

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
 Data File : BE091000.D
 Acq On : 12 Oct 2015 18:38
 Operator : UM/IZ
 Sample : SST00.167
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST00.167

Manual Integrations
 APPROVED

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 10/13/2015 1:26:11 PM

Quant Time: Oct 13 07:16:02 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 07:04:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	4452	0.40	ng/ul	0.00
2) Naphthalene-d8	9.63	136	20015	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.45	164	11255	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.17	188	29306	0.40	ng/ul	0.00
16) Chrysene-d12	20.33	240	37250	0.40	ng/ul	0.00
20) Perylene-d12	22.24	264	37706	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	13.20	152	21331	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.17	212	8266	0.11	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	9.67	128	4991	0.09	ng/ul#	93
5) 2-Methylnaphthalene	11.21	142	3359	0.09	ng/ul	99
7) Acenaphthylene	13.20	152	21331	0.27	ng/ul	96
8) Acenaphthene	13.51	153	15994	0.25	ng/ul	98
9) Fluorene	14.50	166	4868	0.10	ng/ul#	93
12) Phenanthrene	16.21	178	8662	0.10	ng/ul	98
13) Anthracene	16.29	178	8139	0.10	ng/ul	96
15) Fluoranthene	18.20	202	10074	0.10	ng/ul	97
17) Pyrene	18.58	202	10443	0.08	ng/ul	98
18) Benzo(a)anthracene	20.30	228	10467	0.09	ng/ul	97
19) Chrysene	20.36	228	11252	0.09	ng/ul	98
21) Benzo(b)fluoranthene	21.67	252	12074	0.09	ng/ul	78
22) Benzo(k)fluoranthene	21.70	252	11480	0.09	ng/ul#	81
23) Benzo(a)pyrene	22.14	252	10908	0.09	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	23.92	276	12047m	0.10	ng/ul	
25) Dibenzo(a,h)anthracene	23.87	278	11679	0.11	ng/ul#	90
26) Benzo(a,h,i)perylene	24.49	276	12509	0.11	ng/ul#	90

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

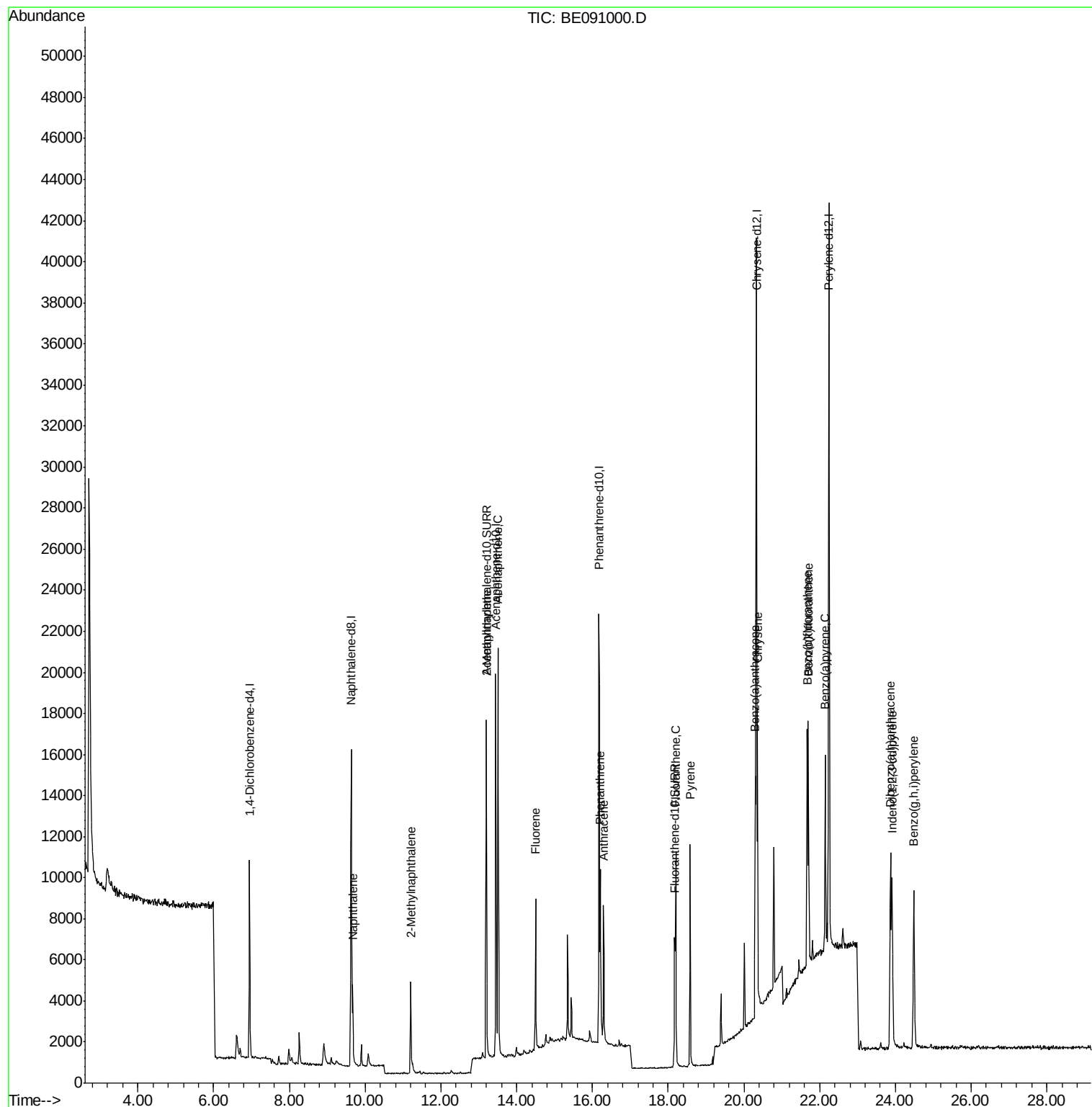
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
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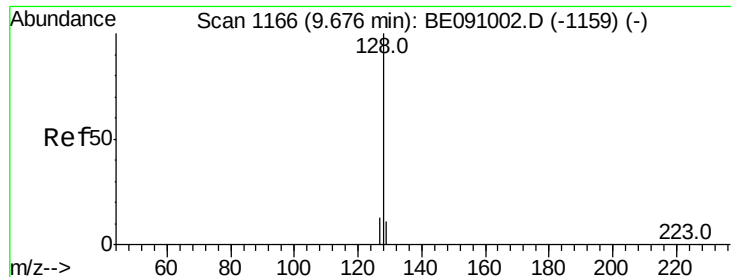
Instrument :
BNA_E
ClientSampleId :
SSTD0.167

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101215.M
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QLast Update : Tue Oct 13 07:04:09 2015
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#3

Naphthalene

Concen: 0.09 ng/ul

RT: 9.67 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Instrument :

BNA_E

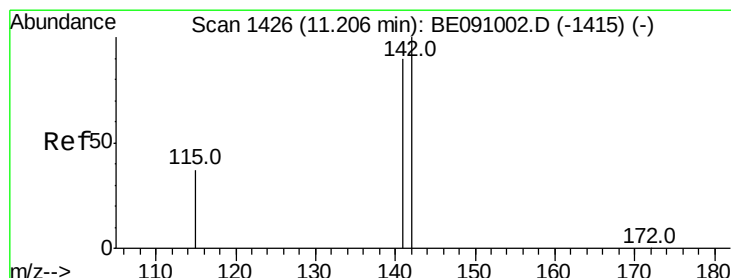
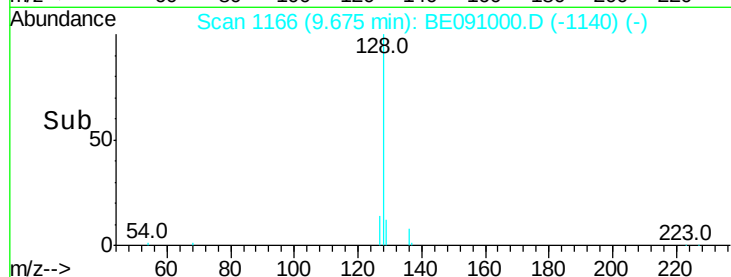
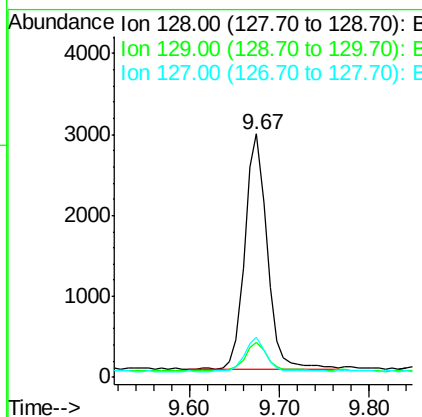
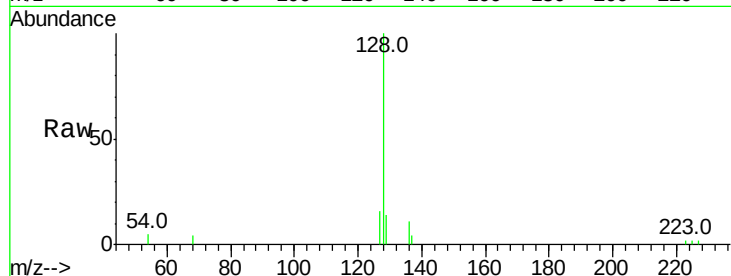
ClientSampleId :

SSTD0.167

Tot Ion:	128	Resp:	4991
Ion Ratio	Lower	Upper	
128	100		
129	14.2	9.3	13.9#
127	16.2	10.4	15.6#

Manual Integrations
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#5

2-Methylnaphthalene

Concen: 0.09 ng/ul

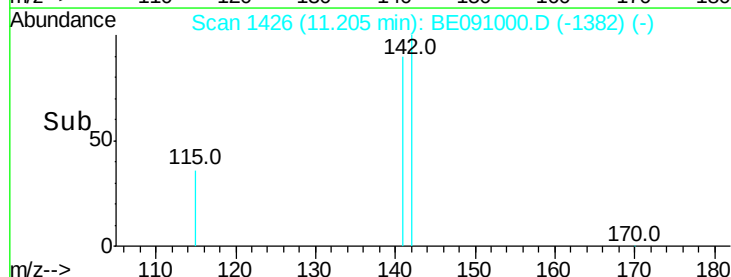
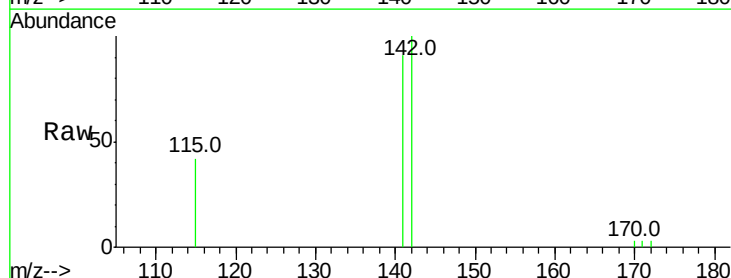
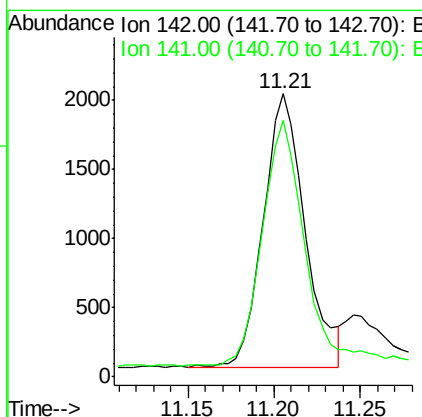
RT: 11.21 min Scan# 1426

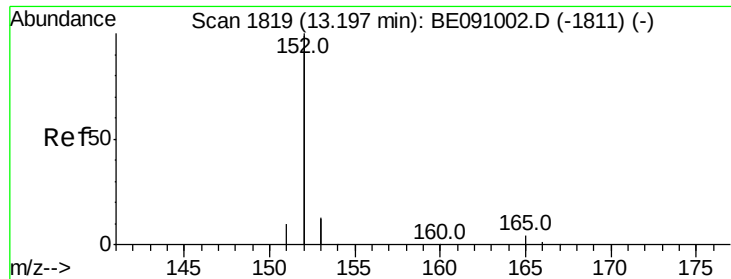
Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Tgt Ion:	142	Resp:	3359
Ion Ratio	Lower	Upper	
142	100		
141	93.5	73.7	110.5





#7

Acenaphthylene

Concen: 0.27 ng/ul

RT: 13.20 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Instrument :

BNA_E

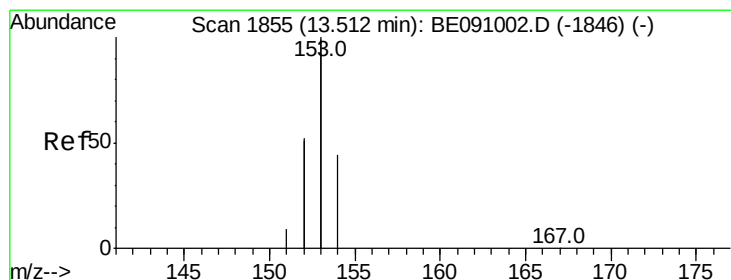
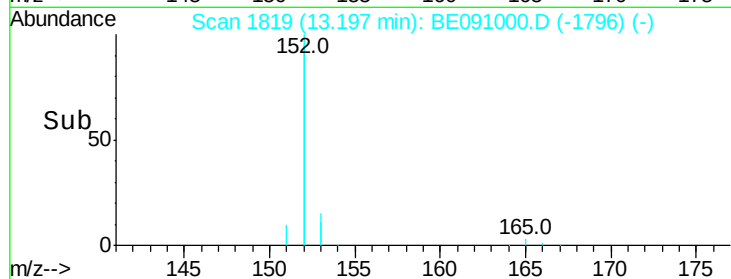
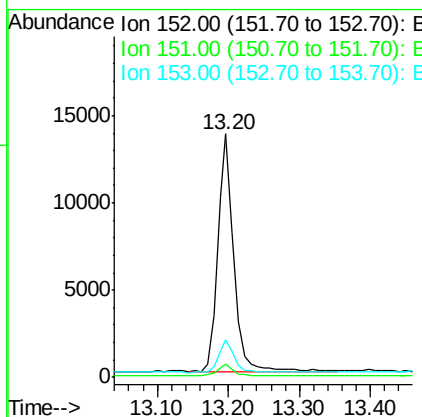
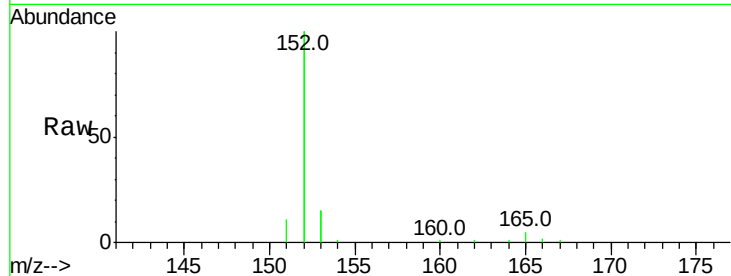
ClientSampleId :

SSTD0.167

Tot Ion:	152	Resp:	21331
Ion Ratio	Lower	Upper	
152	100		
151	5.6	3.9	5.9
153	15.4	10.6	15.8

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#8

Acenaphthene

Concen: 0.25 ng/ul

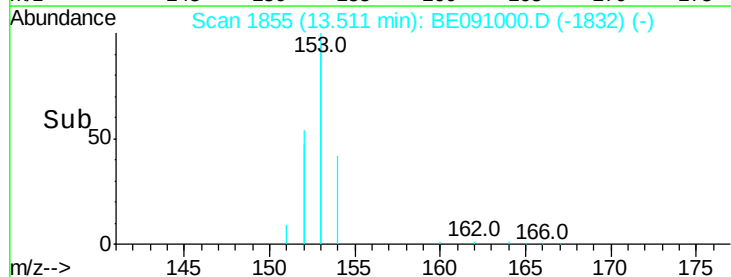
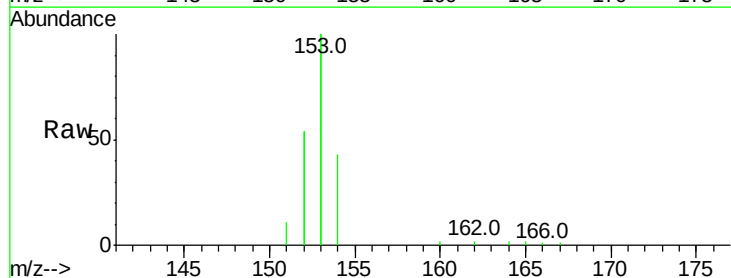
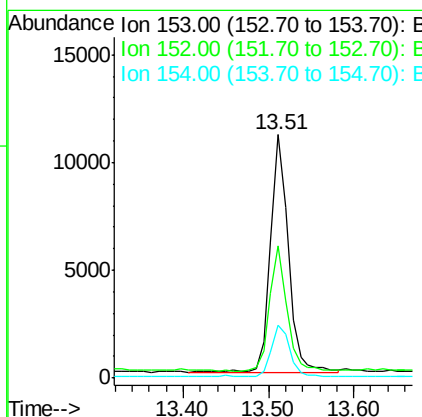
RT: 13.51 min Scan# 1855

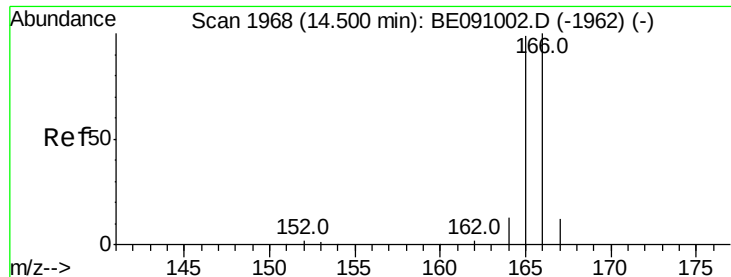
Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Tgt Ion:	153	Resp:	15994
Ion Ratio	Lower	Upper	
153	100		
152	54.4	41.8	62.8
154	21.7	17.8	26.6





#9

Fluorene

Concen: 0.10 ng/ul

RT: 14.50 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Instrument :

BNA_E

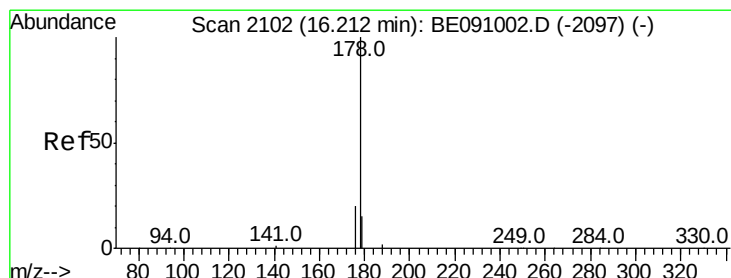
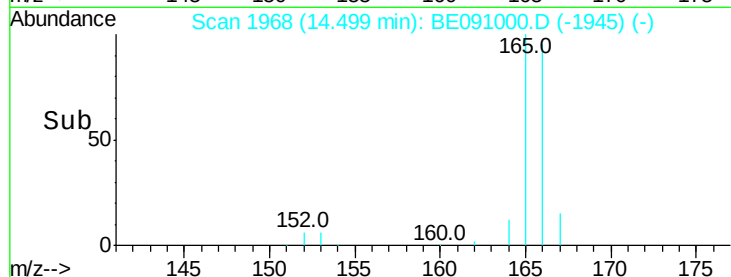
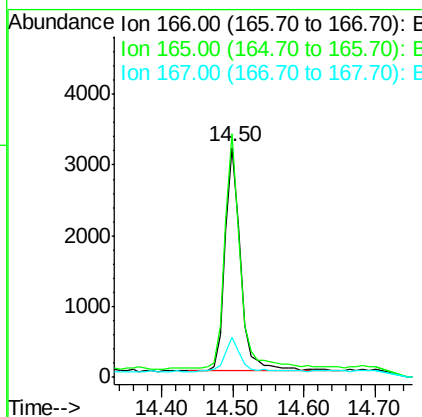
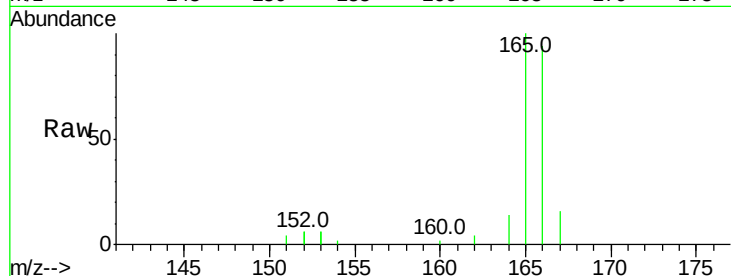
ClientSampleId :

SSTD0.167

Tot Ion:	166	Resp:	4868
Ion Ratio	Lower	Upper	
166	100		
165	105.9	79.2	118.8
167	17.4	10.4	15.6

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#12

Phenanthrene

Concen: 0.10 ng/ul

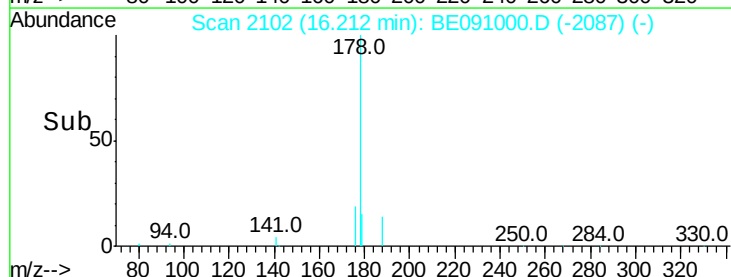
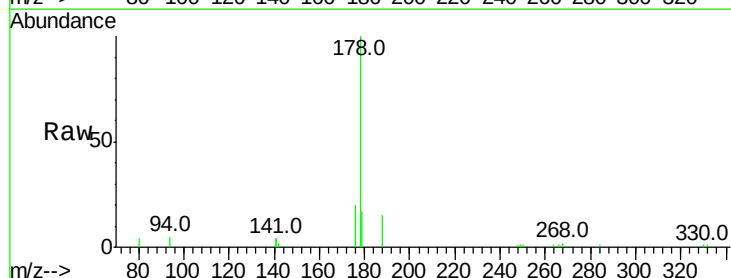
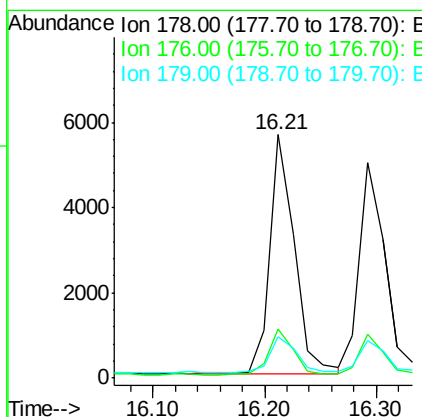
RT: 16.21 min Scan# 2102

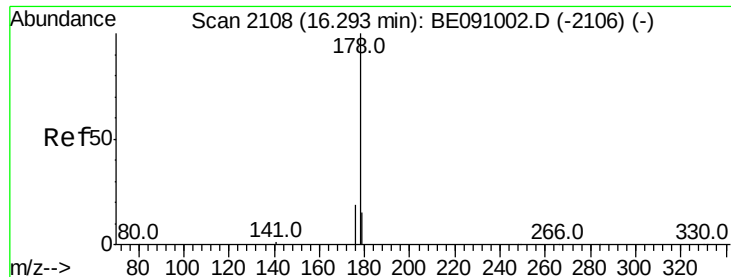
Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Tgt Ion:	178	Resp:	8662
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.2	24.4
179	16.8	12.2	18.2





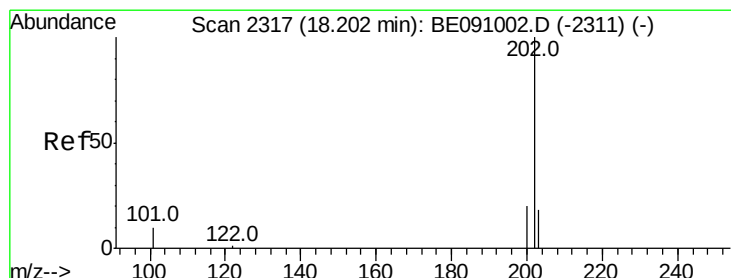
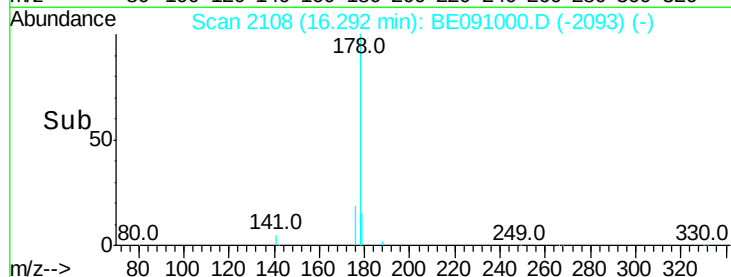
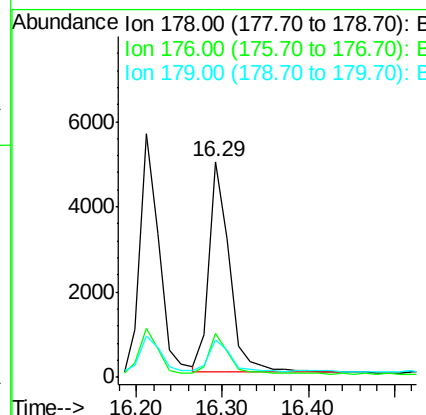
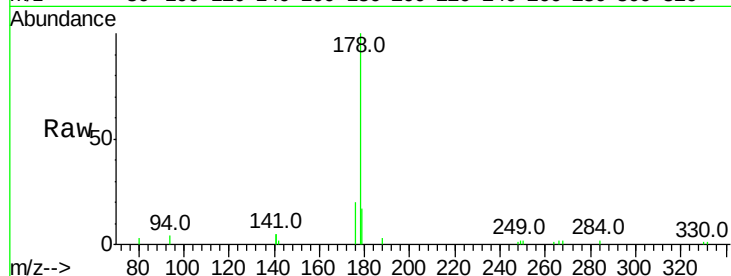
#13
 Anthracene
 Concen: 0.10 ng/ul
 RT: 16.29 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Instrument :
 BNA_E
 ClientSampleId :
 SST00.167

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.0
179	17.4	12.2	18.2

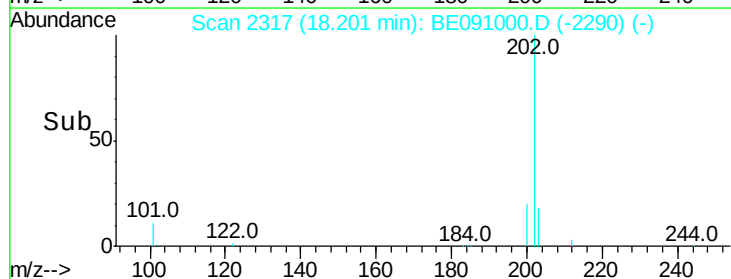
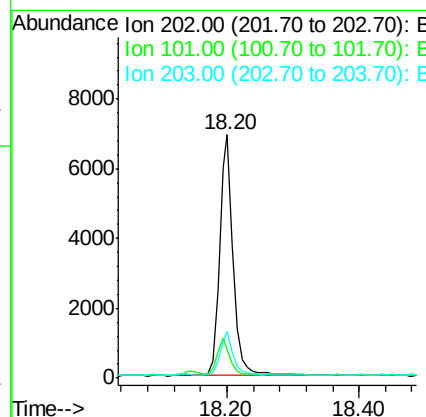
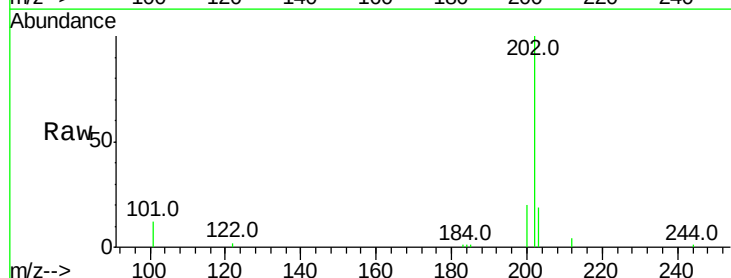
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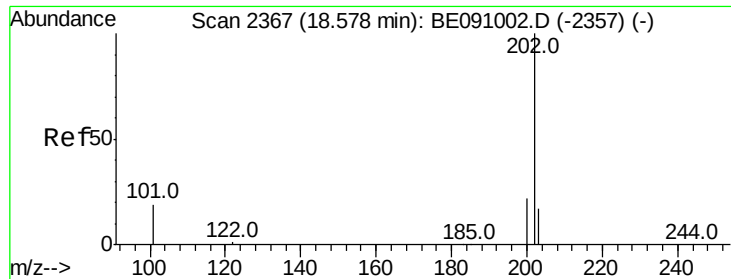
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#15
 Fluoranthene
 Concen: 0.10 ng/ul
 RT: 18.20 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	19.0	0.0	37.9





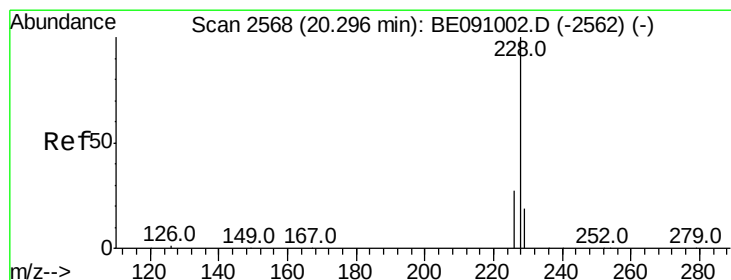
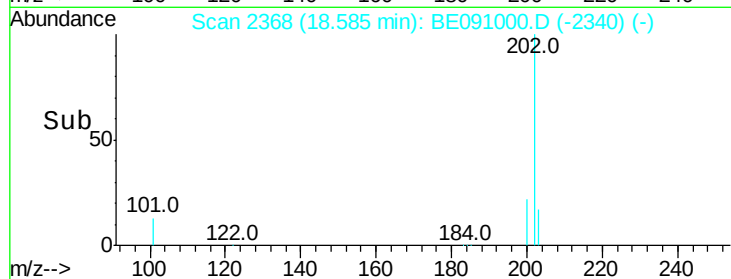
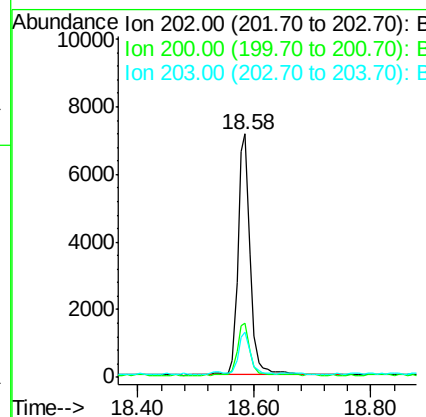
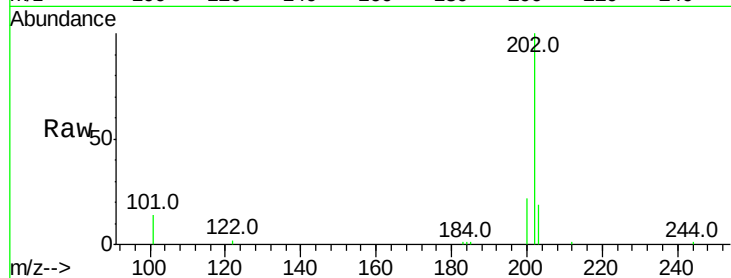
#17
 Pvrene
 Concen: 0.08 ng/ul
 RT: 18.58 min Scan# 2368
 Delta R.T. 0.01 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Instrument :
 BNA_E
 ClientSampleId :
 SST00.167

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.5	14.0	21.0

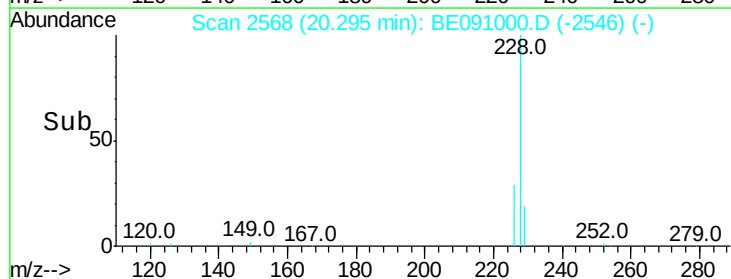
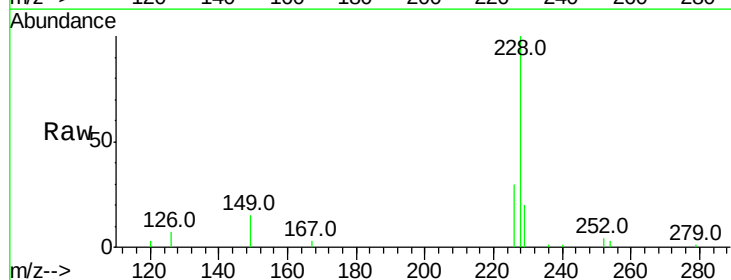
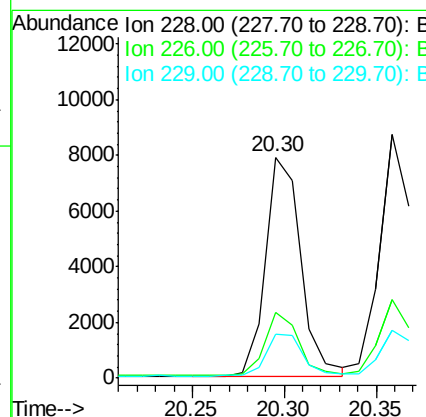
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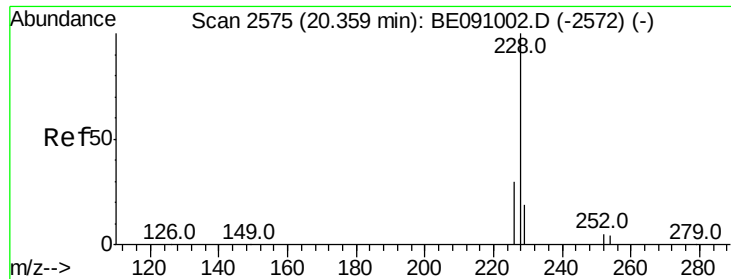
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#18
 Benzo(a)anthracene
 Concen: 0.09 ng/ul
 RT: 20.30 min Scan# 2568
 Delta R.T. -0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.2	33.2
229	19.8	15.2	22.8





#19

Chrysene

Concen: 0.09 ng/ul

RT: 20.36 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Instrument :

BNA_E

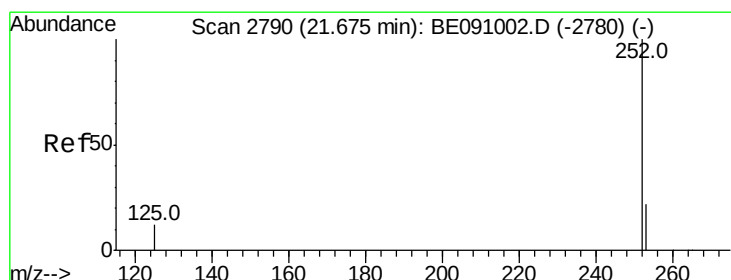
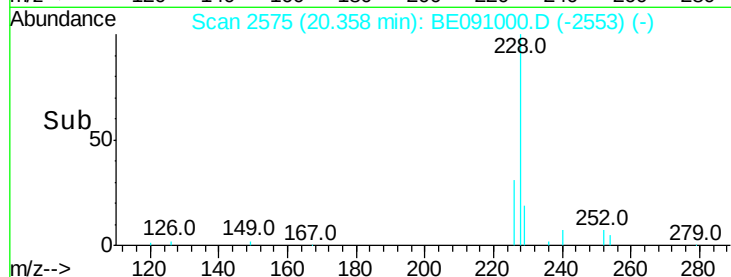
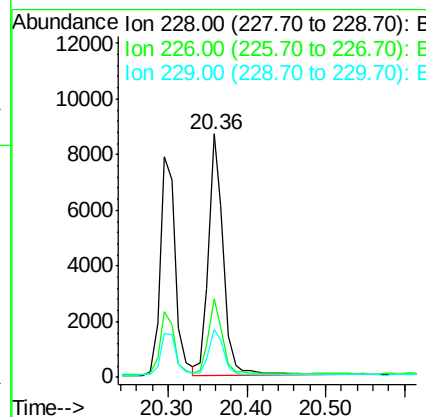
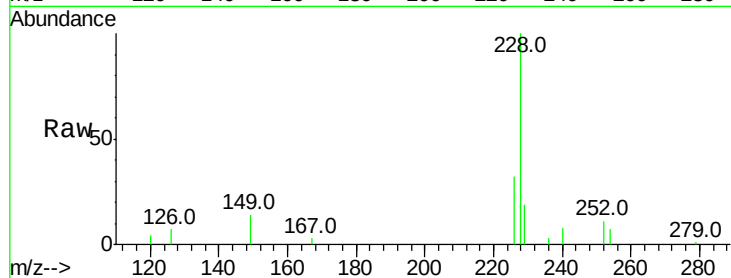
ClientSampleId :

SSTD0.167

Tot Ion:	228	Resp:	11252
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.5	36.7
229	19.5	15.1	22.7

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul

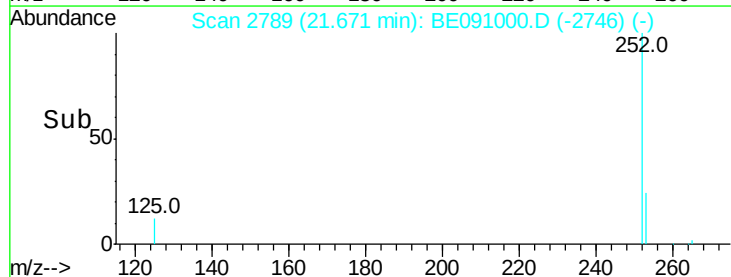
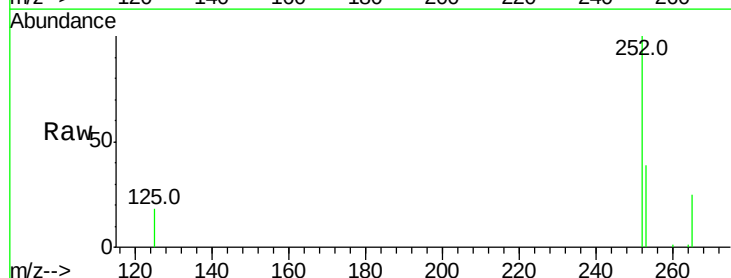
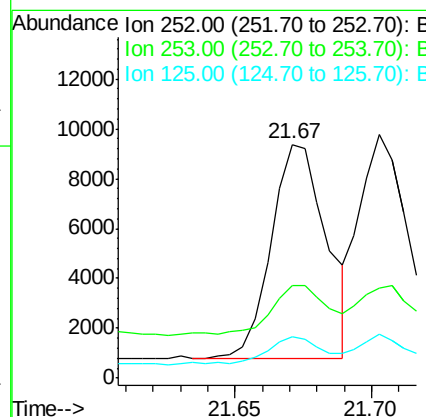
RT: 21.67 min Scan# 2789

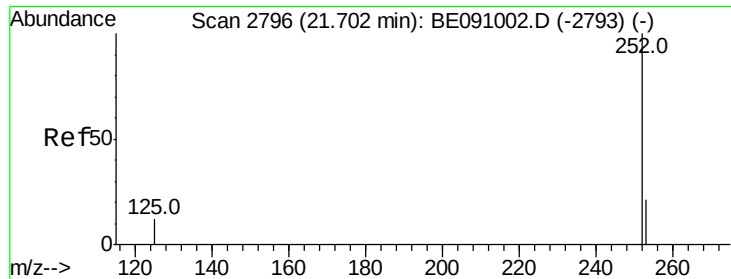
Delta R.T. -0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Tgt Ion:	252	Resp:	12074
Ion Ratio	Lower	Upper	
252	100		
253	39.4	0.0	51.6
125	17.7	0.0	26.0





#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 21.70 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Instrument :

BNA_E

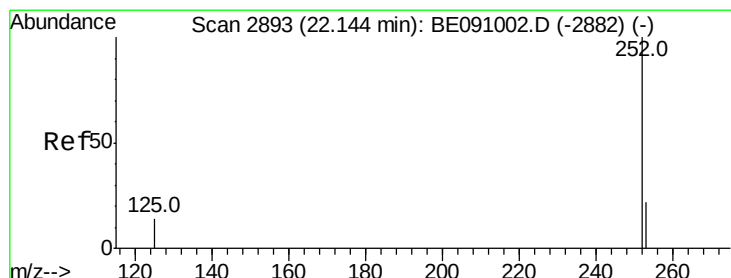
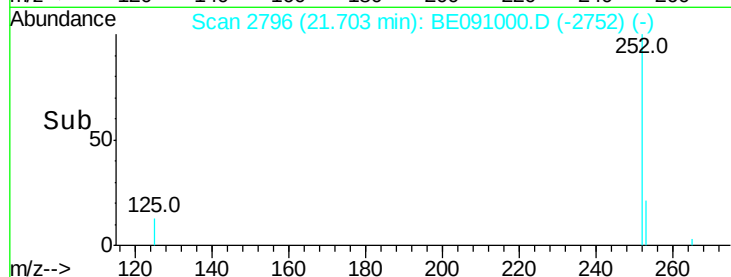
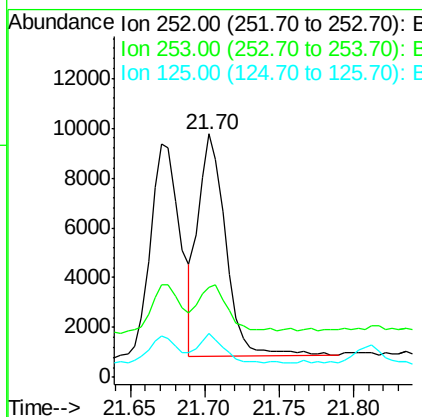
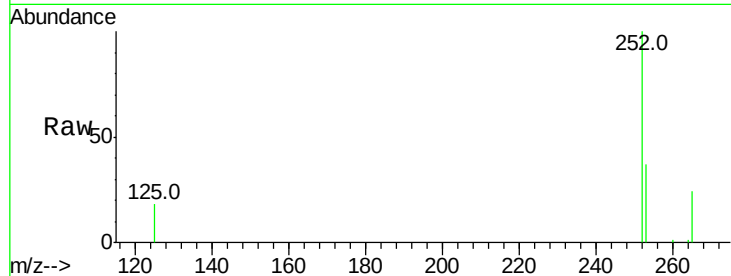
ClientSampleId :

SSTD0.167

Tot Ion:	252	Resp:	11480
Ion Ratio	Lower	Upper	
252	100		
253	37.1	20.2	30.4#
125	17.9	10.6	16.0#

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#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

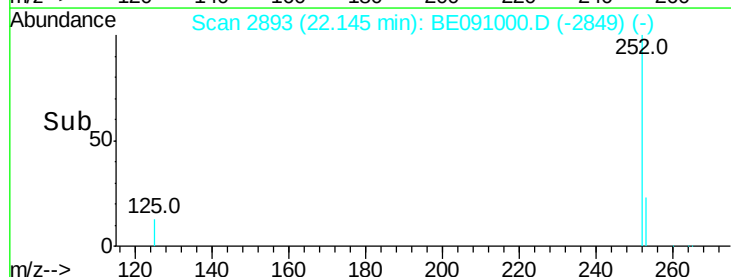
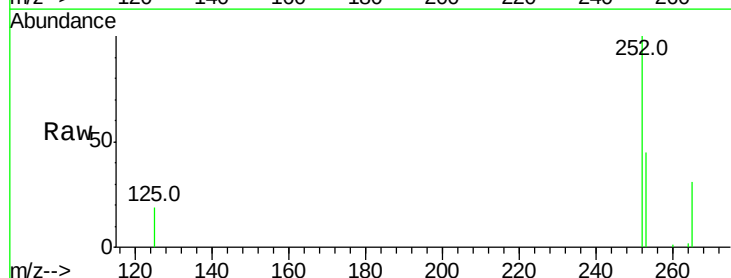
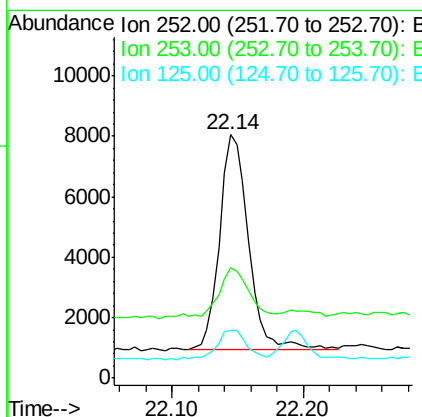
RT: 22.14 min Scan# 2893

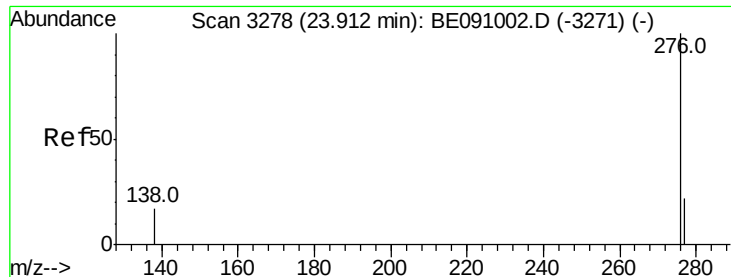
Delta R.T. 0.00 min

Lab File: BE091000.D

Acq: 12 Oct 2015 18:38

Tgt Ion:	252	Resp:	10908
Ion Ratio	Lower	Upper	
252	100		
253	45.2	21.7	32.5#
125	19.4	12.2	18.2#





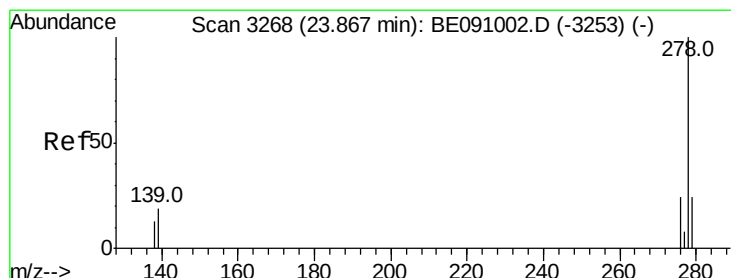
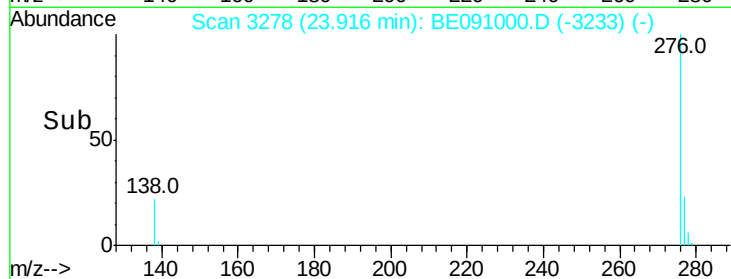
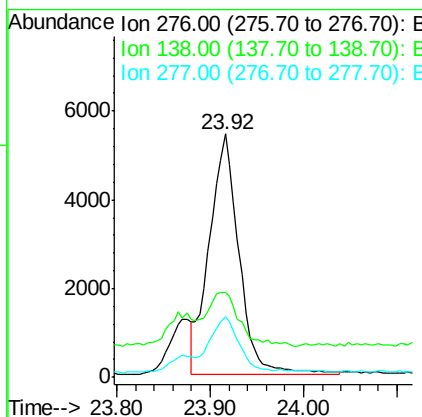
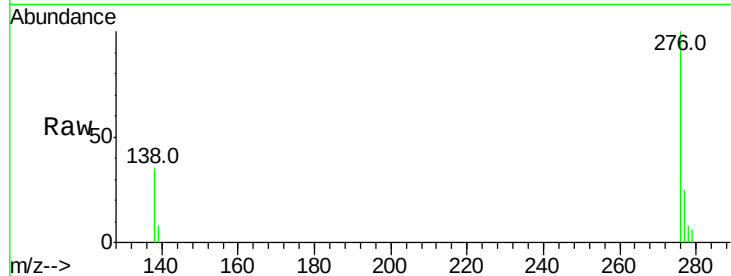
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.10 ng/ul m
 RT: 23.92 min Scan# 3278
 Delta R.T. 0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Instrument :
 BNA_E
 ClientSampleId :
 SST00.167

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.1	27.1
277	21.8	19.0	28.6

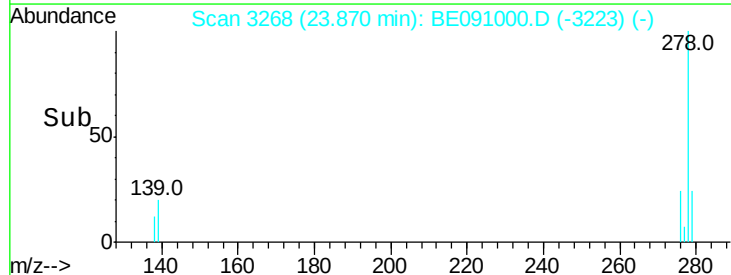
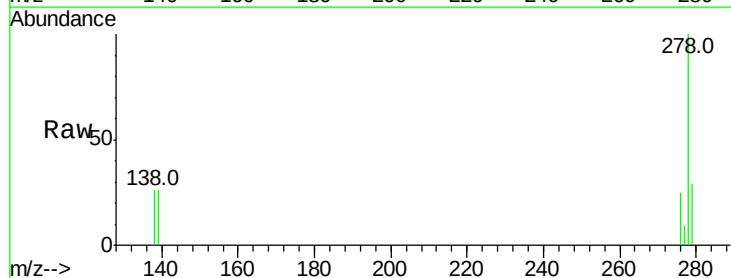
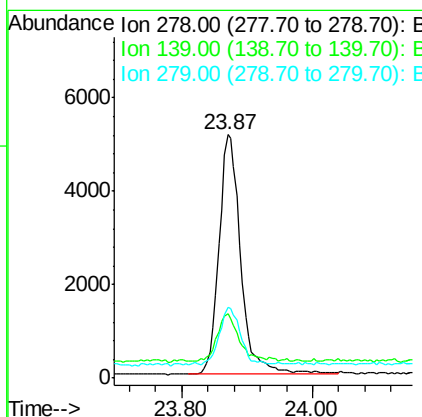
Manual Integrations
 APPROVED

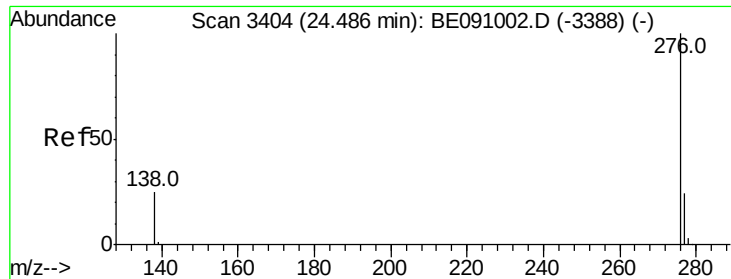
MMdadoda
 10/13/2015 1:26:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 23.87 min Scan# 3268
 Delta R.T. 0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.4	16.1	24.1#
279	29.0	20.1	30.1





#26
 Benzo(a,h,i)perylene
 Concen: 0.11 ng/ul
 RT: 24.49 min Scan# 3403
 Delta R.T. -0.00 min
 Lab File: BE091000.D
 Acq: 12 Oct 2015 18:38

Instrument :
 BNA_E
 ClientSampleId :
 SST00.167

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.7	29.5
138	37.4	22.6	34.0

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:26:11 PM

