

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094704.D
 Acq On : 3 Nov 2017 13:12
 Operator : SJ/JU
 Sample : I5825-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-67(2.5-3.8)-101017

Manual Integrations
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 11/6/2017 5:58:36 PM

Quant Time: Nov 05 12:19:47 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 00:03:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1551	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	9525	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	7030	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	10511	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9955	0.40	ng/ul	-0.01
20) Perylene-d12	23.96	264	10352	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.25	152	1733m	0.11	ng/ul	-0.05
14) Fluoranthene-d10	19.28	212	1401	0.04	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	386532	16.597	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	66362	4.073	ng/ul	100
7) Acenaphthylene	14.23	152	9510	0.299	ng/ul#	1
8) Acenaphthene	14.57	153	22837	0.999	ng/ul#	78
9) Fluorene	15.56	166	54261	2.115	ng/ul#	85
12) Phenanthrene	17.29	178	95052	3.424	ng/ul	97
13) Anthracene	17.38	178	25932m	0.947	ng/ul	
15) Fluoranthene	19.31	202	181665	5.660	ng/ul	84
17) Pyrene	19.67	202	172758	5.614	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	56688	1.992	ng/ul#	92
19) Chrysene	21.46	228	64263	2.185	ng/ul#	91
21) Benzo(b)fluoranthene	23.18	252	60783m	2.087	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	21367m	0.685	ng/ul	
23) Benzo(a)pyrene	23.85	252	34206	1.175	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	26.67	276	20267	0.673	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	5905	0.233	ng/ul#	29
26) Benzo(g,h,i)perylene	27.52	276	16019	0.662	ng/ul#	77

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

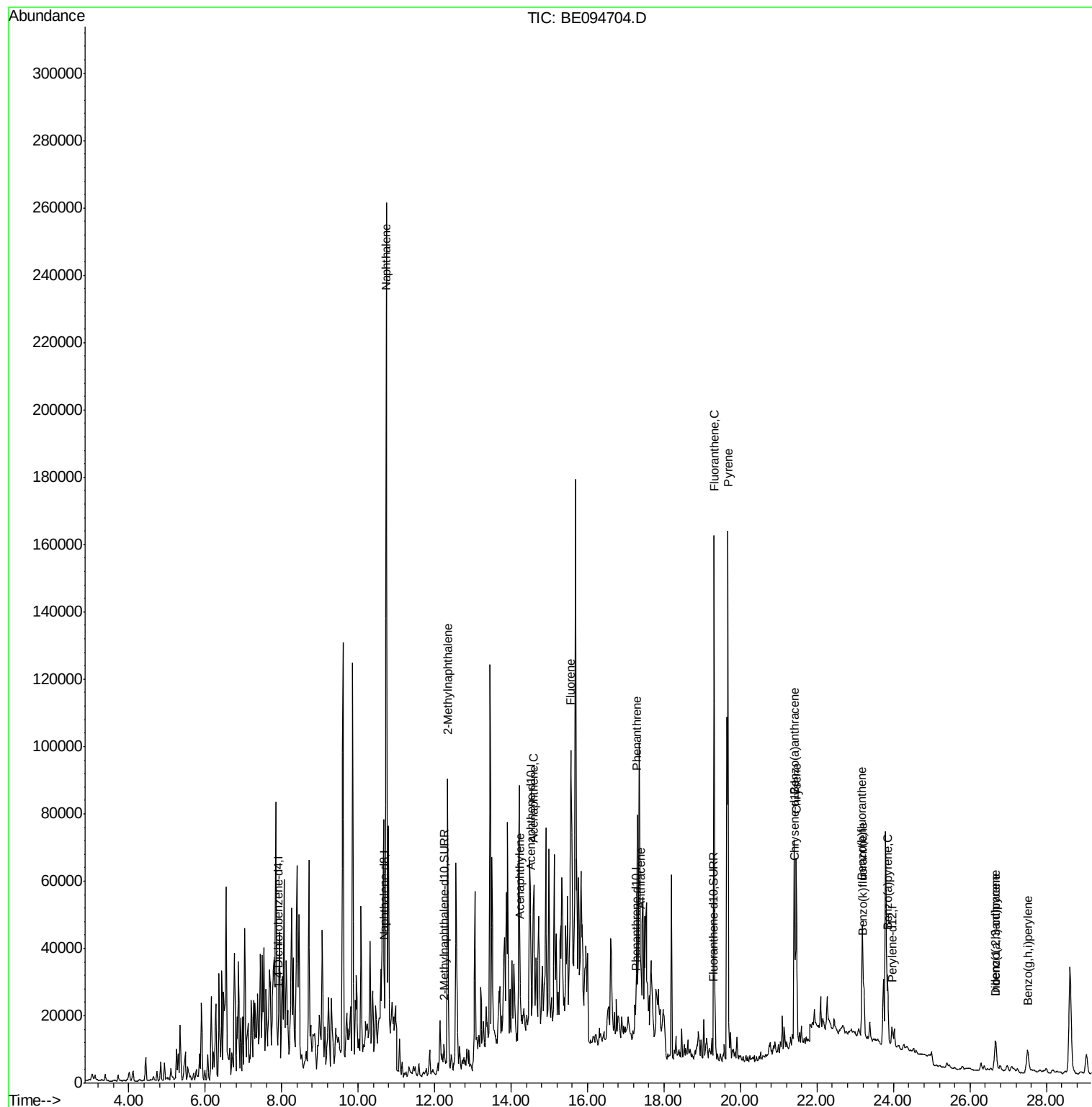
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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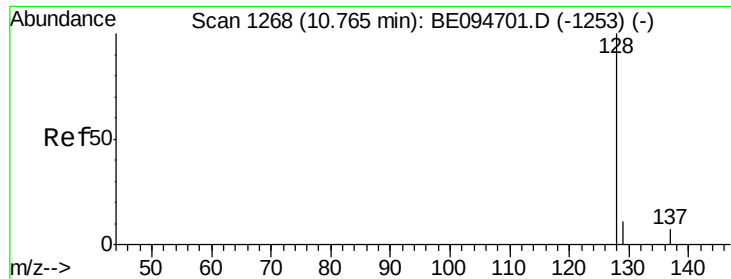
Instrument :
BNA_E
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B-67(2.5-3.8)-101017

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QLast Update : Sat Nov 04 00:03:51 2017
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#3

Naphthalene

Concen: 16.597 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

ClientSampleId :

B-67(2.5-3.8)-101017

Tgt Ion:128 Resp: 386532

Ion Ratio Lower Upper

128 100

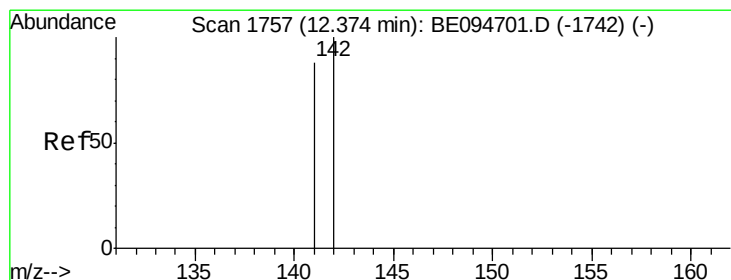
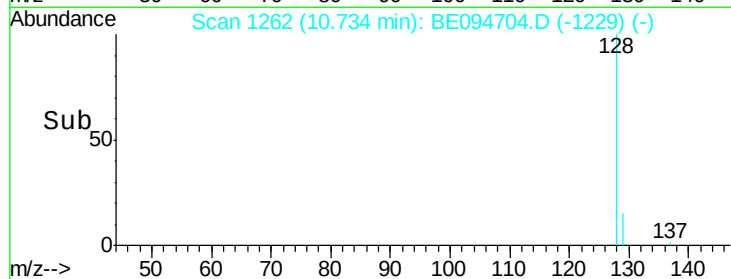
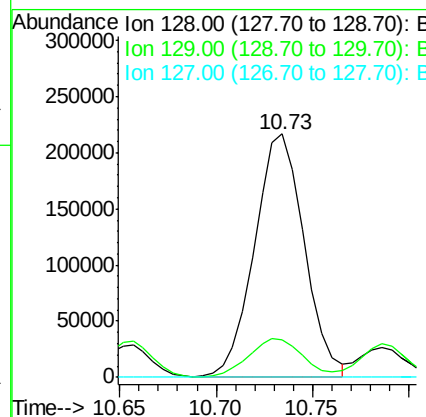
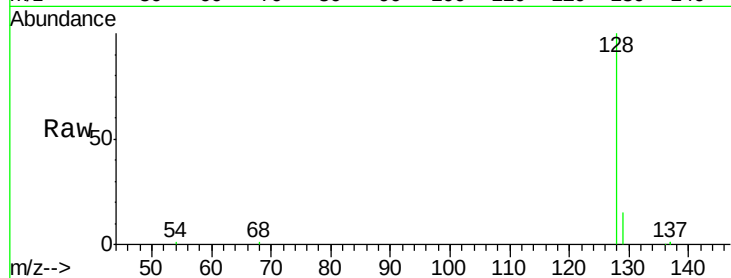
129 15.5 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 4.073 ng/ul

RT: 12.34 min Scan# 1745

Delta R.T. -0.04 min

Lab File: BE094704.D

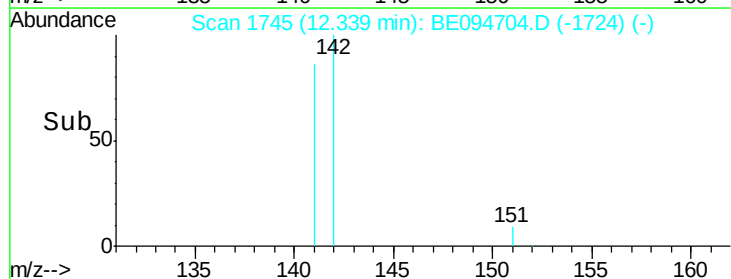
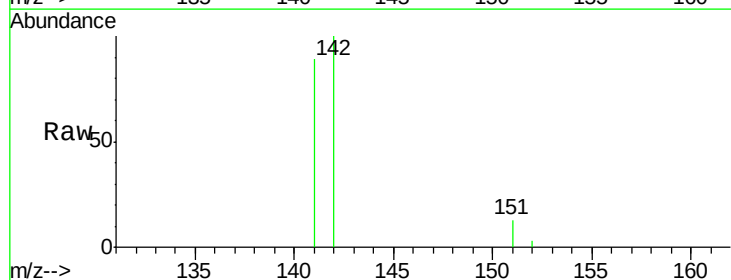
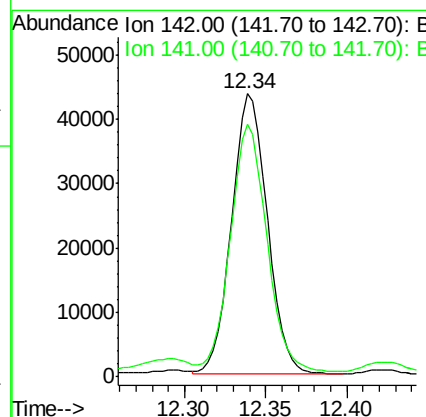
Acq: 3 Nov 2017 13:12

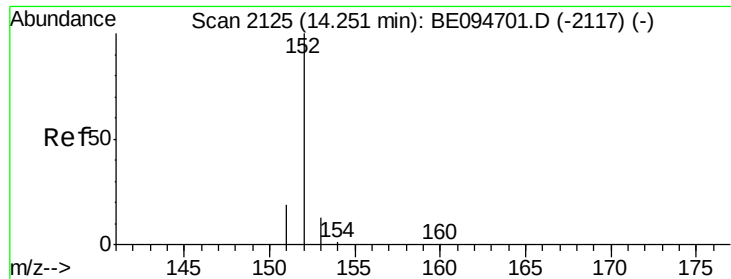
Tgt Ion:142 Resp: 66362

Ion Ratio Lower Upper

142 100

141 90.4 72.6 108.8





#7

Acenaphthylene

Concen: 0.299 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

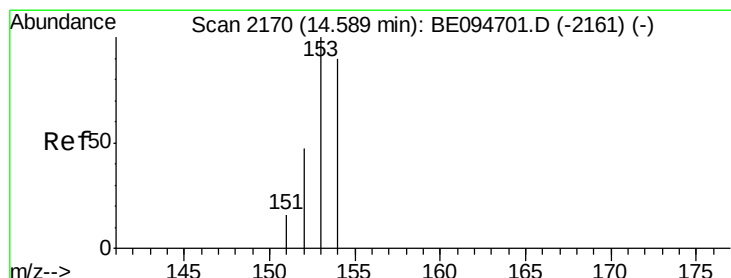
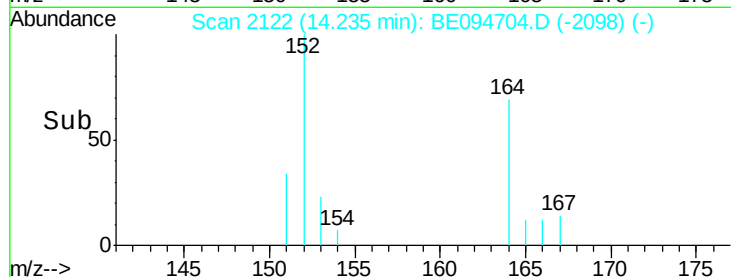
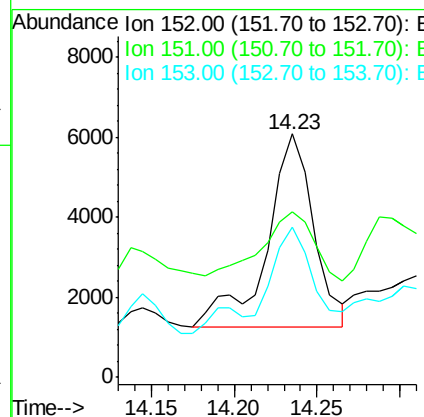
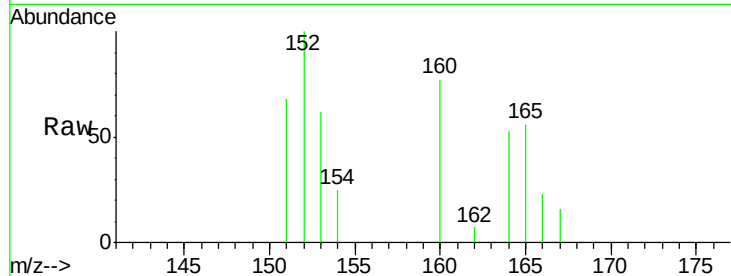
ClientSampleId :

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Tgt Ion:	152	Resp:	9510
Ion Ratio	Lower	Upper	
152	100		
151	67.8	17.1	25.7#
153	61.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.999 ng/ul

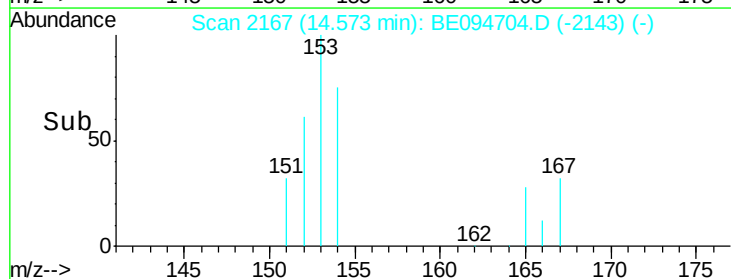
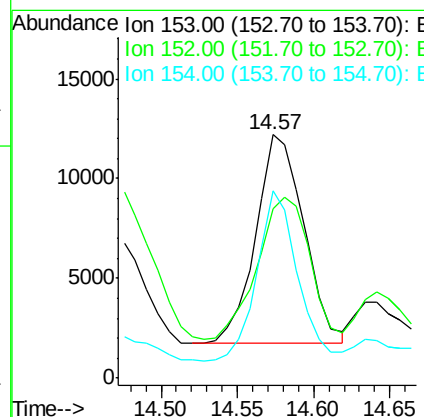
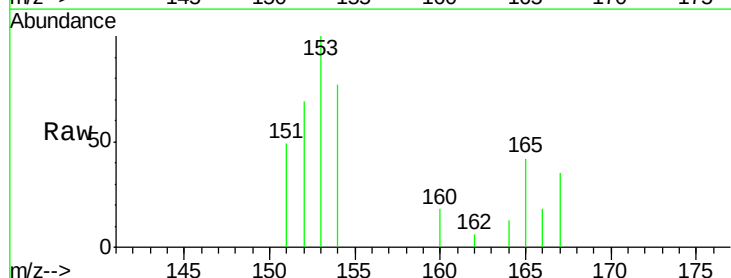
RT: 14.57 min Scan# 2167

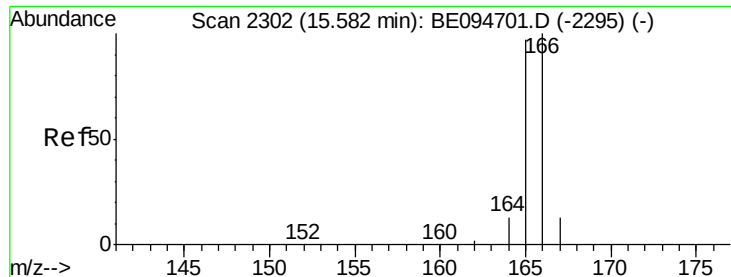
Delta R.T. -0.02 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Tgt Ion:	153	Resp:	22837
Ion Ratio	Lower	Upper	
153	100		
152	69.4	36.0	54.0#
154	76.7	72.0	108.0





#9

Fluorene

Concen: 2.115 ng/ul

RT: 15.56 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

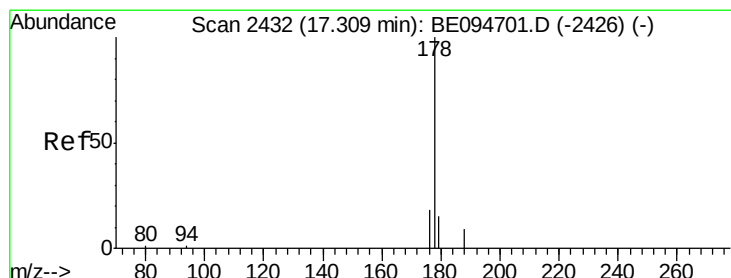
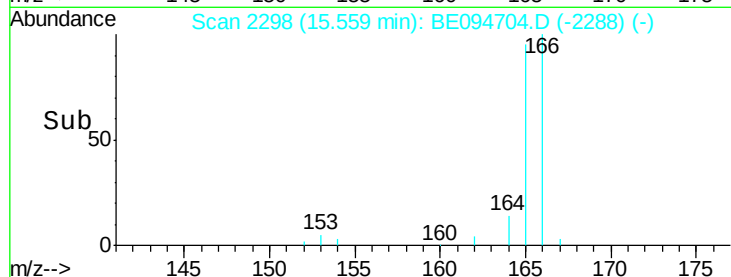
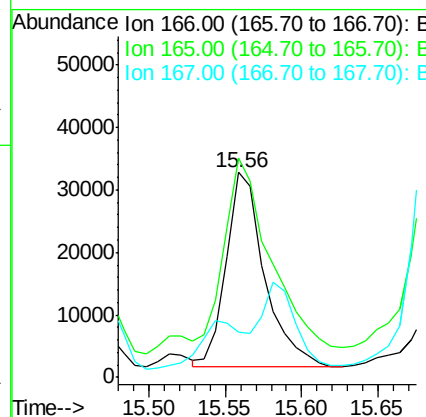
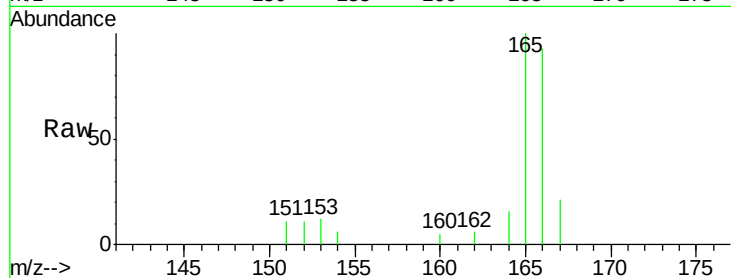
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.0	73.4	110.2
167	22.3	14.6	22.0

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#12

Phenanthrene

Concen: 3.424 ng/ul

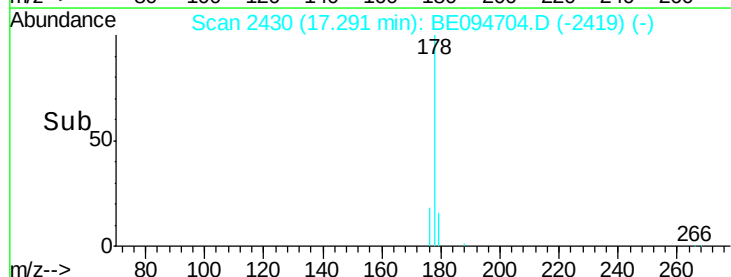
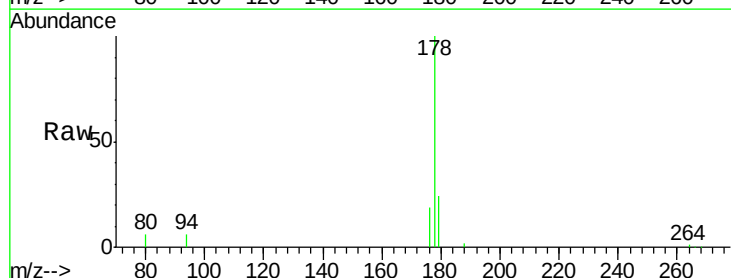
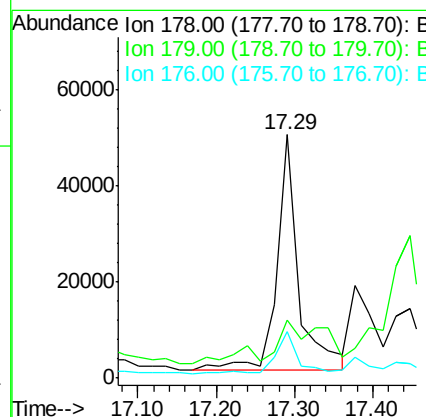
RT: 17.29 min Scan# 2430

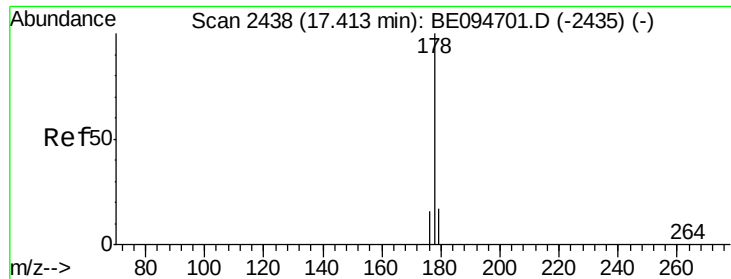
Delta R.T. -0.02 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.8	18.4	27.6
176	19.1	13.6	20.4





#13

Anthracene

Concen: 0.947 ng/ul m

RT: 17.38 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

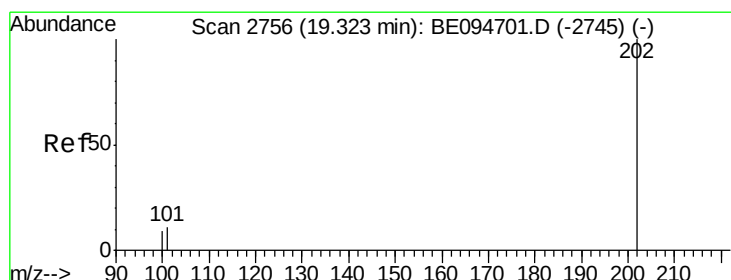
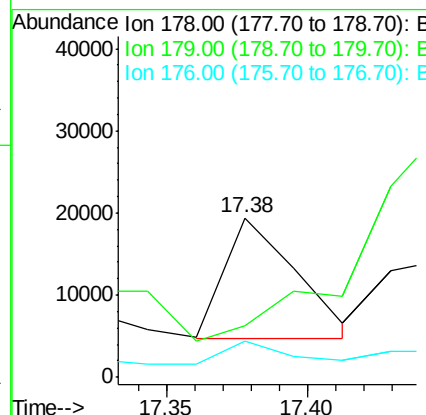
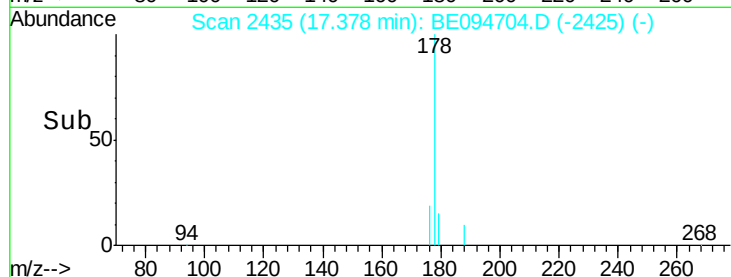
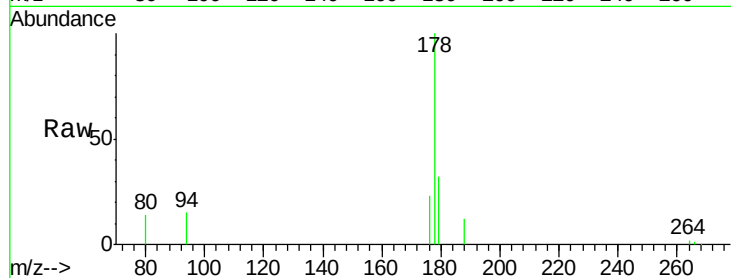
ClientSampleId :

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Tgt Ion:	178	Resp:	25932
Ion Ratio	Lower	Upper	
178	100		
179	32.3	18.1	27.1#
176	22.5	14.7	22.1#

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#15

Fluoranthene

Concen: 5.660 ng/ul

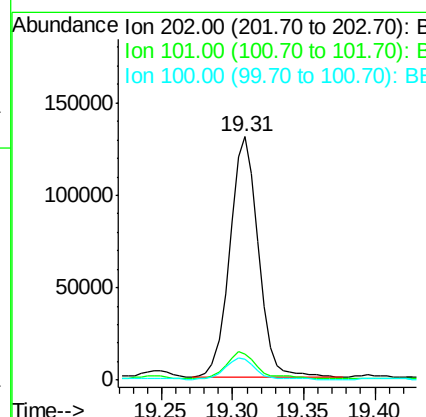
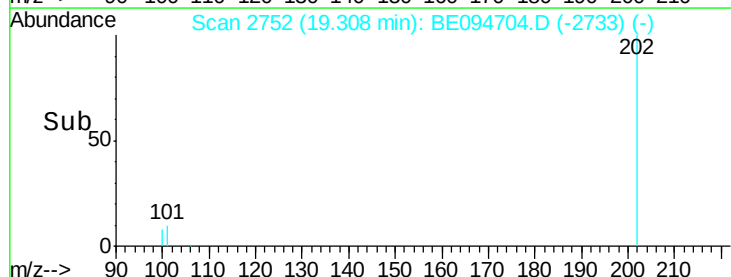
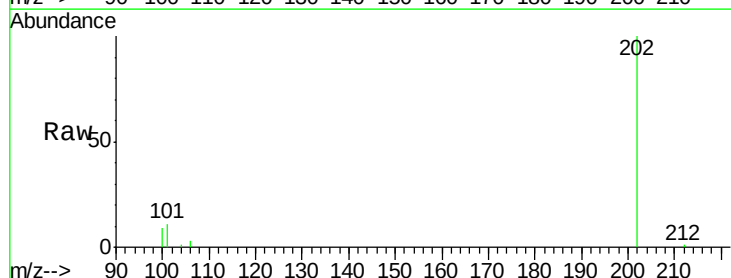
RT: 19.31 min Scan# 2752

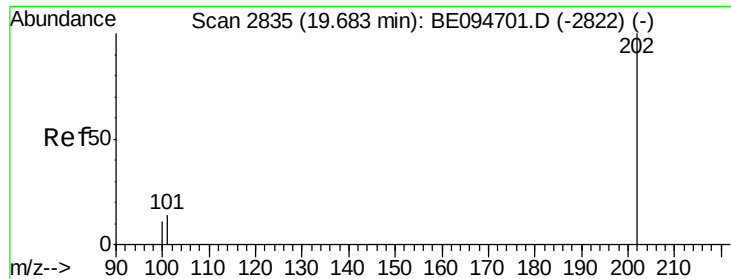
Delta R.T. -0.01 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Tgt Ion:	202	Resp:	181665
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.3
100	8.6	0.0	39.5





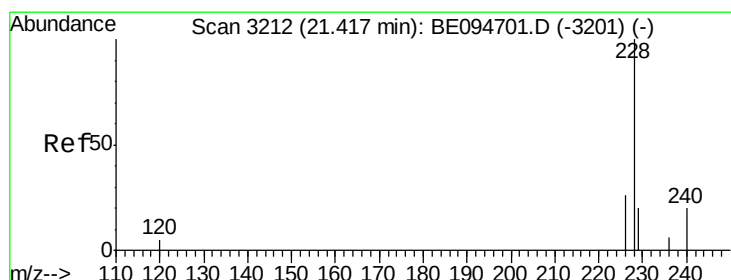
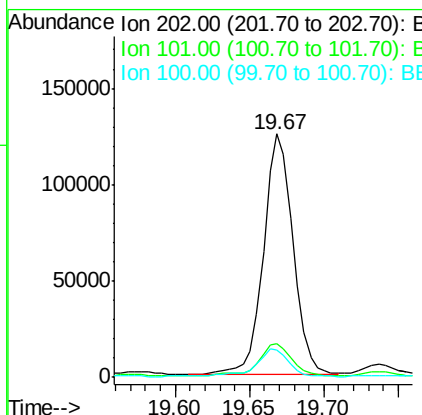
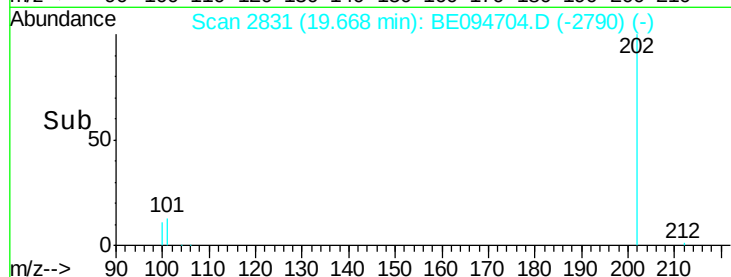
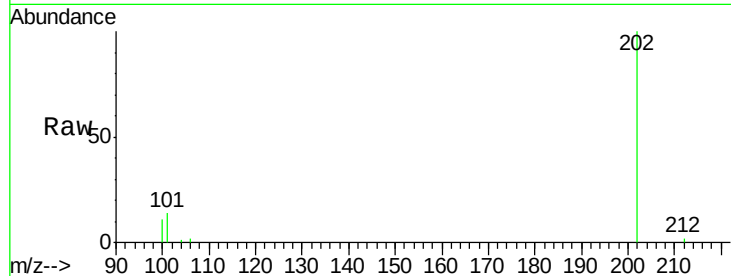
#17
Pyrene
 Concen: 5.614 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BE094704.D
 Acq: 3 Nov 2017 13:12

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	18.2	27.4#
100	11.3	15.6	23.4#

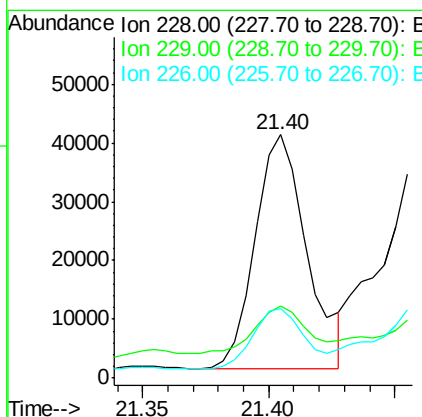
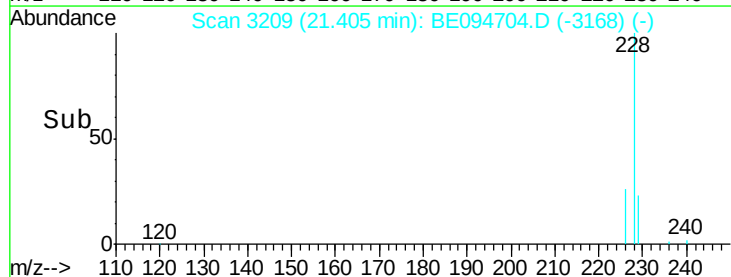
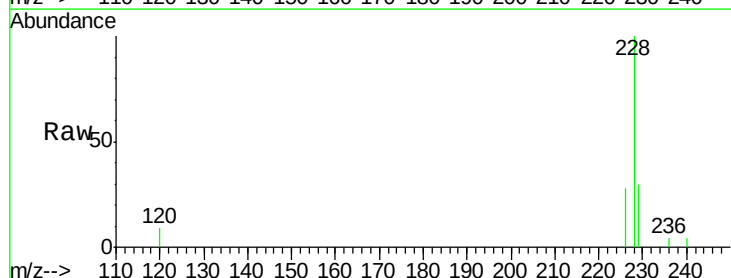
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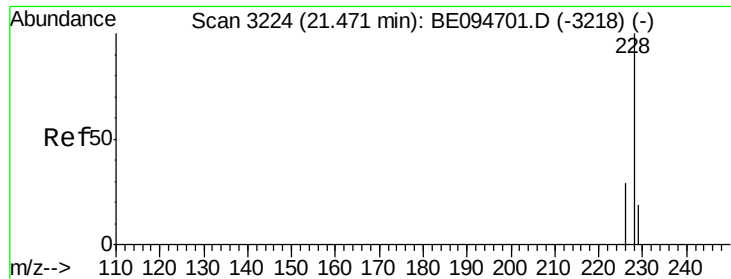
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#18
Benzo(a)anthracene
 Concen: 1.992 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094704.D
 Acq: 3 Nov 2017 13:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	29.6	22.8	34.2
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 2.185 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

ClientSampleId :

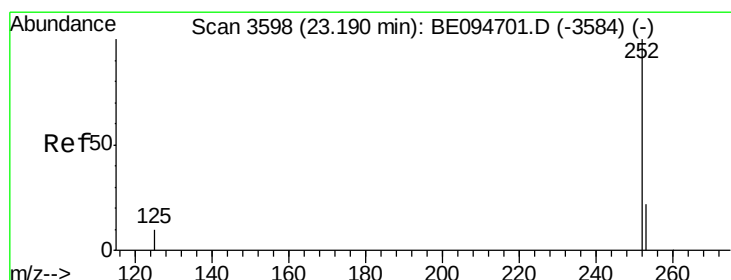
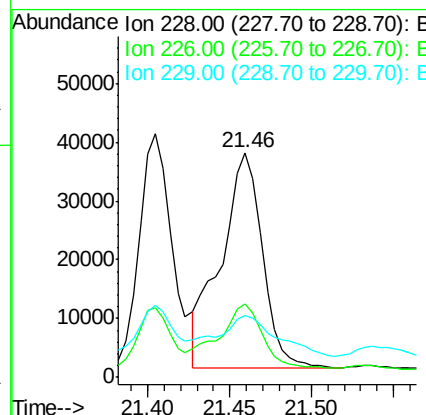
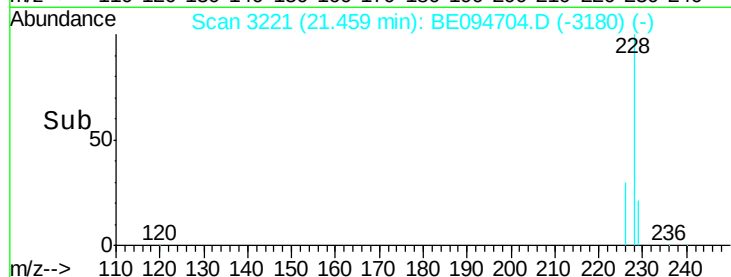
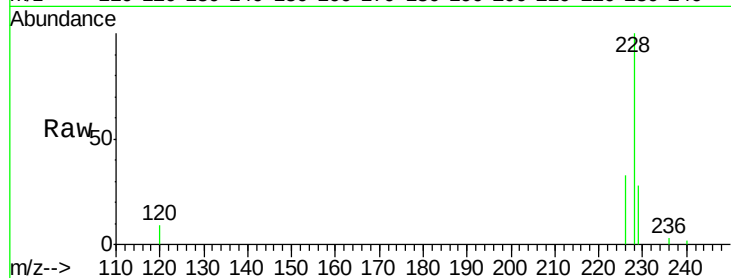
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Tgt Ion:228 Resp: 64263

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	27.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.087 ng/ul m

RT: 23.18 min Scan# 3596

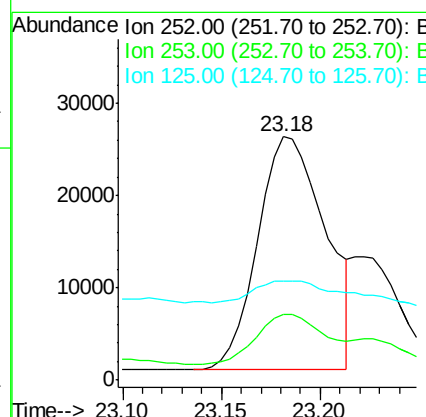
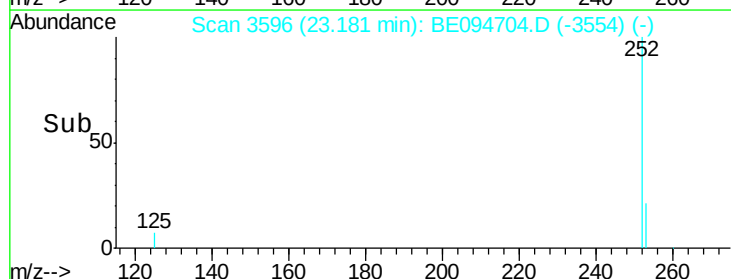
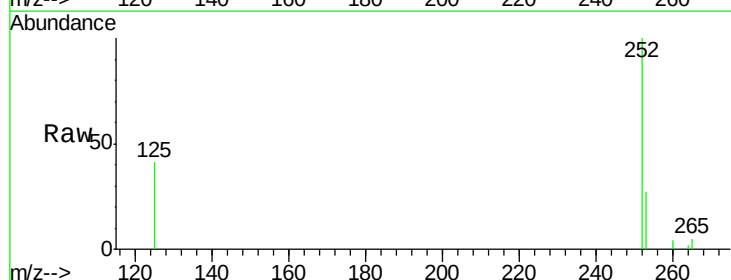
Delta R.T. -0.01 min

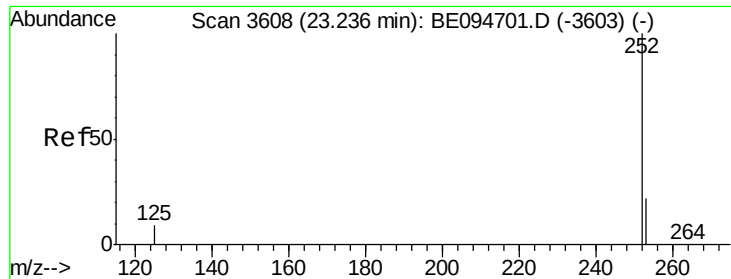
Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Tgt Ion:252 Resp: 60783

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	64.2
125	40.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.685 ng/ul m

RT: 23.22 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094704.D

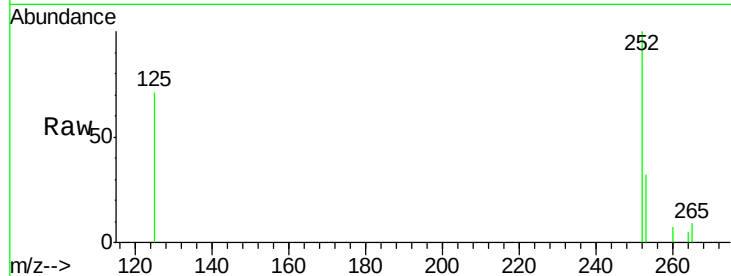
Acq: 3 Nov 2017 13:12

Instrument :

BNA_E

ClientSampleId :

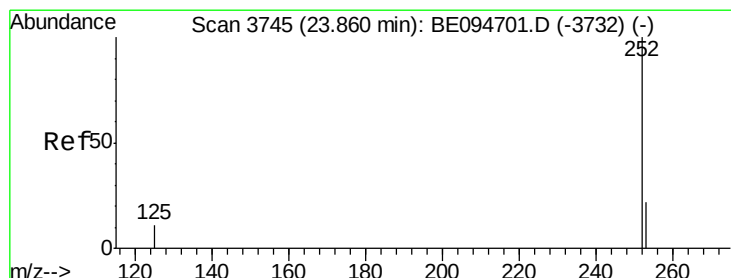
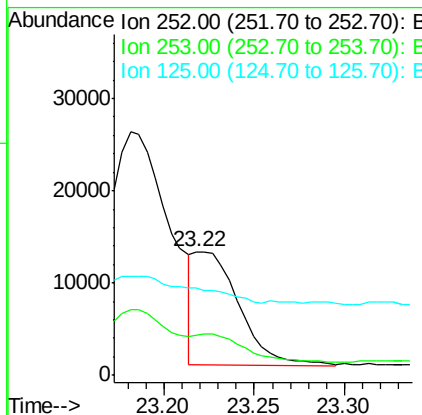
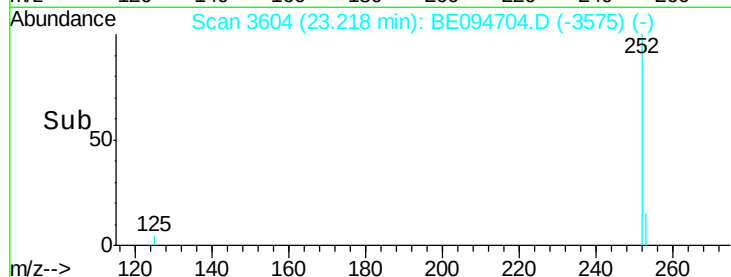
B-67(2.5-3.8)-101017



Tgt Ion:	252	Resp:	21367
Ion Ratio	Lower	Upper	
252	100		
253	32.4	24.5	36.7
125	70.7	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.175 ng/ul

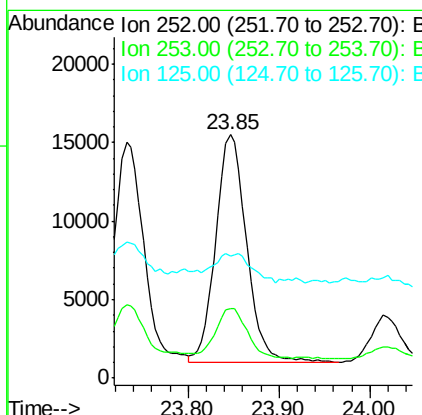
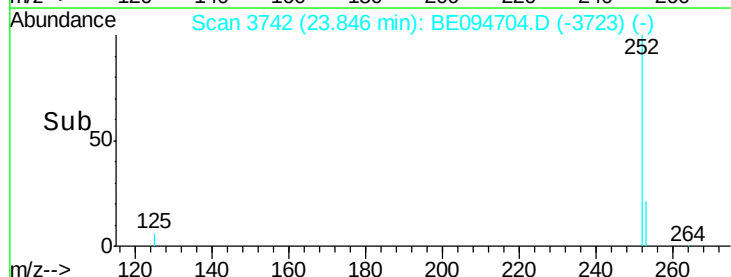
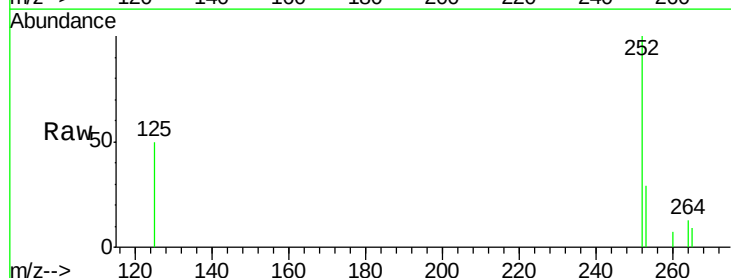
RT: 23.85 min Scan# 3742

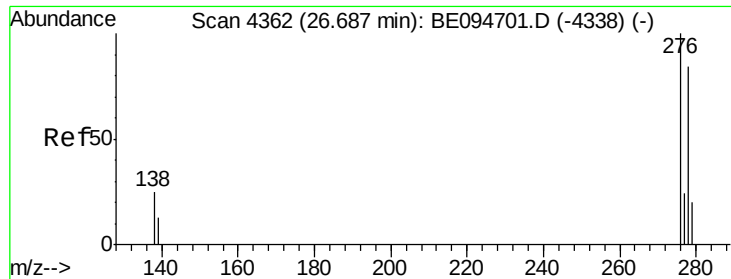
Delta R.T. -0.01 min

Lab File: BE094704.D

Acq: 3 Nov 2017 13:12

Tgt Ion:	252	Resp:	34206
Ion Ratio	Lower	Upper	
252	100		
253	28.8	28.5	42.7
125	50.3	18.1	27.1#





#24

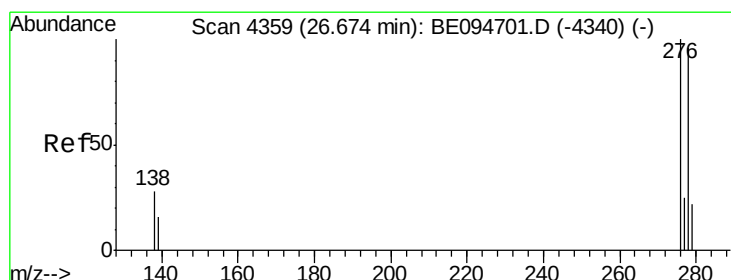
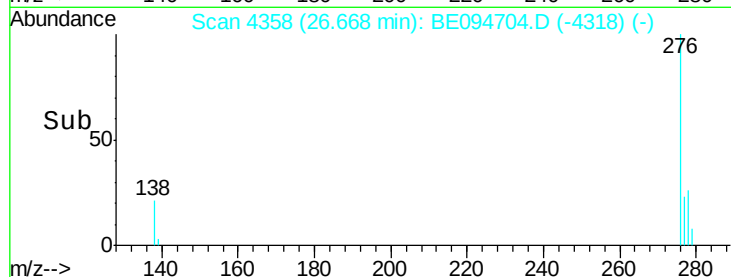
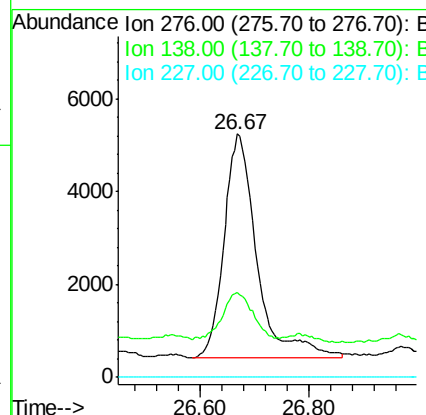
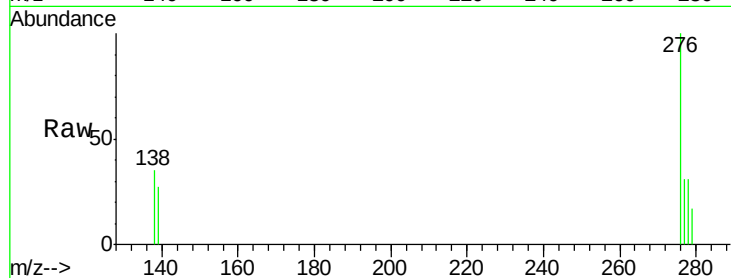
Indeno(1,2,3-cd)pyrene
Concen: 0.673 ng/ul
RT: 26.67 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BE094704.D
Acq: 3 Nov 2017 13:12

Instrument :
BNA_E
ClientSampleId :
B-67(2.5-3.8)-101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

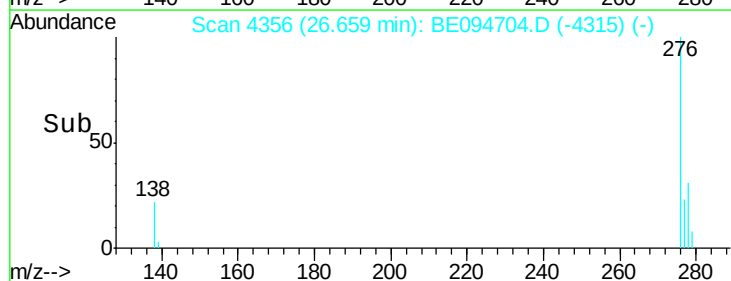
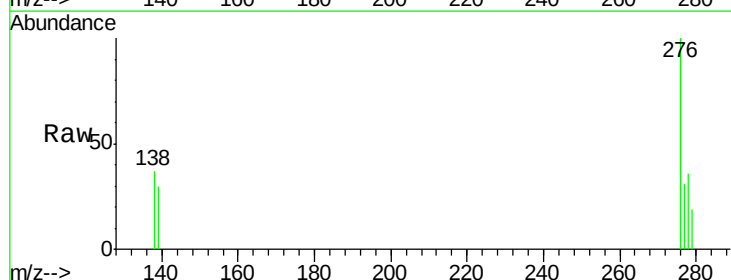
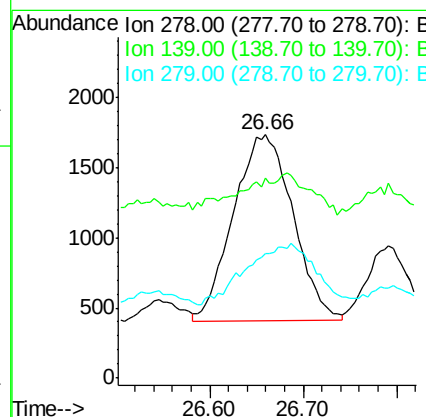
Sohil
11/6/2017 5:58:36 PM

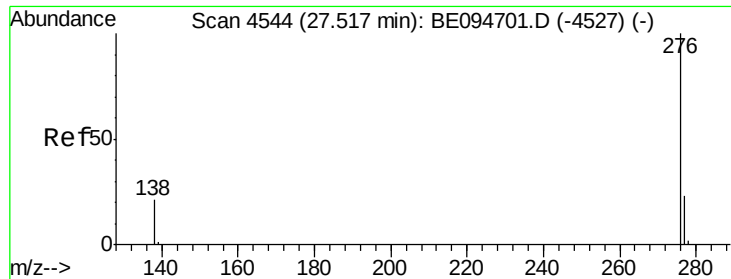


#25

Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094704.D
Acq: 3 Nov 2017 13:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	82.4	17.4	26.0#
279	51.1	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.662 ng/ul
 RT: 27.52 min Scan# 4544
 Delta R.T. -0.00 min
 Lab File: BE094704.D
 Acq: 3 Nov 2017 13:12

Instrument :
 BNA_E
 ClientSampleId :
 B-67(2.5-3.8)-101017

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.9	21.8	32.8#
277	35.2	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 11/6/2017 5:58:36 PM

