

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094733.D
 Acq On : 4 Nov 2017 6:22
 Operator : SJ/JU
 Sample : I5933-02 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-9(5-6) 101617

Manual Integrations
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Quant Time: Nov 04 05:58:51 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 06:57:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1814	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.68	136	10883	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5873	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	12678	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	12322	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12710	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1030	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	2282	0.06	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	4533	0.170	ng/ul#	89
5) 2-Methylnaphthalene	12.34	142	1339	0.072	ng/ul	95
7) Acenaphthylene	14.24	152	2525	0.095	ng/ul#	87
8) Acenaphthene	14.57	153	6222	0.326	ng/ul	95
9) Fluorene	15.56	166	6798	0.317	ng/ul	93
12) Phenanthrene	17.29	178	94552	2.824	ng/ul#	93
13) Anthracene	17.38	178	28941	0.876	ng/ul#	92
15) Fluoranthene	19.31	202	222314	5.742	ng/ul	84
17) Pyrene	19.67	202	304649	7.998	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	148548	4.217	ng/ul#	88
19) Chrysene	21.46	228	145421	3.994	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	143752m	4.021	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	54113m	1.412	ng/ul	
23) Benzo(a)pyrene	23.84	252	123567	3.458	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	57552	1.556	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	15315	0.491	ng/ul	96
26) Benzo(g,h,i)perylene	27.49	276	52674	1.774	ng/ul	97

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

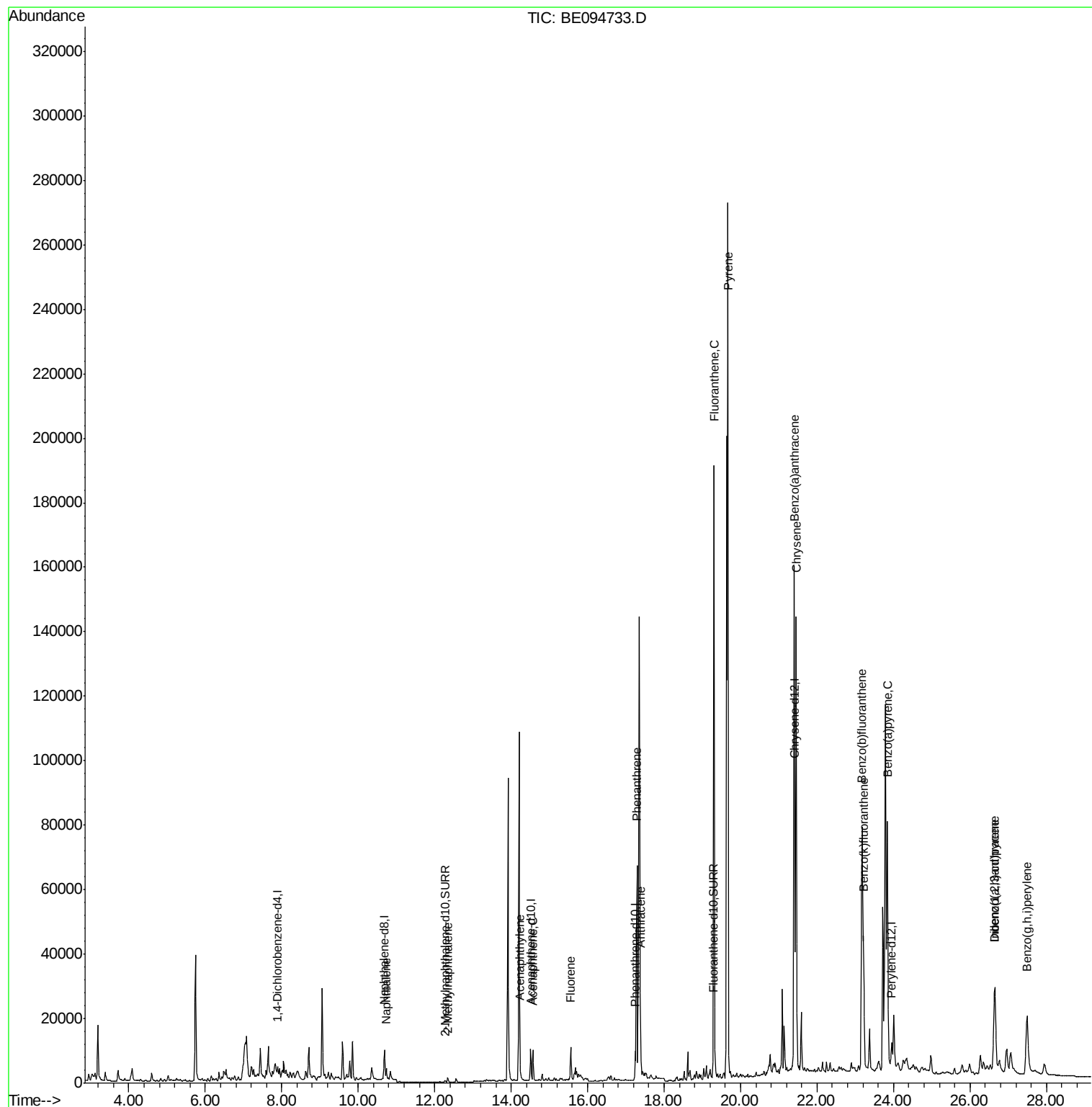
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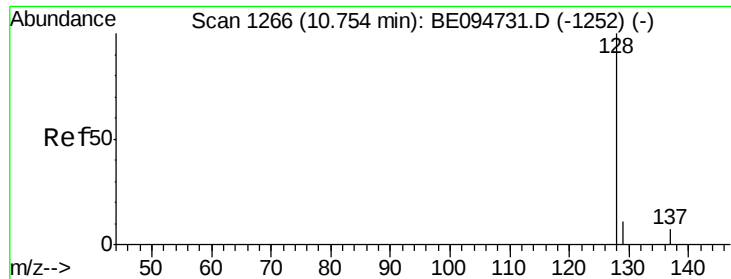
Instrument :
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B-9(5-6)_101617

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Sat Nov 04 06:57:51 2017
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#3

Naphthalene

Concen: 0.170 ng/ul

RT: 10.74 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Instrument :

BNA_E

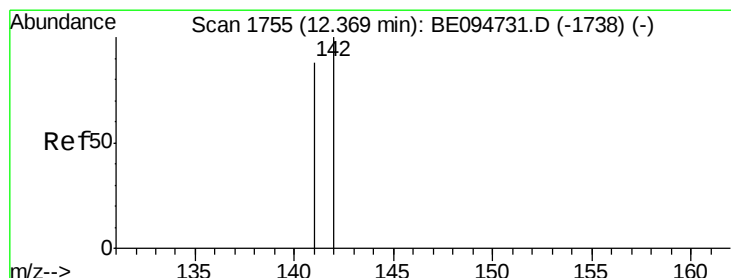
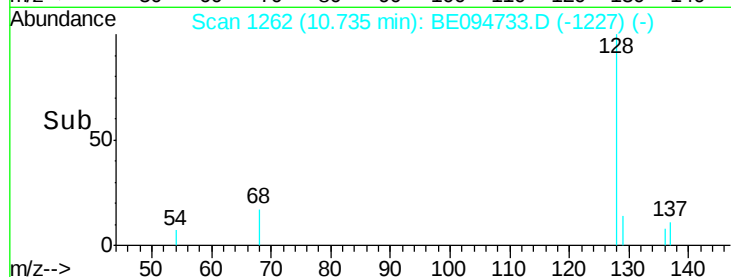
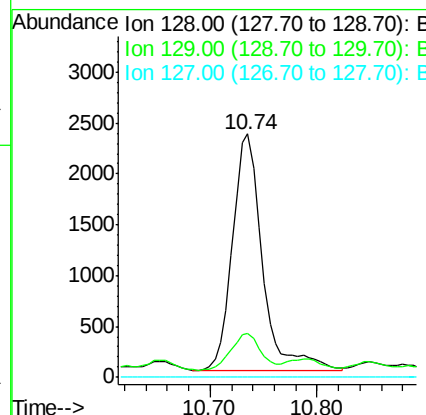
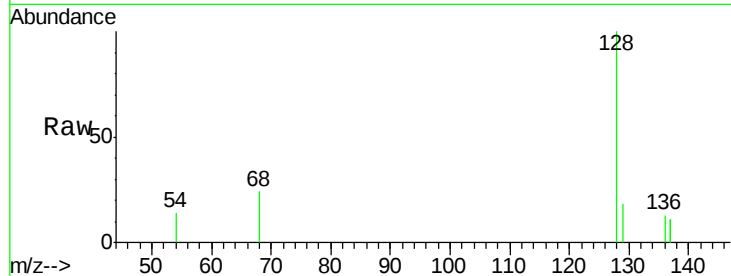
ClientSampleId :

B-9(5-6) 101617

Tgt Ion:	128	Resp:	4533
Ion Ratio	Lower	Upper	
128	100		
129	17.9	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.072 ng/ul

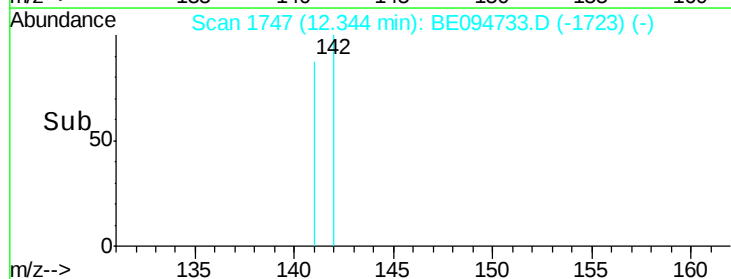
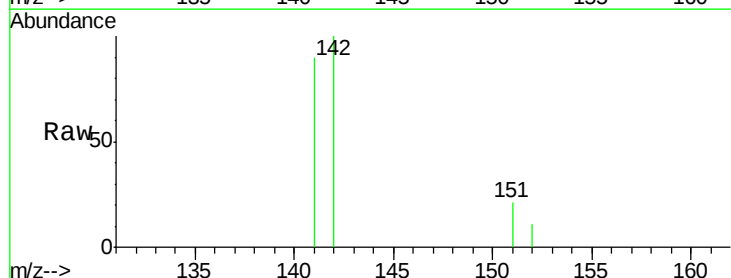
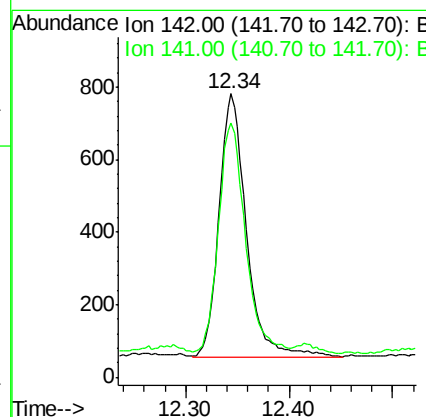
RT: 12.34 min Scan# 1747

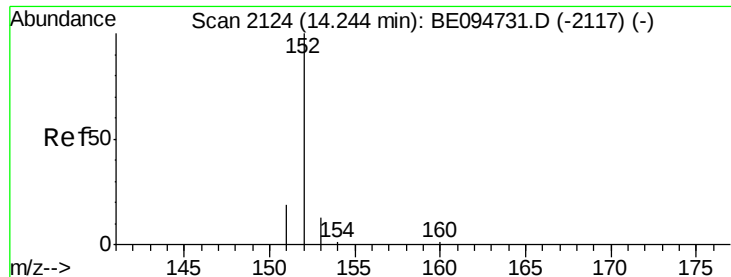
Delta R.T. -0.03 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Tgt Ion:	142	Resp:	1339
Ion Ratio	Lower	Upper	
142	100		
141	86.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.095 ng/u1

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Instrument :

BNA_E

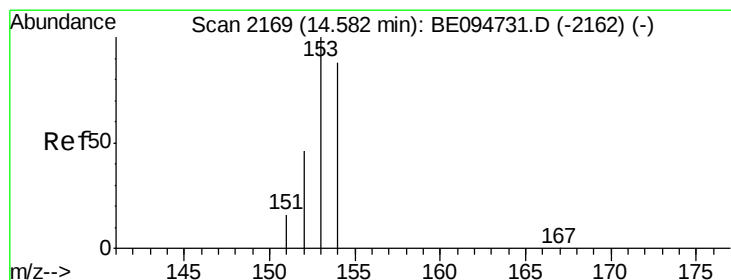
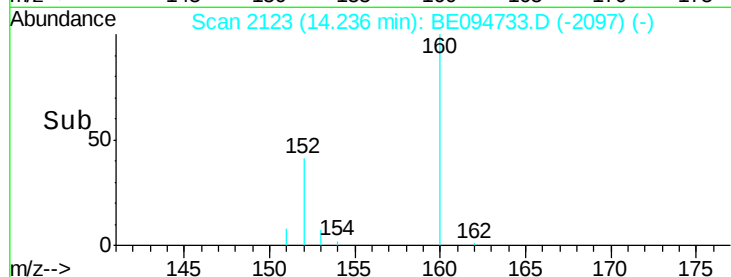
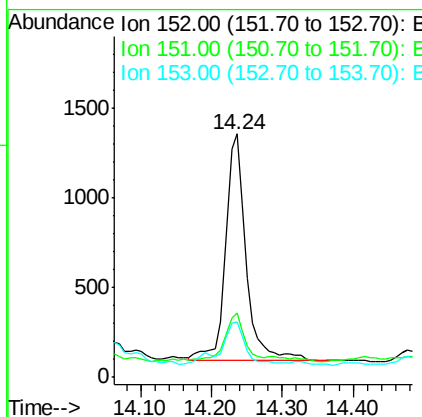
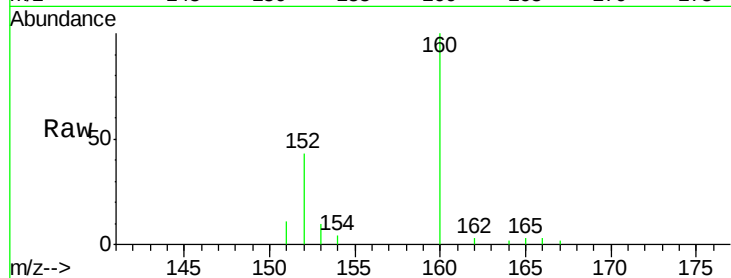
ClientSampleId :

B-9(5-6) 101617

Tgt Ion:	152	Resp:	2525
Ion Ratio	Lower	Upper	
152	100		
151	26.5	17.1	25.7#
153	22.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.326 ng/u1

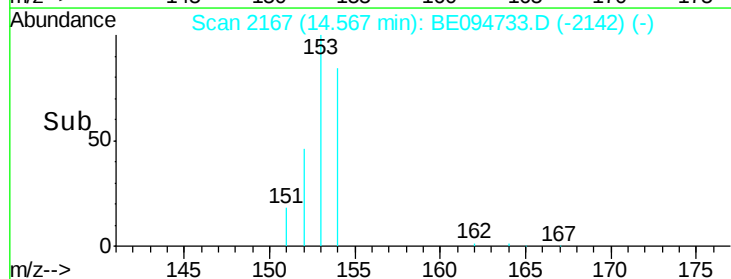
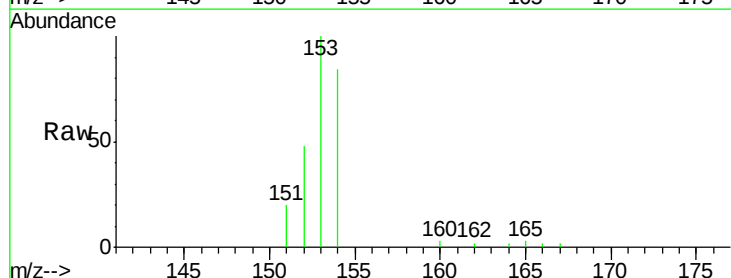
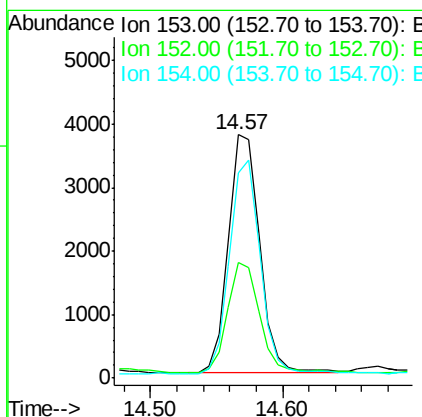
RT: 14.57 min Scan# 2167

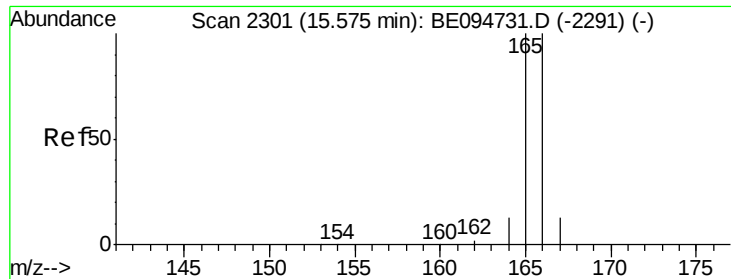
Delta R.T. -0.02 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Tgt Ion:	153	Resp:	6222
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.0	54.0
154	84.2	72.0	108.0





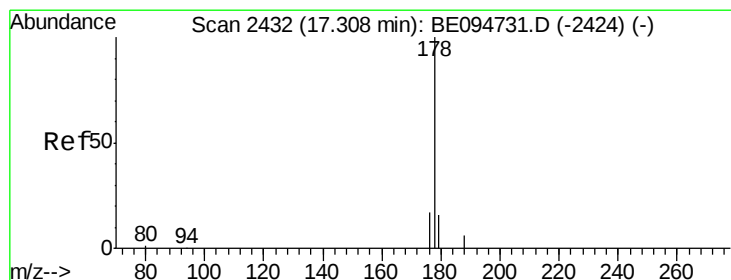
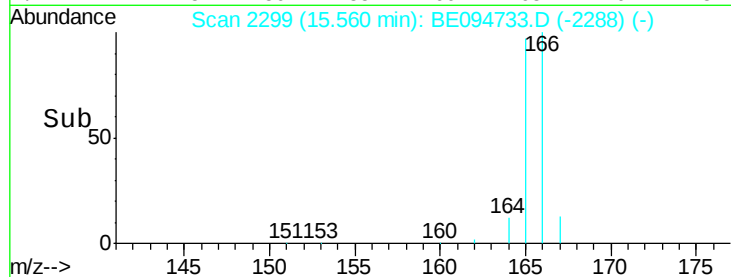
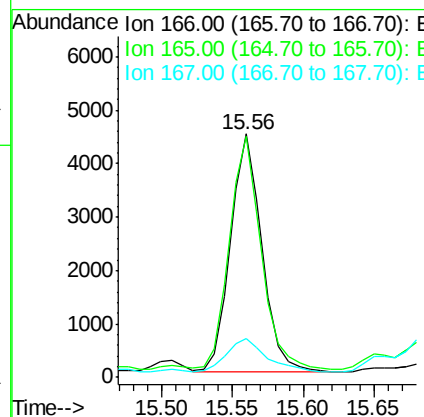
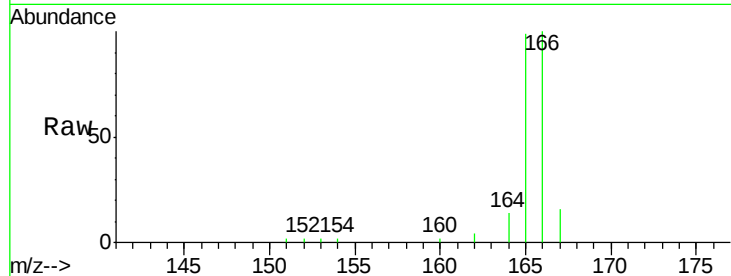
#9
Fluorene
 Concen: 0.317 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	15.8	14.6	22.0

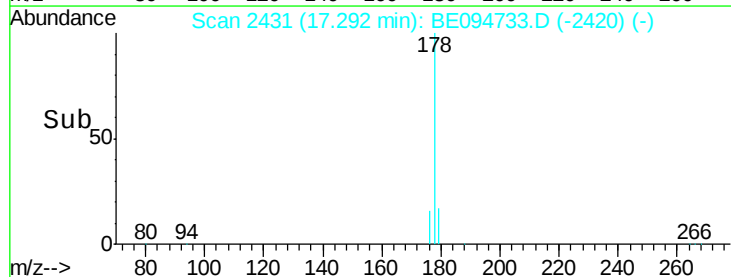
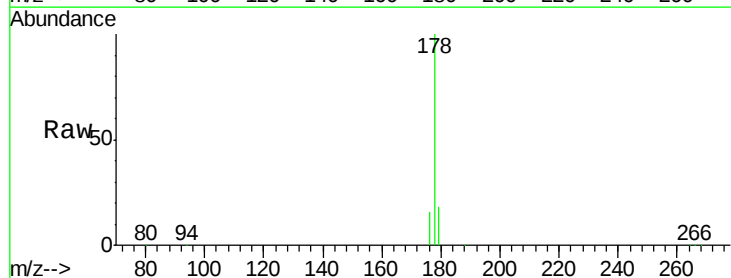
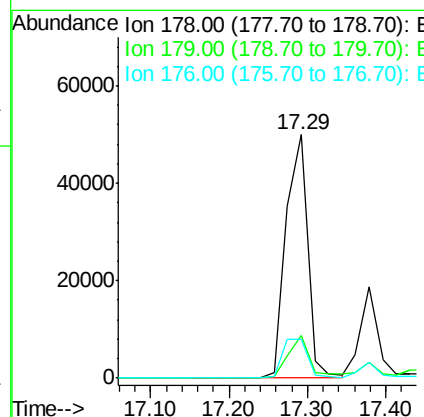
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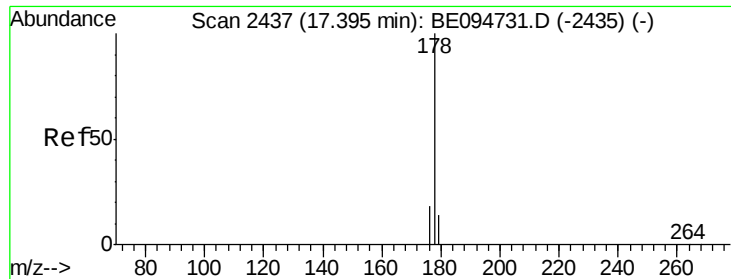
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#12
Phenanthrene
 Concen: 2.824 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.4	27.6#
176	16.0	13.6	20.4





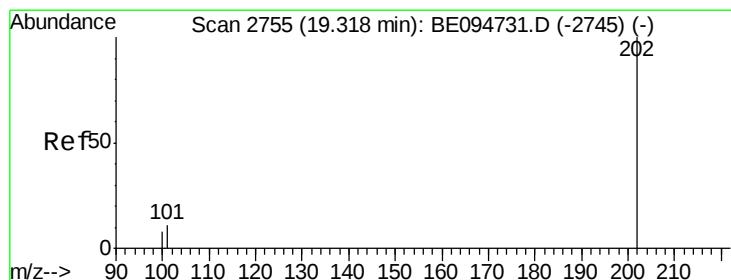
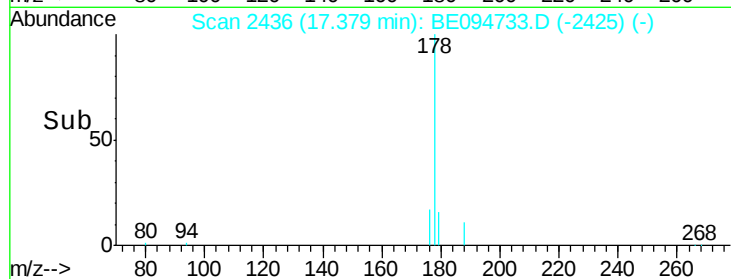
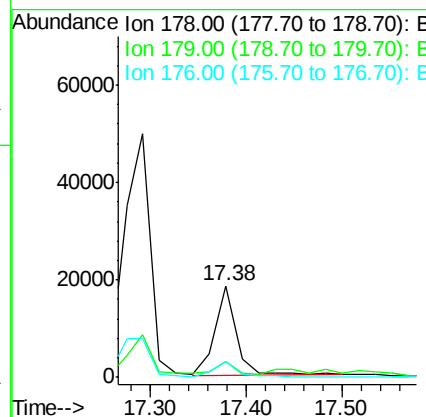
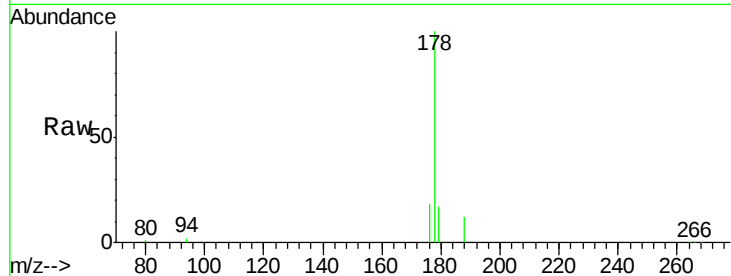
#13
 Anthracene
 Concen: 0.876 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Instrument :
 BNA_E
 ClientSampleId :
 B-9(5-6)_101617

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	18.1	27.1#
176	17.5	14.7	22.1

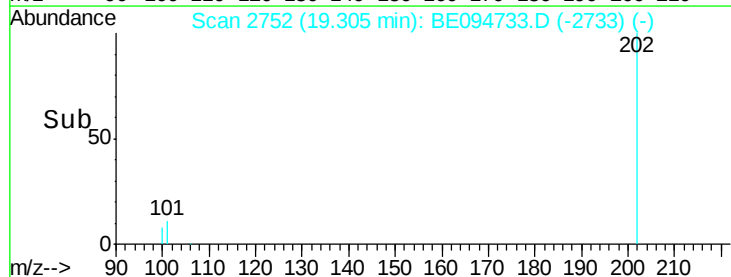
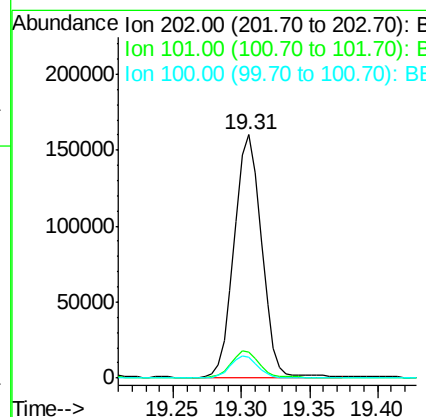
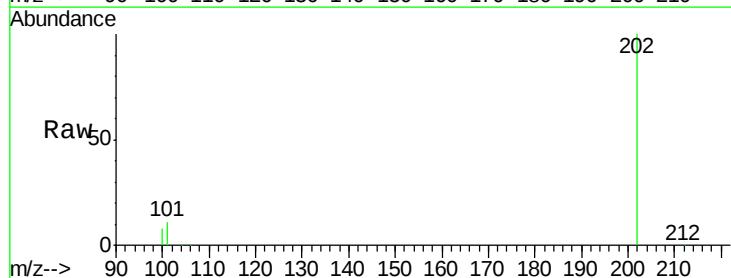
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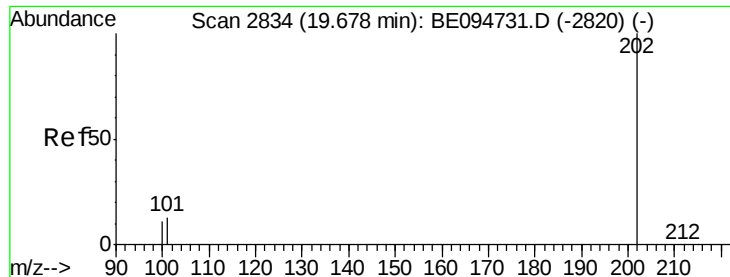
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#15
 Fluoranthene
 Concen: 5.742 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.3
100	8.4	0.0	39.5





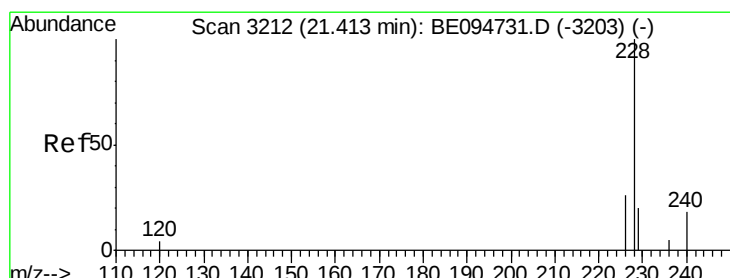
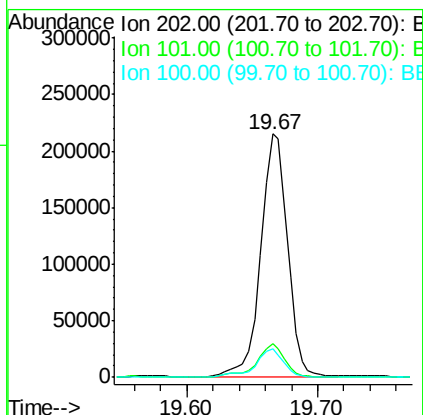
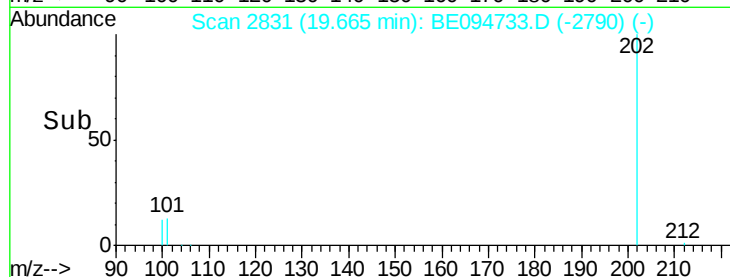
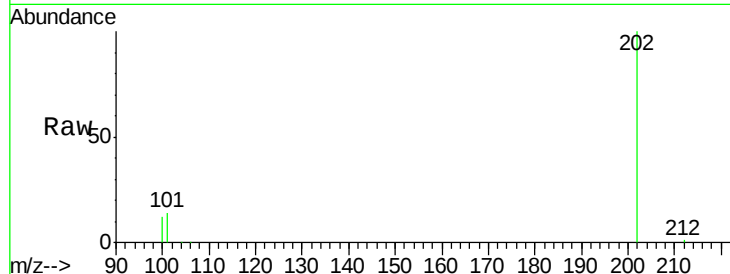
#17
Pyrene
Concen: 7.998 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094733.D
Acq: 4 Nov 2017 6:22

Instrument :
BNA_E
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	18.2	27.4#
100	11.6	15.6	23.4#

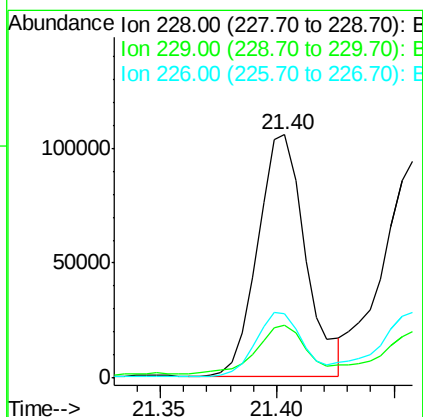
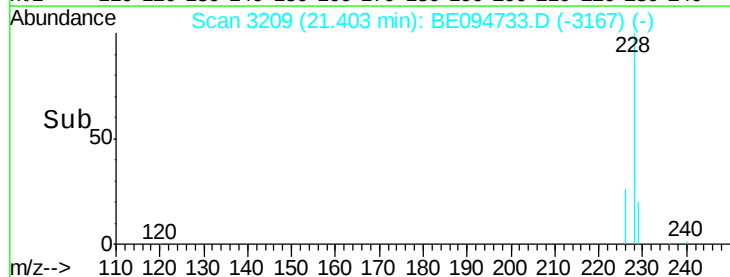
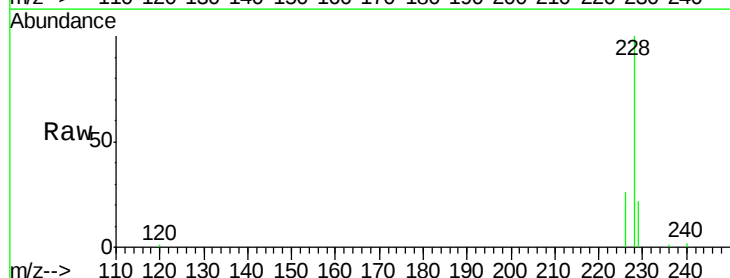
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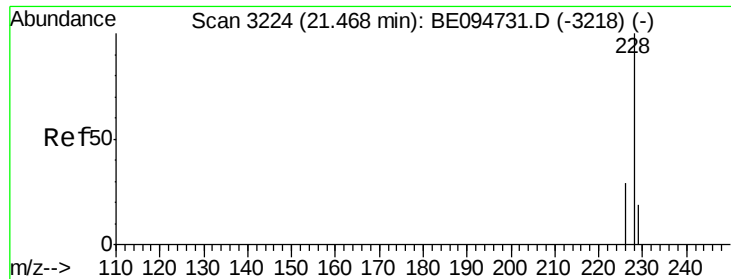
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#18
Benzo(a)anthracene
Concen: 4.217 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094733.D
Acq: 4 Nov 2017 6:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.8	22.8	34.2#
226	26.3	17.0	25.6#





#19

Chrysene

Concen: 3.994 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Instrument :

BNA_E

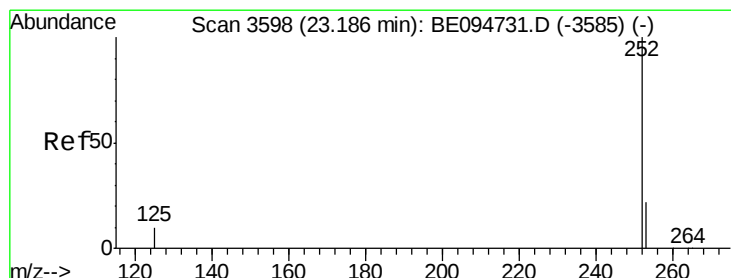
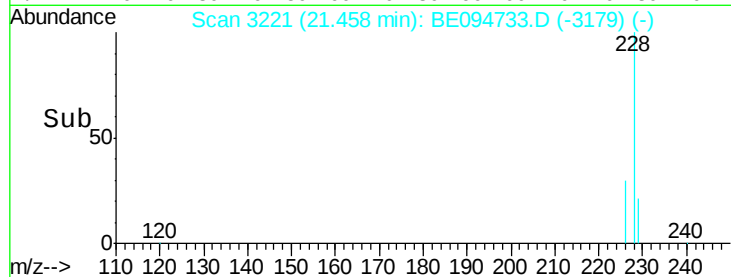
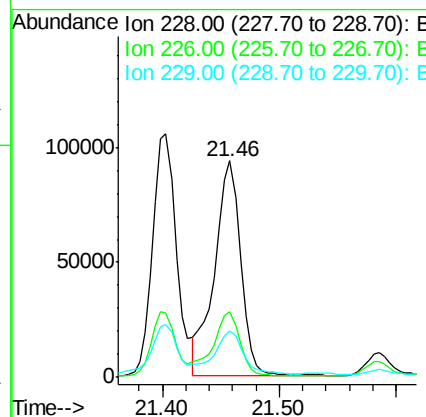
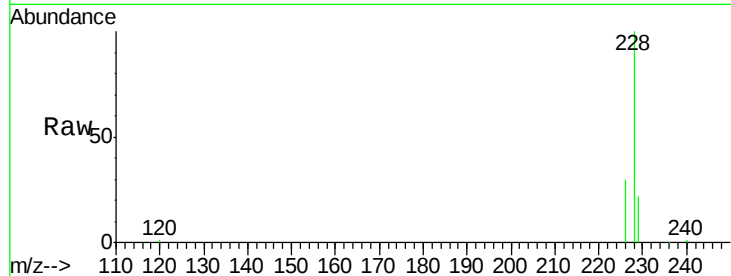
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Tgt Ion:	228	Resp:	145421
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	21.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.021 ng/ul m

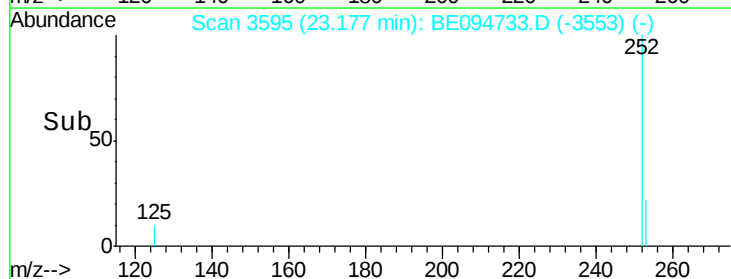
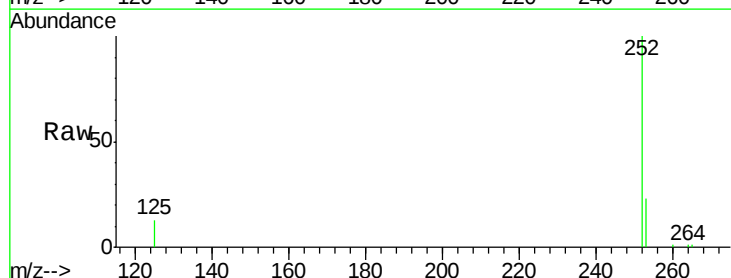
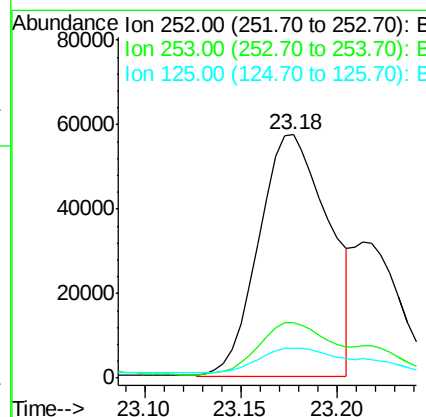
RT: 23.18 min Scan# 3595

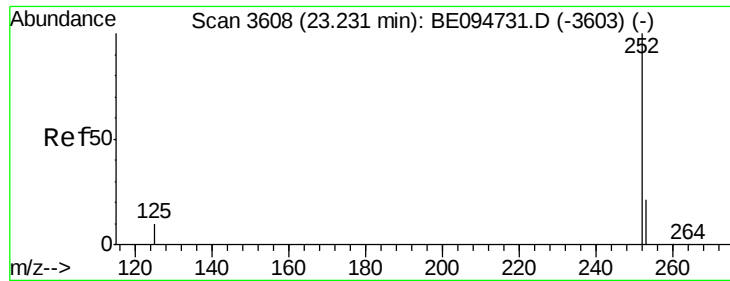
Delta R.T. -0.01 min

Lab File: BE094733.D

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Tgt Ion:	252	Resp:	143752
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	12.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.412 ng/ul m

RT: 23.21 min Scan# 3603

Delta R.T. -0.02 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Instrument :

BNA_E

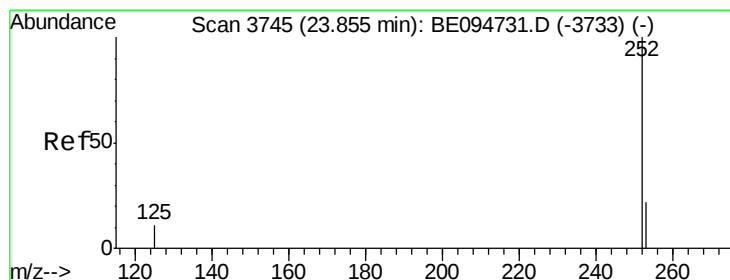
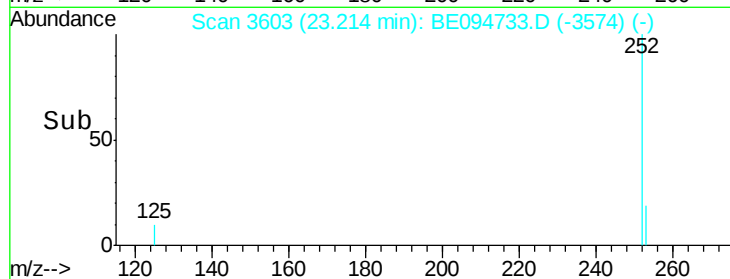
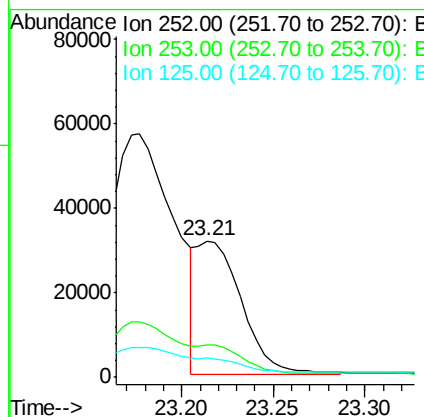
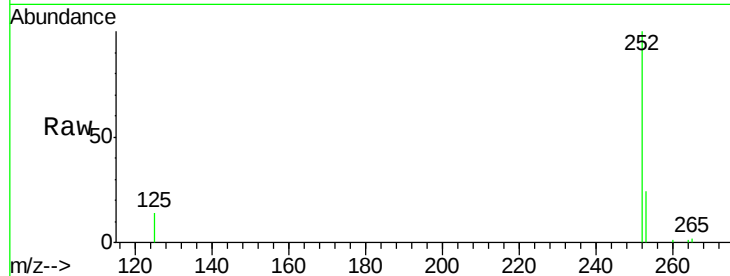
ClientSampleId :

B-9(5-6) 101617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	13.9	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.458 ng/ul

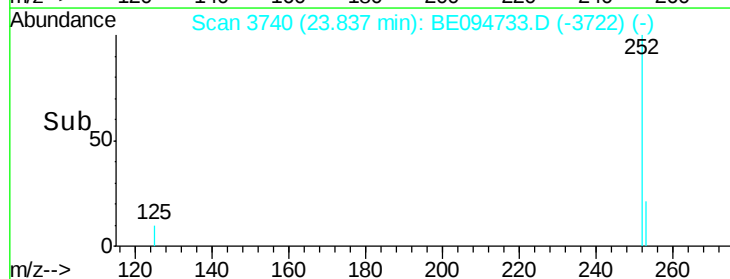
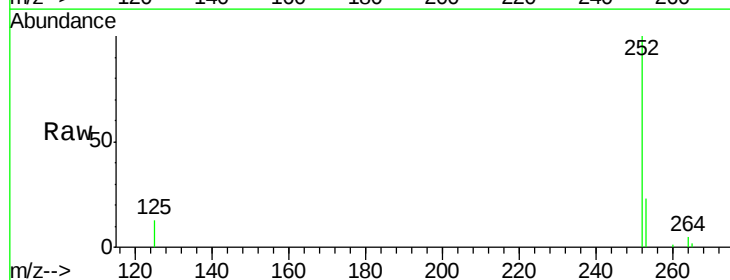
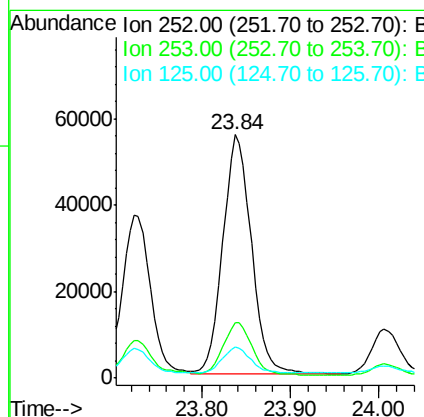
RT: 23.84 min Scan# 3740

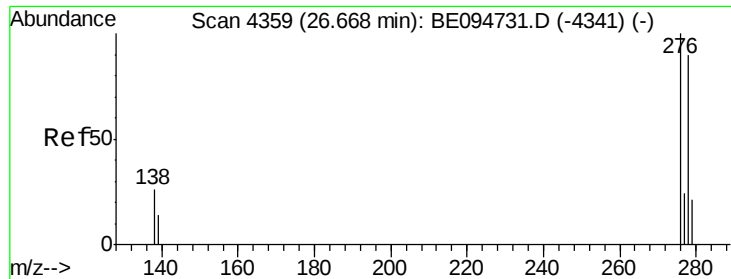
Delta R.T. -0.02 min

Lab File: BE094733.D

Acq: 4 Nov 2017 6:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	12.8	18.1	27.1#





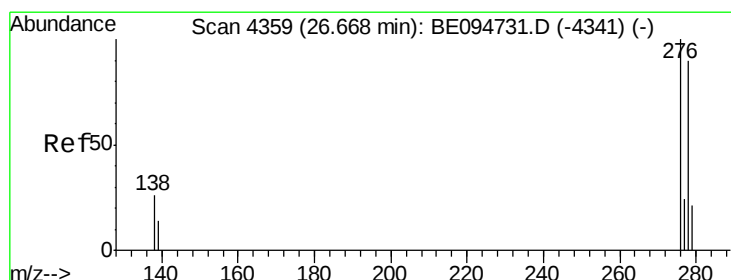
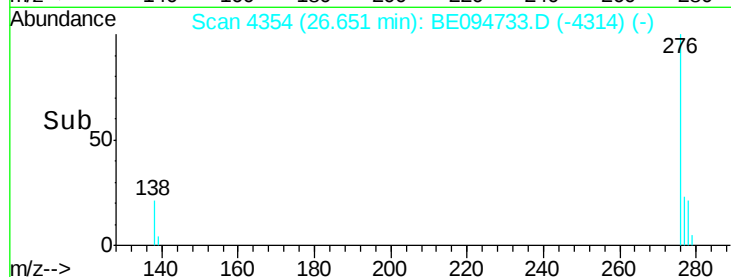
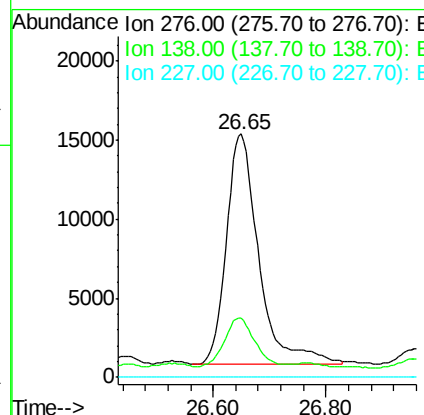
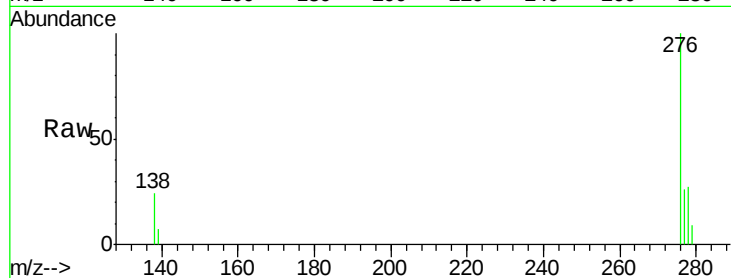
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.556 ng/u1
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.02 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Instrument :
 BNA_E
 ClientSampleId :
 B-9(5-6)_101617

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.8	28.0	42.0#
227	0.0	8.0	12.0#

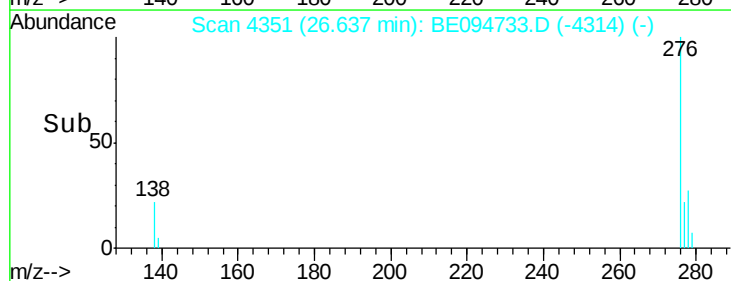
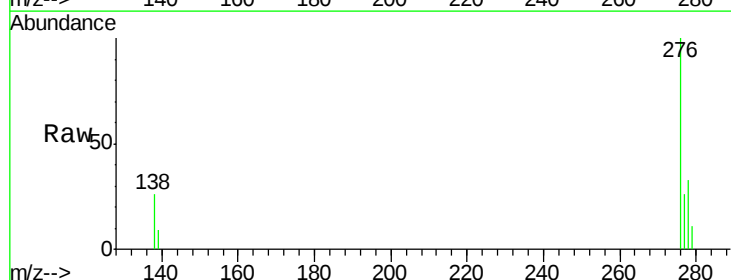
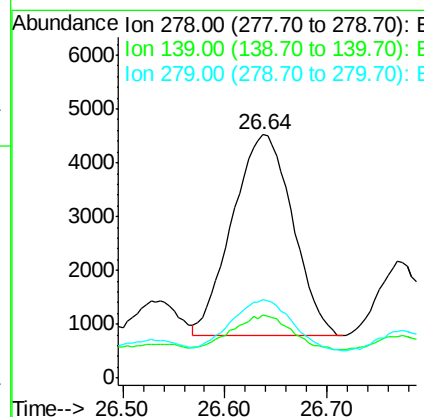
Manual Integrations
 APPROVED

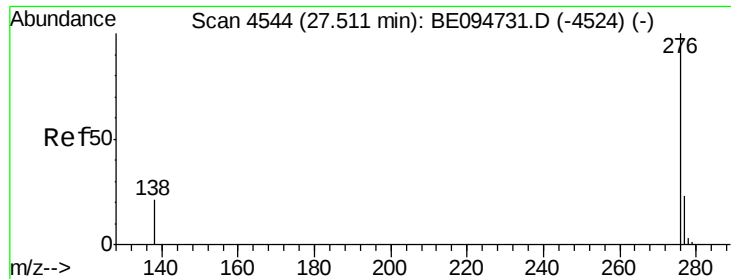
Sohil
 11/4/2017 2:17:11 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.491 ng/u1
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.03 min
 Lab File: BE094733.D
 Acq: 4 Nov 2017 6:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	25.9	17.4	26.0
279	32.1	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.774 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. -0.02 min

Lab File: BE094733.D

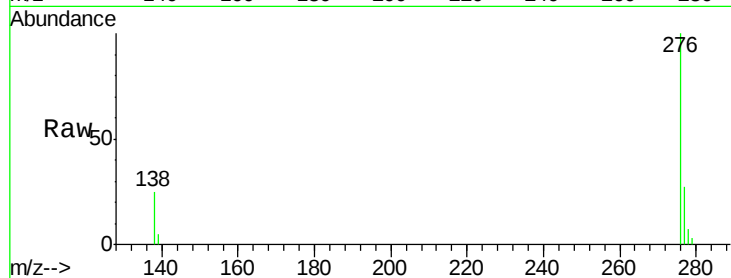
Acq: 4 Nov 2017 6:22

Instrument :

BNA_E

ClientSampleId :

B-9(5-6)_101617



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.8	32.8
277	26.6	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:17:11 PM

