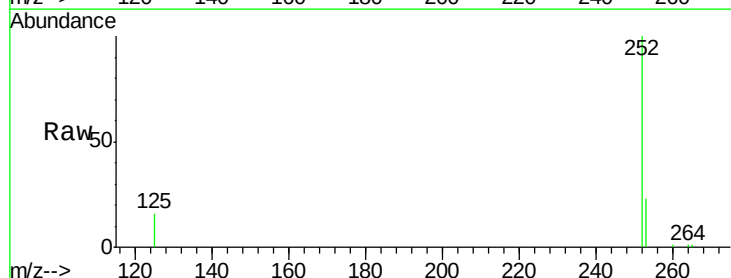
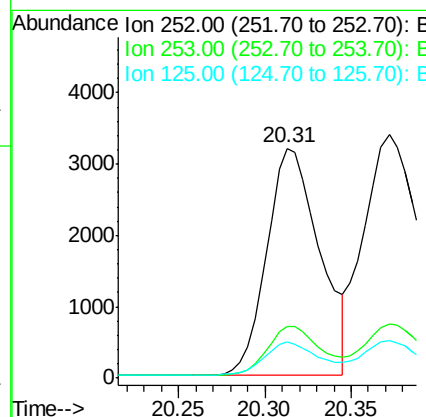
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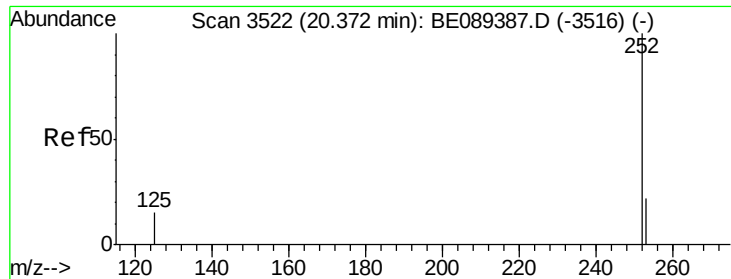
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#22
Benzo(b)fluoranthene
 Concen: 0.93 ng
 RT: 20.31 min Scan# 3508
 Delta R.T. 0.00 min
 Lab File: BE089390.D
 Acq: 9 Jan 2015 20:39

Tgt Ion:	252	Resp:	6773
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	15.6	12.6	18.8





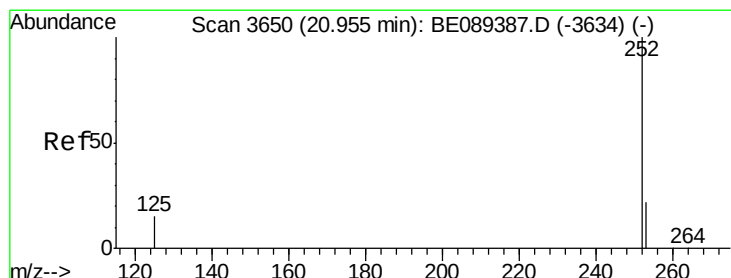
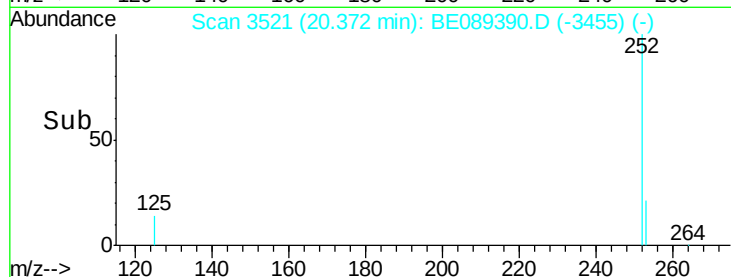
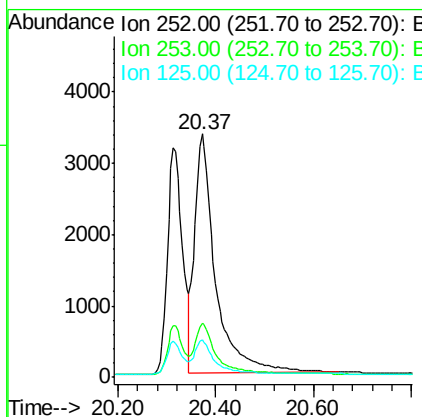
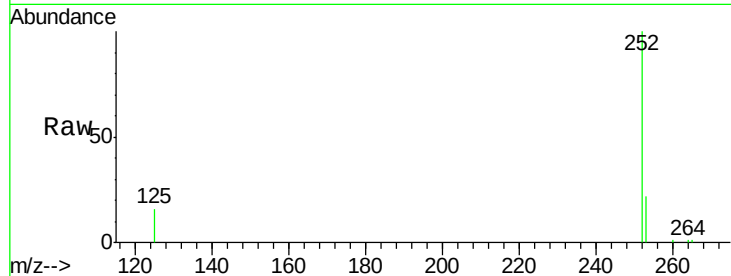
#23
Benzo(k)fluoranthene
Concen: 1.09 ng
RT: 20.37 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BE089390.D
Acq: 9 Jan 2015 20:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	15.5	12.4	18.6

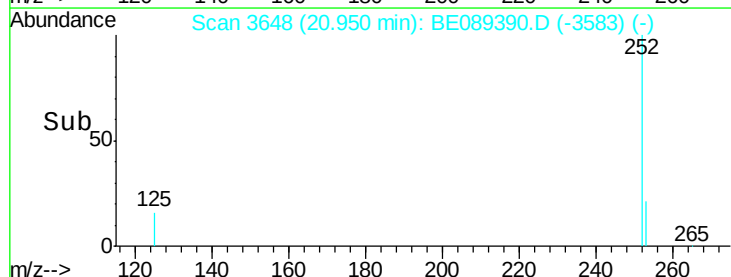
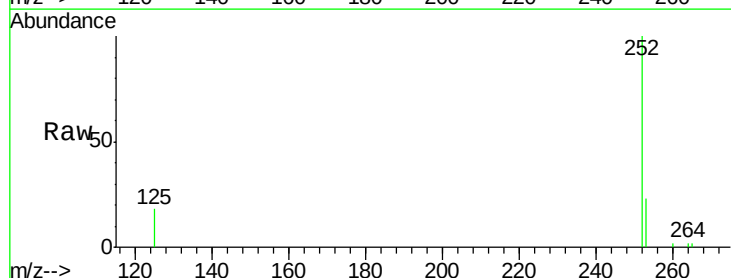
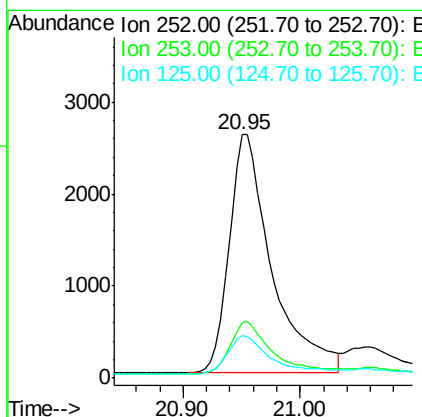
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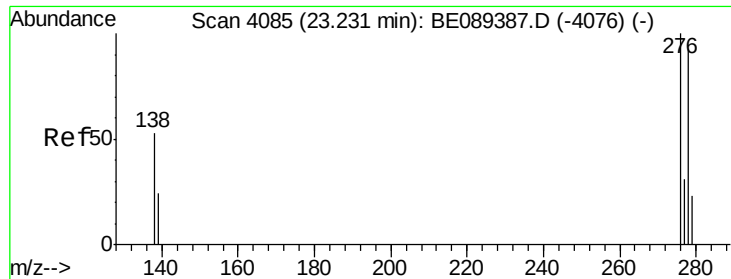
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#24
Benzo(a)pyrene
Concen: 0.92 ng
RT: 20.95 min Scan# 3648
Delta R.T. -0.00 min
Lab File: BE089390.D
Acq: 9 Jan 2015 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	17.7	13.8	20.8





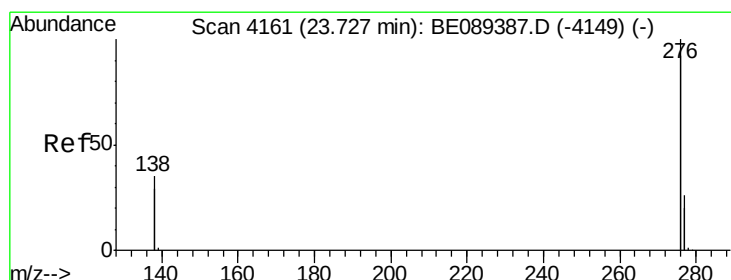
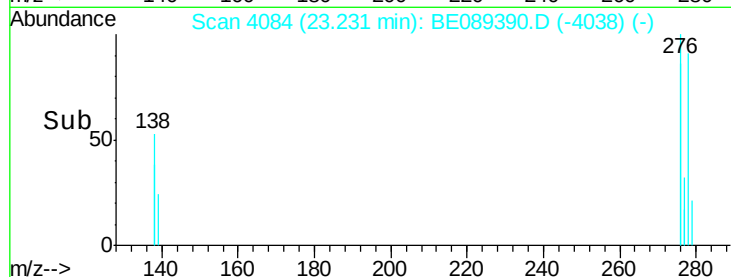
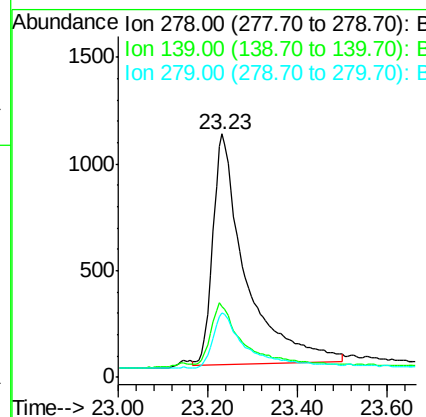
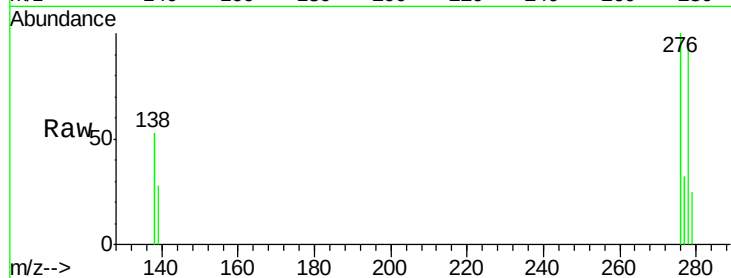
#25
Dibenzo(a,h)anthracene
Concen: 0.84 ng
RT: 23.23 min Scan# 4084
Delta R.T. 0.00 min
Lab File: BE089390.D
Acq: 9 Jan 2015 20:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.3	22.9	34.3
279	26.3	20.8	31.2

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#26
Benzo(g,h,i)perylene
Concen: 0.88 ng
RT: 23.73 min Scan# 4160
Delta R.T. 0.00 min
Lab File: BE089390.D
Acq: 9 Jan 2015 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.0	30.0
138	36.1	28.5	42.7

