

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094337.D
 Acq On : 13 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-39(0.5-1.5)-100317

Manual Integrations
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 10/16/2017 8:23:03 PM

Quant Time: Oct 14 04:36:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1437	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7576	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4665	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9678m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	8440	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9270m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4750	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11785	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	10884	0.59	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	3118	0.26	ng/ul	100
7) Acenaphthylene	14.26	152	3619	0.20	ng/ul	96
8) Acenaphthene	14.60	153	4155	0.28	ng/ul	98
9) Fluorene	15.58	166	4286	0.24	ng/ul	92
12) Phenanthrene	17.31	178	132136	5.22	ng/ul#	90
13) Anthracene	17.39	178	31211	1.27	ng/ul#	90
15) Fluoranthene	19.33	202	254565	7.66	ng/ul	84
17) Pyrene	19.69	202	278188	11.85	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	152153	6.80	ng/ul#	88
19) Chrysene	21.47	228	144386	5.58	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	165916	6.59	ng/ul	87
22) Benzo(k)fluoranthene	23.24	252	56790m	1.95	ng/ul	
23) Benzo(a)pyrene	23.86	252	139361m	5.33	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	84906m	3.17	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	21844m	0.97	ng/ul	
26) Benzo(g,h,i)perylene	27.51	276	79934m	3.46	ng/ul	

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

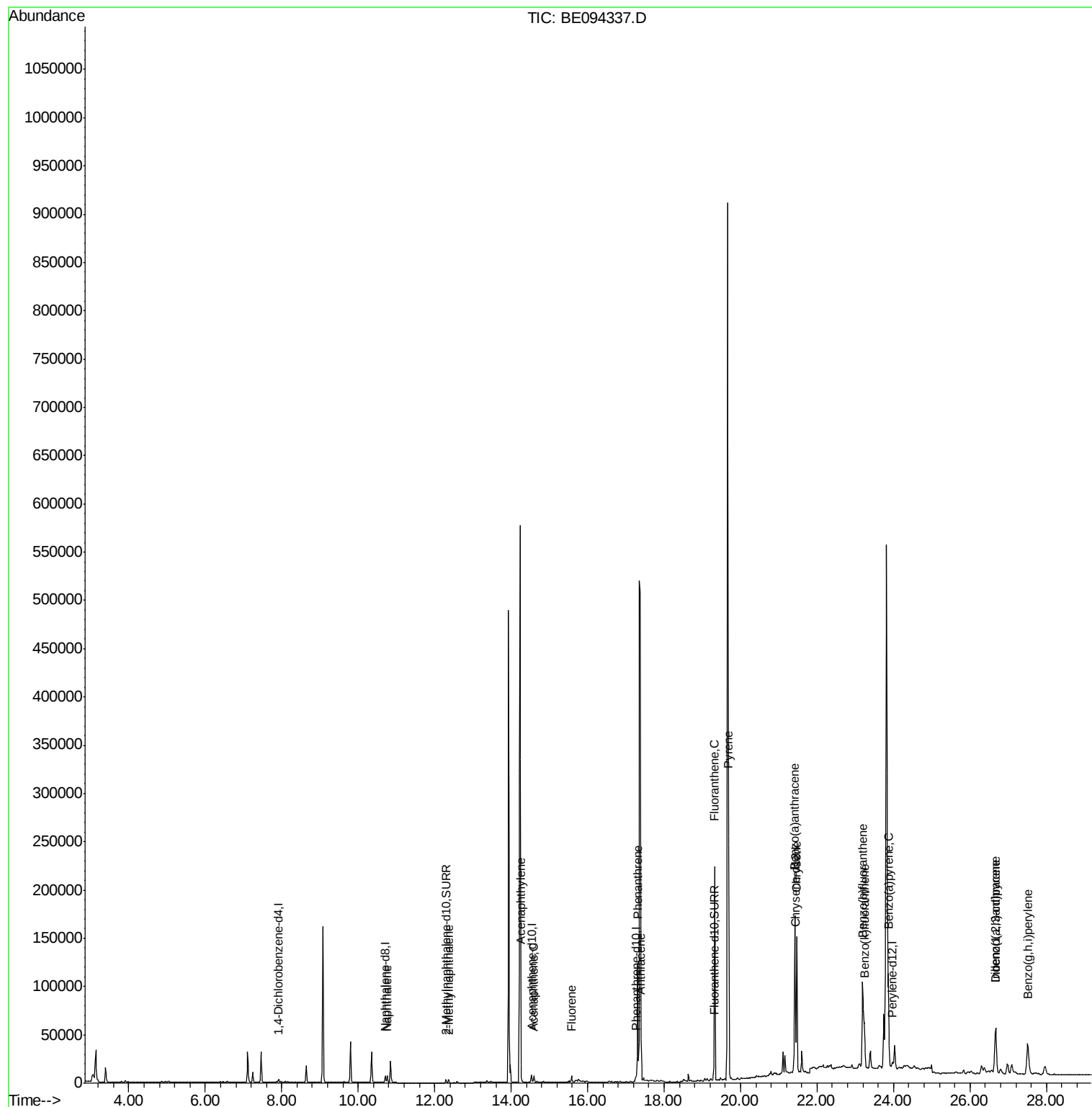
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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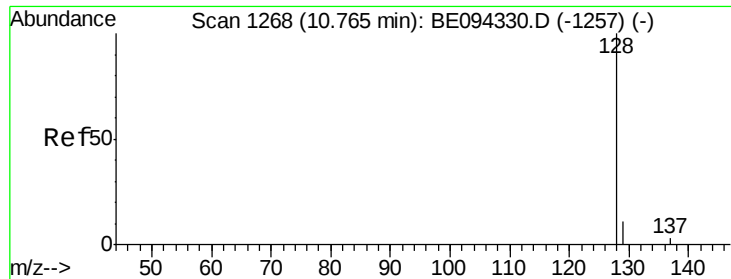
Instrument :
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B-39(0.5-1.5)-100317

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.59 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

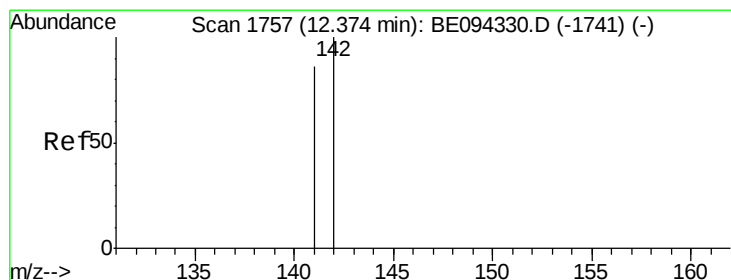
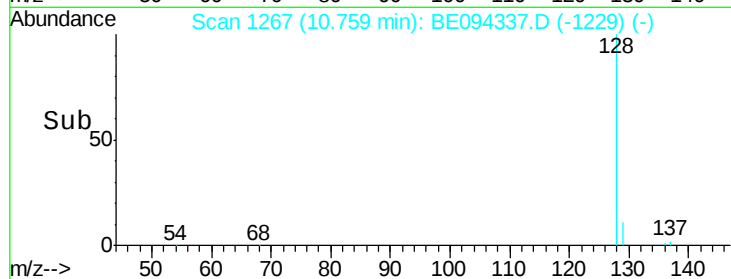
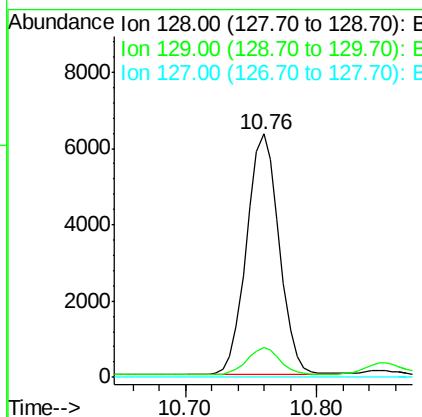
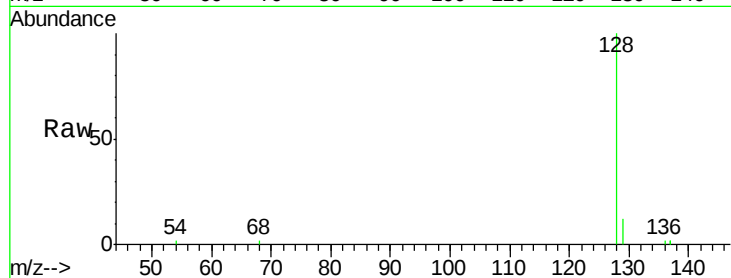
ClientSampleId :

B-39(0.5-1.5)-100317

Tgt Ion:	128	Resp:	10884
Ion Ratio	Lower	Upper	
128	100		
129	12.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.26 ng/ul

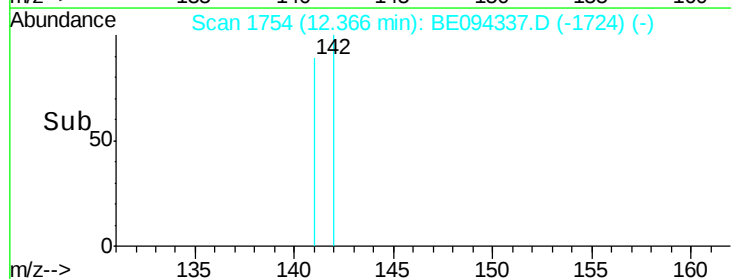
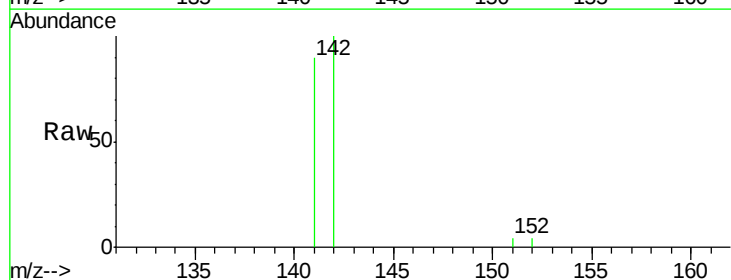
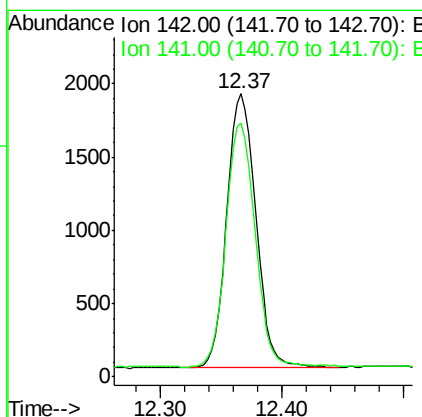
RT: 12.37 min Scan# 1754

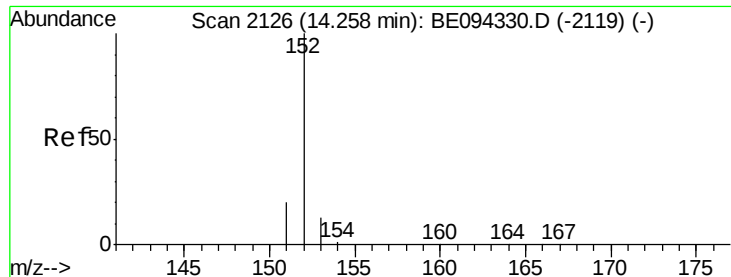
Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	142	Resp:	3118
Ion Ratio	Lower	Upper	
142	100		
141	90.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

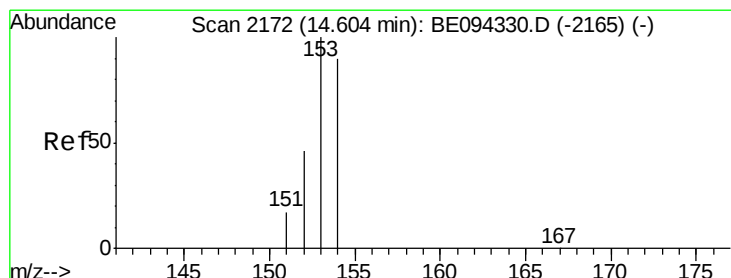
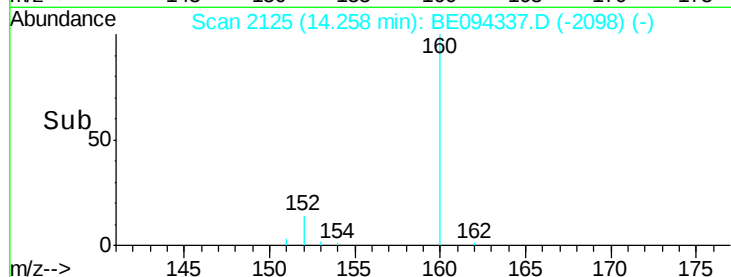
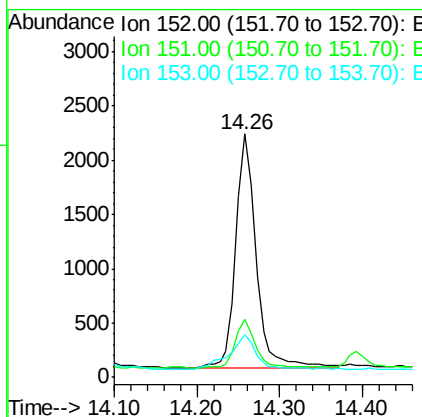
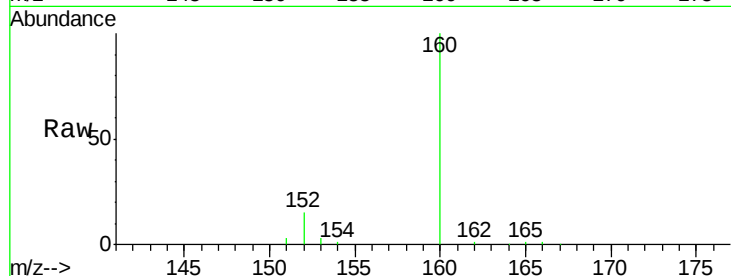
ClientSampleId :

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Tgt Ion:	152	Resp:	3619
Ion Ratio	Lower	Upper	
152	100		
151	23.7	17.1	25.7
153	17.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.28 ng/ul

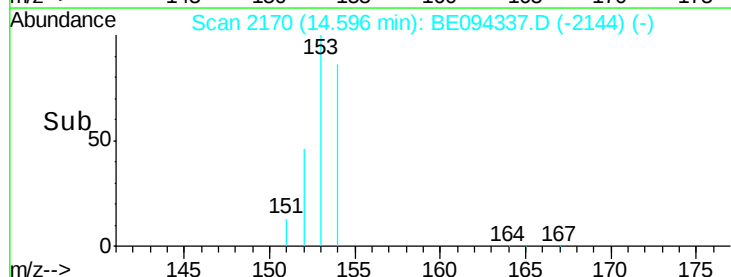
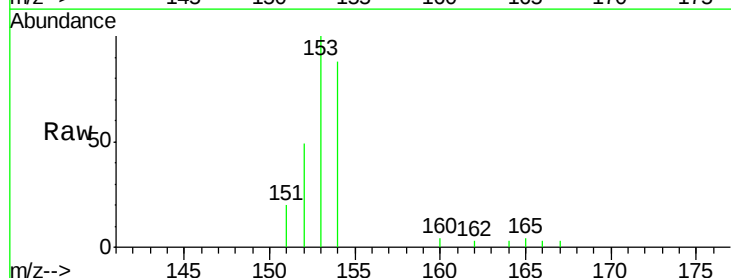
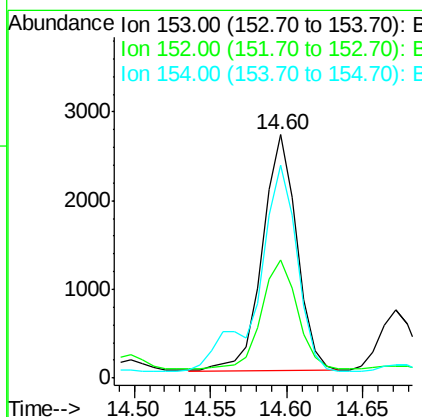
RT: 14.60 min Scan# 2170

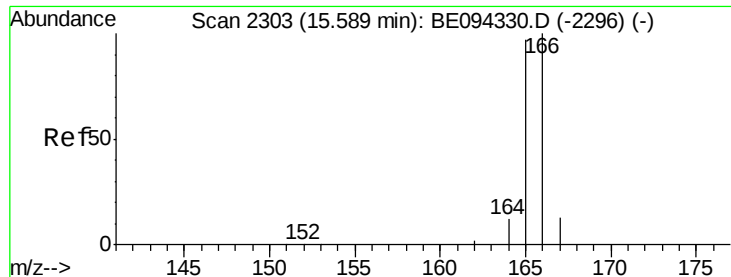
Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	153	Resp:	4155
Ion Ratio	Lower	Upper	
153	100		
152	48.7	40.3	60.5
154	87.6	71.4	107.2





#9

Fluorene

Concen: 0.24 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

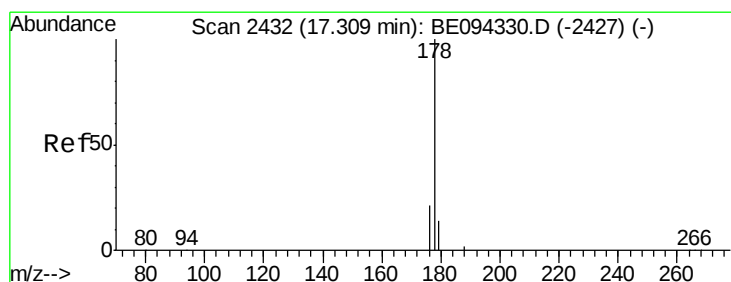
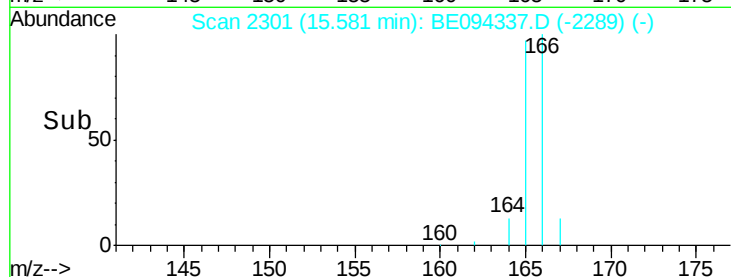
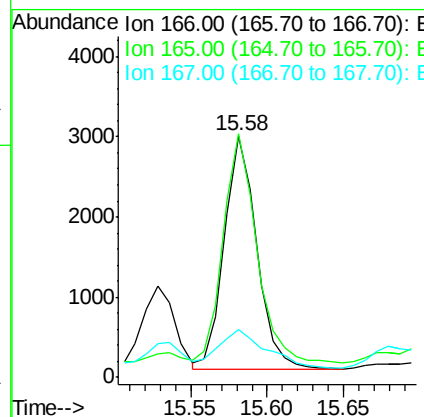
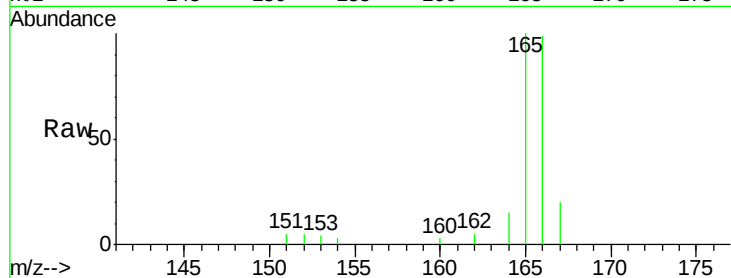
ClientSampleId :

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Tgt Ion:	166	Resp:	4286
Ion Ratio	Lower	Upper	
166	100		
165	100.9	73.4	110.2
167	19.7	14.6	22.0

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#12

Phenanthrene

Concen: 5.22 ng/ul

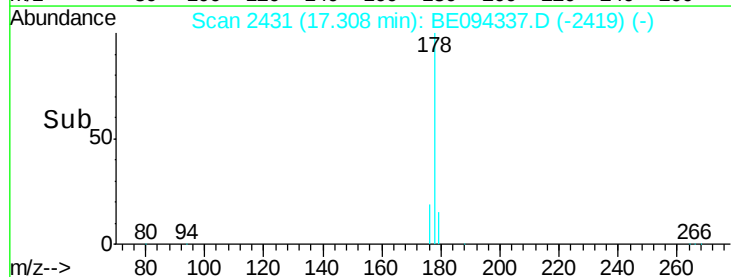
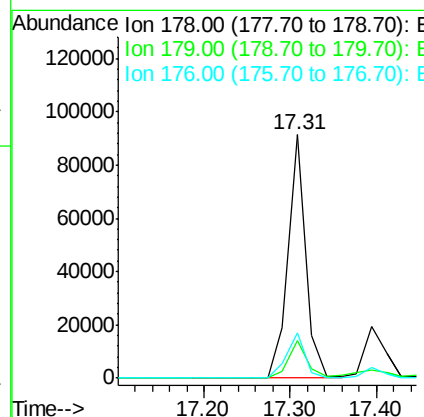
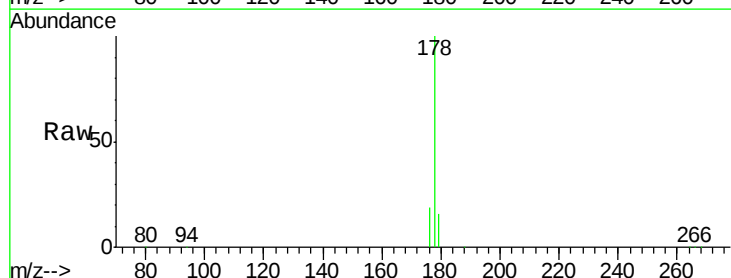
RT: 17.31 min Scan# 2431

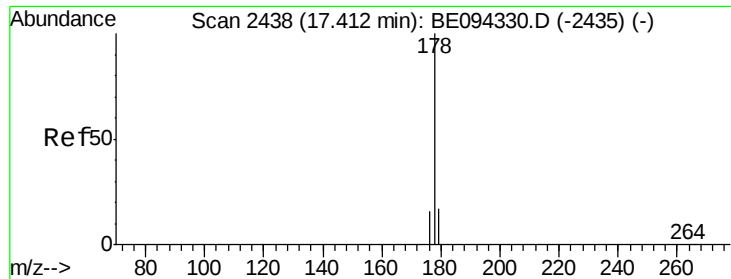
Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	178	Resp:	132136
Ion Ratio	Lower	Upper	
178	100		
179	15.6	18.4	27.6#
176	18.6	13.6	20.4





#13

Anthracene

Concen: 1.27 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

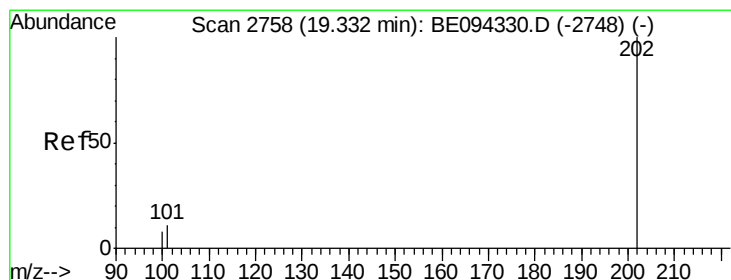
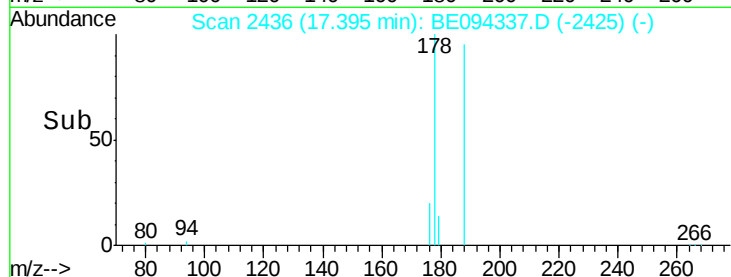
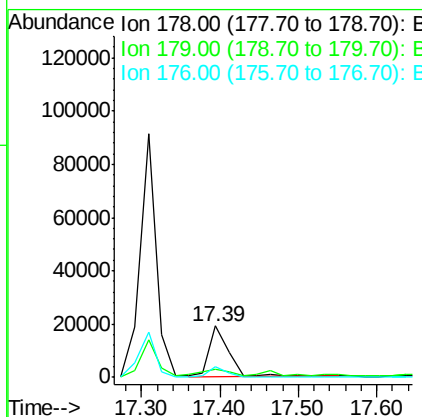
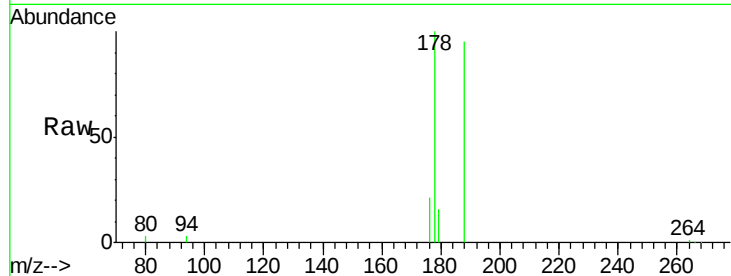
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	20.8	14.7	22.1

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#15

Fluoranthene

Concen: 7.66 ng/ul

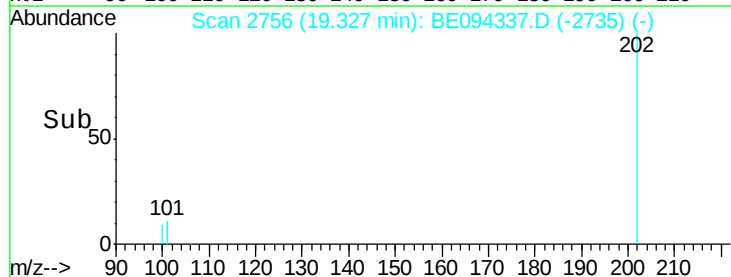
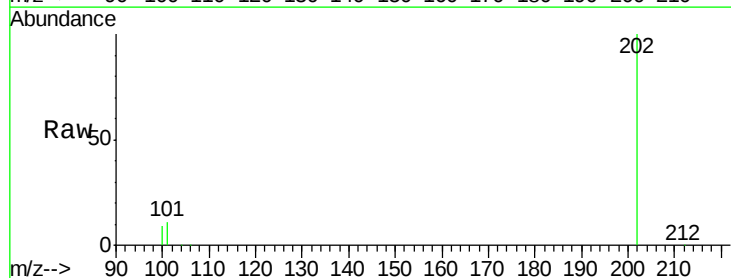
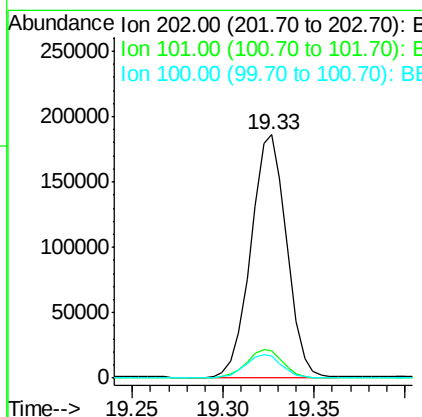
RT: 19.33 min Scan# 2756

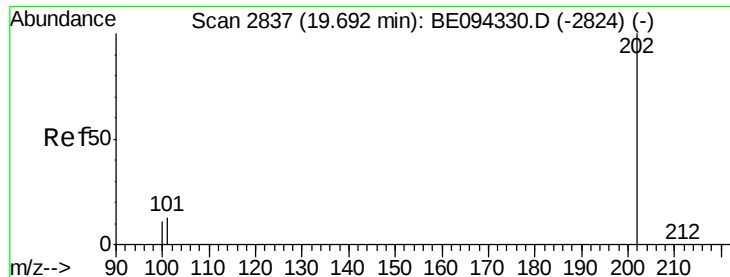
Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.3
100	8.9	0.0	39.5





#17

Pyrene

Concen: 11.85 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

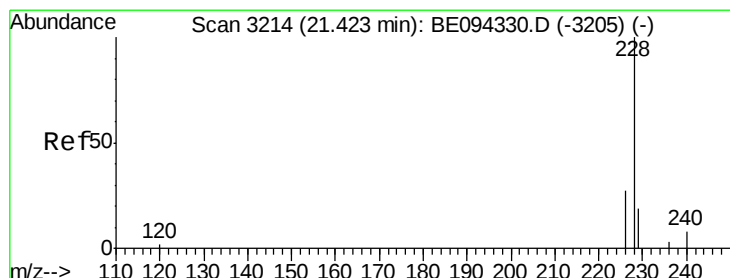
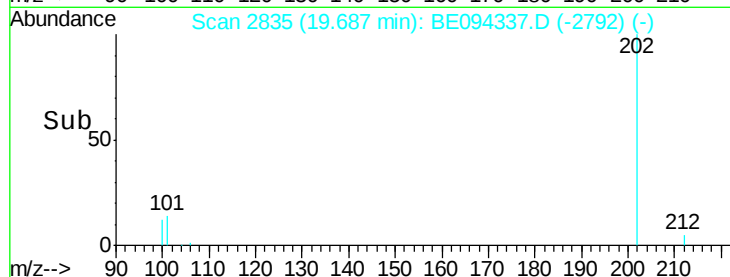
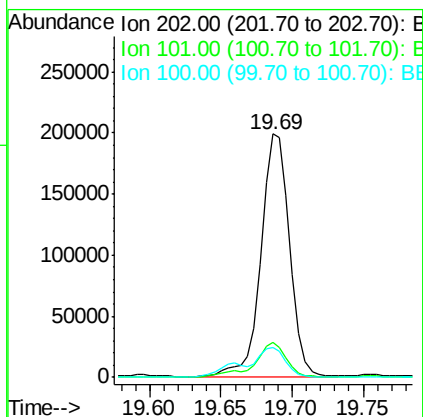
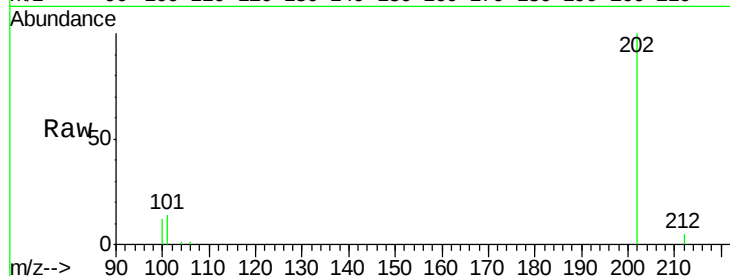
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Tgt Ion:	202	Resp:	278188
Ion Ratio		Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 6.80 ng/ul

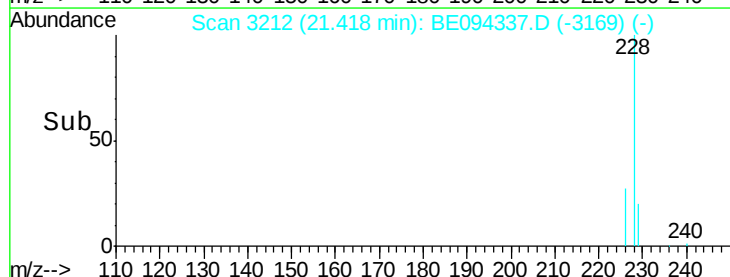
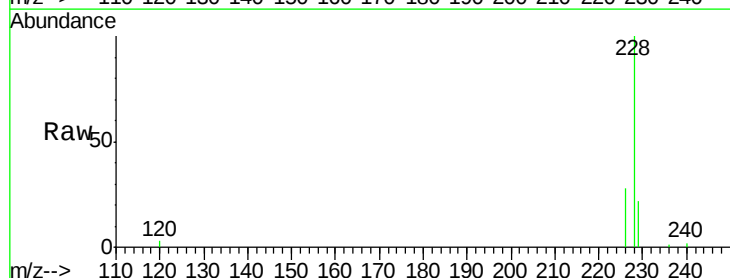
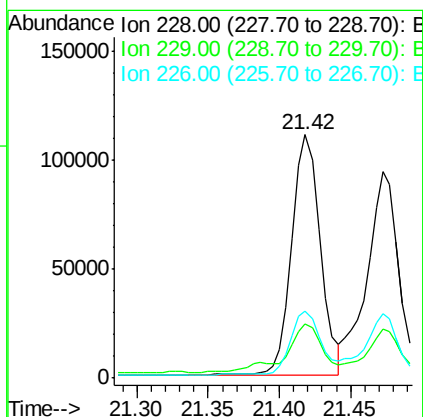
RT: 21.42 min Scan# 3212

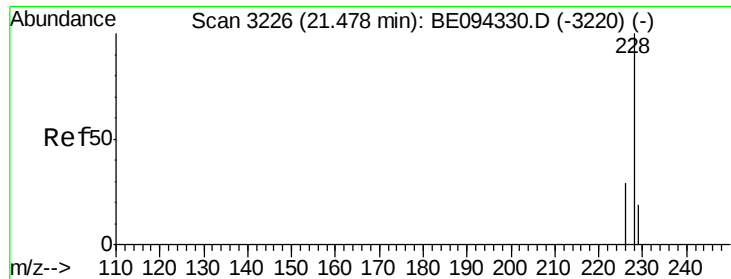
Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	228	Resp:	152153
Ion Ratio		Lower	Upper
228	100		
229	22.5	22.8	34.2#
226	27.7	17.0	25.6#





#19

Chrysene

Concen: 5.58 ng/u1

RT: 21.47 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BE094337.D

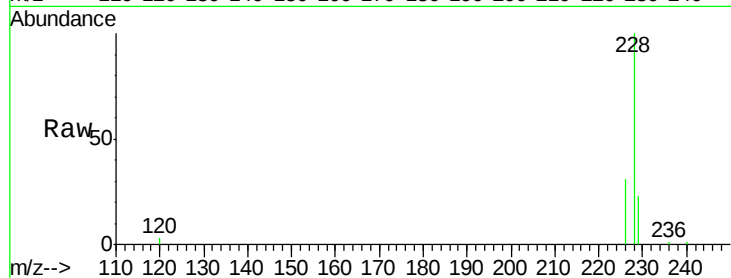
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Instrument :

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ClientSampleId :

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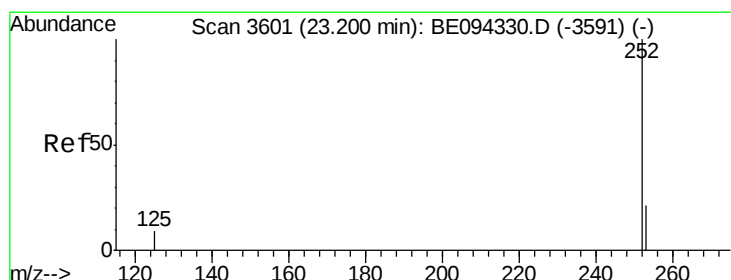
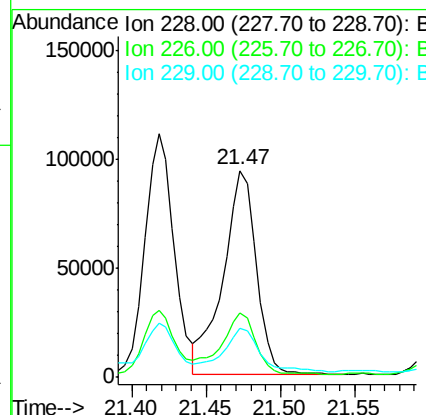
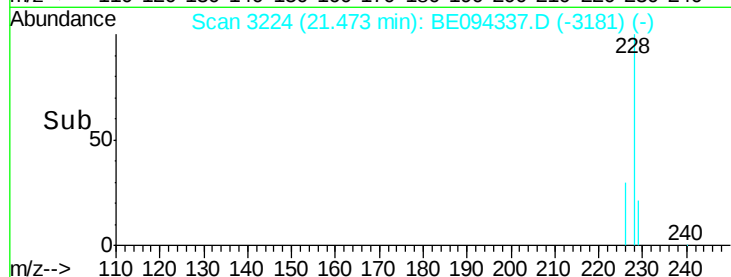


Tgt Ion: 228 Resp: 144386

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.5	17.7	26.5

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#21

Benzo(b)fluoranthene

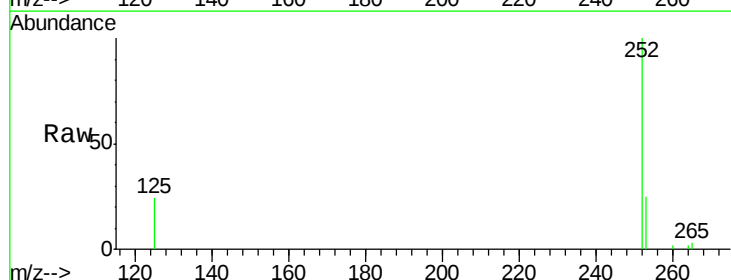
Concen: 6.59 ng/u1

RT: 23.20 min Scan# 3599

Delta R.T. -0.00 min

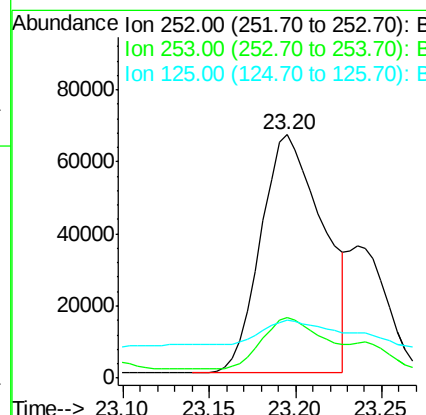
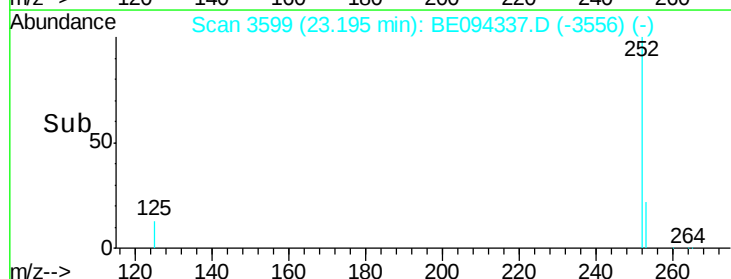
Lab File: BE094337.D

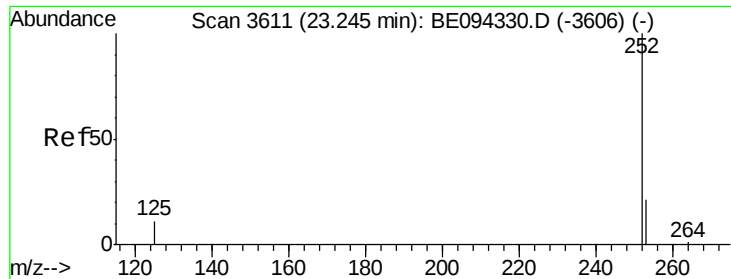
Acq: 13 Oct 2017 23:40



Tgt Ion: 252 Resp: 165916

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	64.2
125	23.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.95 ng/ul m

RT: 23.24 min Scan# 3608

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

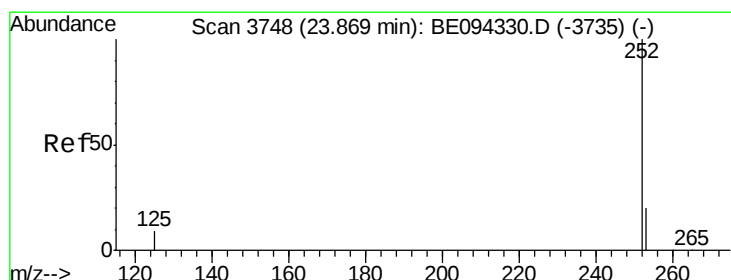
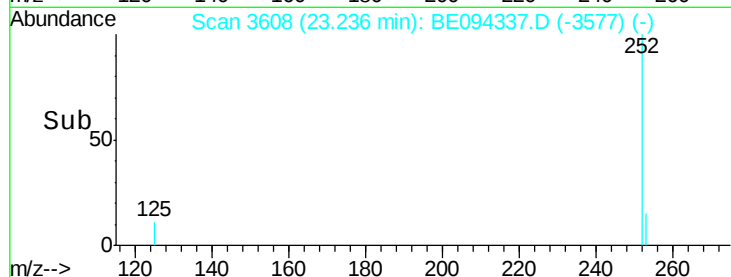
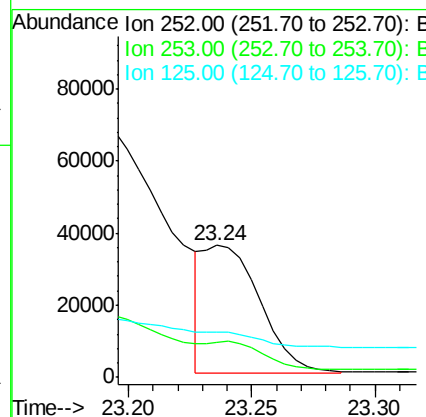
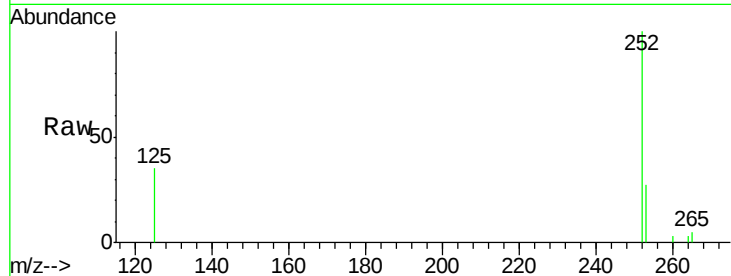
ClientSampleId :

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Tgt Ion:	252	Resp:	56790
Ion Ratio	Lower	Upper	
252	100		
253	27.0	24.5	36.7
125	34.5	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 5.33 ng/ul m

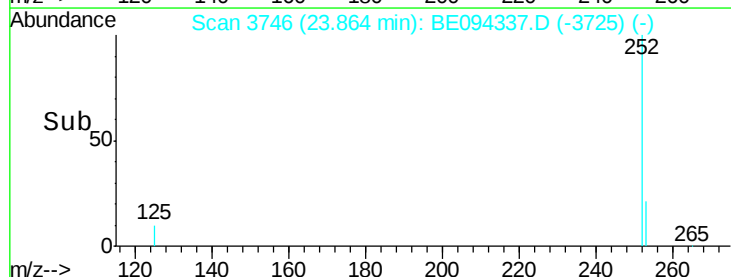
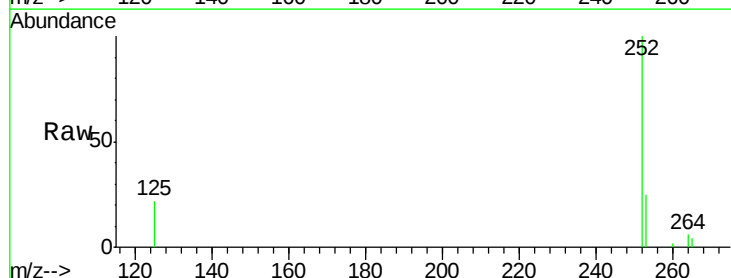
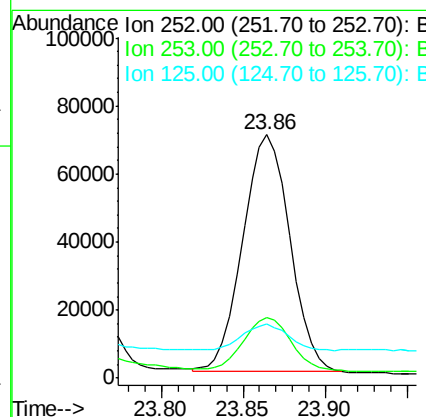
RT: 23.86 min Scan# 3746

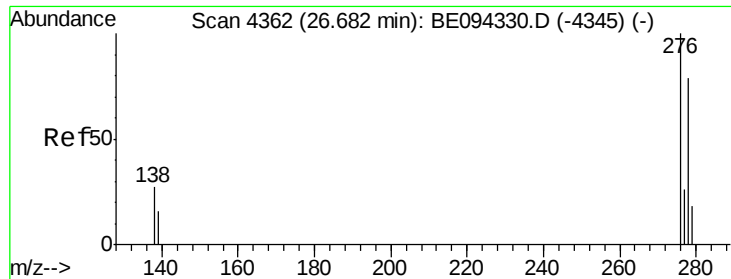
Delta R.T. -0.00 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	252	Resp:	139361
Ion Ratio	Lower	Upper	
252	100		
253	24.7	28.5	42.7#
125	22.0	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.17 ng/ul m

RT: 26.67 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BE094337.D

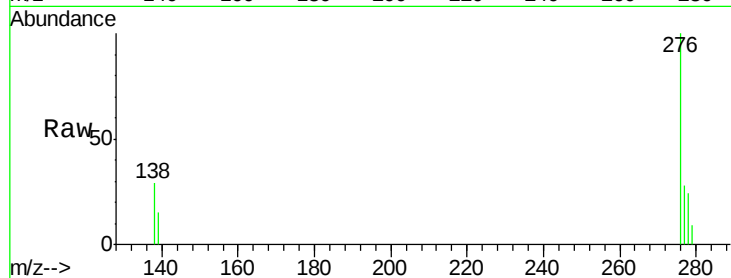
Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

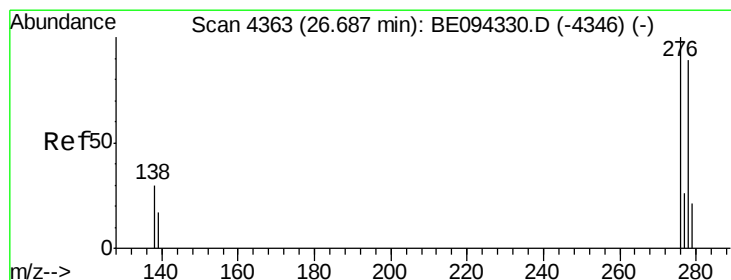
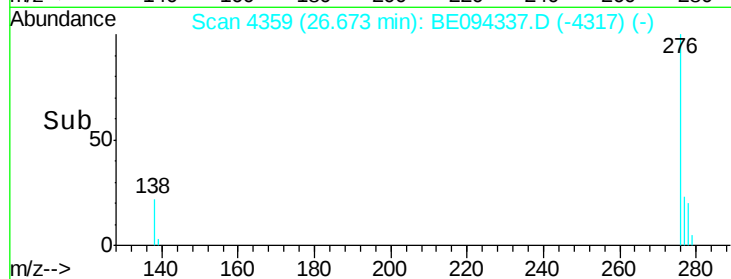
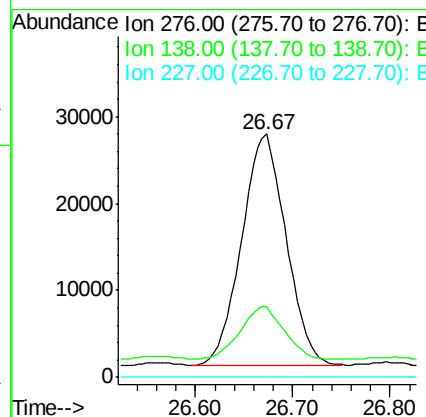
B-39(0.5-1.5)-100317



Tgt Ion:	276	Resp:	84906
Ion Ratio	Lower	Upper	
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM



#25

Dibenzo(a,h)anthracene

Concen: 0.97 ng/ul m

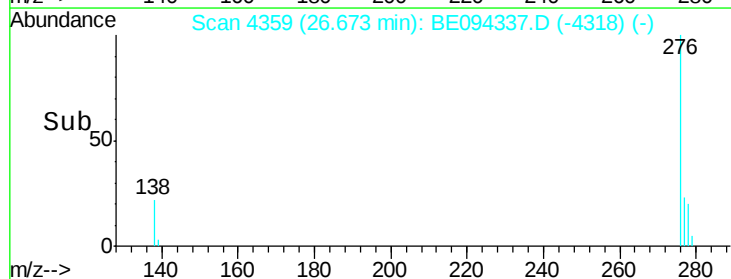
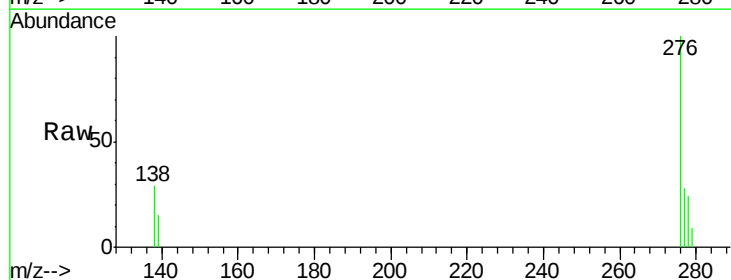
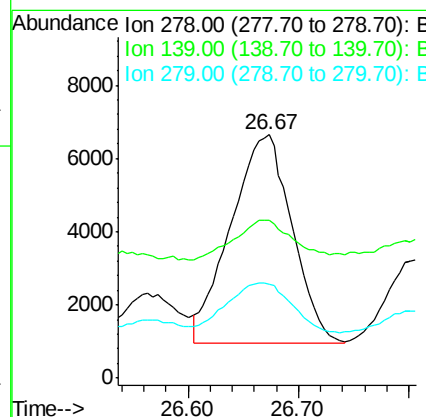
RT: 26.67 min Scan# 4359

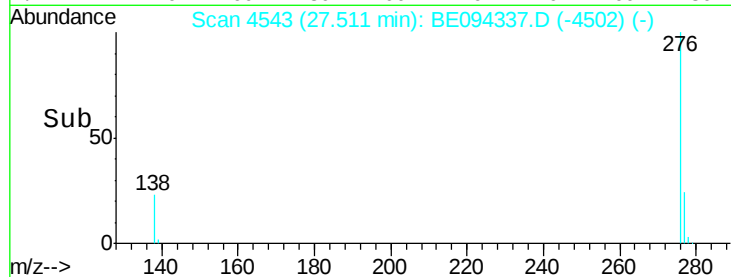
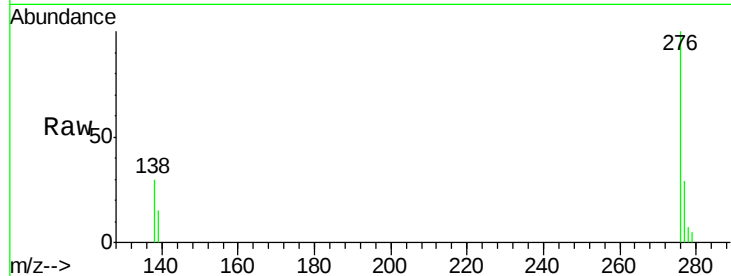
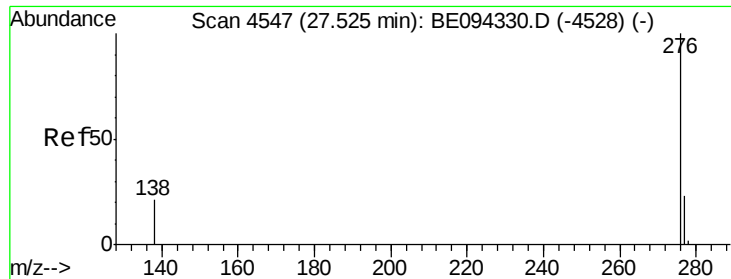
Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Tgt Ion:	278	Resp:	21844
Ion Ratio	Lower	Upper	
278	100		
139	64.9	17.4	26.0#
279	38.8	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 3.46 ng/ul m

RT: 27.51 min Scan# 4543

Delta R.T. -0.01 min

Lab File: BE094337.D

Acq: 13 Oct 2017 23:40

Instrument :

BNA_E

ClientSampleId :

B-39(0.5-1.5)-100317

Tgt Ion:	276	Resp:	79934
Ion Ratio	Lower	Upper	
276	100		
138	30.1	21.8	32.8
277	28.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:23:03 PM

