

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094299.D
 Acq On : 12 Oct 2017 3:16
 Operator : SJ/JU
 Sample : I5490-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717DL

Manual Integrations
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Sohil
 10/13/2017 12:06:02 PM

Quant Time: Oct 12 20:02:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 08:55:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1638	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8123	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9606	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9946	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	10450	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	753	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1765	0.06	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.76	128	40549	2.038	ng/ul#	91
5) 2-Methylnaphthalene	12.37	142	13218	1.024	ng/ul	98
7) Acenaphthylene	14.26	152	1414	0.080	ng/ul#	77
8) Acenaphthene	14.60	153	581	0.040	ng/ul#	86
9) Fluorene	15.58	166	848	0.050	ng/ul#	52
12) Phenanthrene	17.31	178	19846	0.791	ng/ul#	90
13) Anthracene	17.39	178	4536m	0.186	ng/ul	
15) Fluoranthene	19.33	202	43759	1.327	ng/ul	83
17) Pyrene	19.69	202	42642	1.541	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	25832	0.979	ng/ul#	66
19) Chrysene	21.48	228	39260	1.288	ng/ul#	71
21) Benzo(b)fluoranthene	23.20	252	42415m	1.494	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	13102m	0.399	ng/ul	
23) Benzo(a)pyrene	23.86	252	25784	0.874	ng/ul#	29
24) Indeno(1,2,3-cd)pyrene	26.68	276	15134	0.502	ng/ul#	91
26) Benzo(a,h,i)perylene	27.53	276	13670	0.525	ng/ul#	27

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

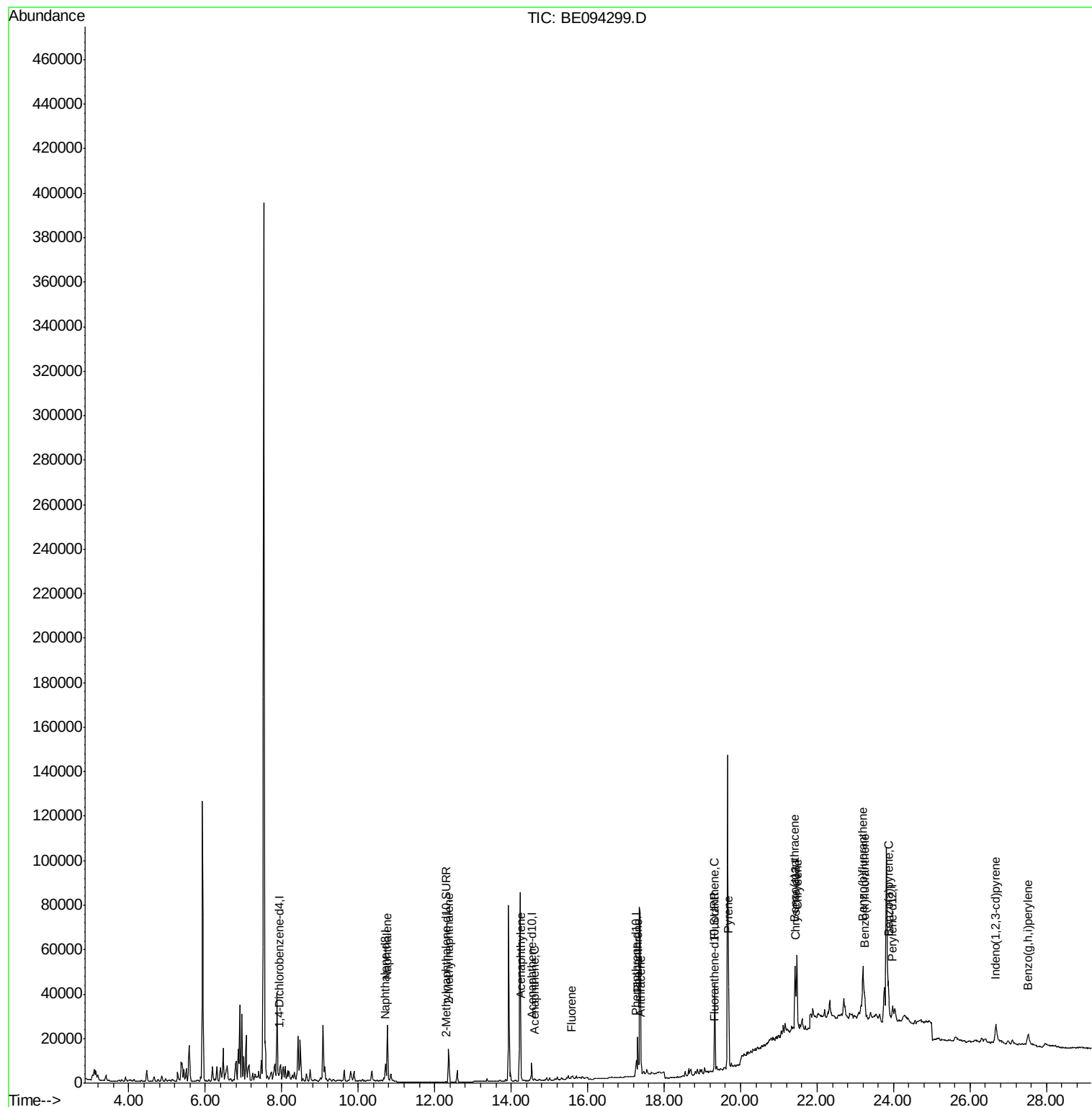
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094299.D
Acq On : 12 Oct 2017 3:16
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ALS Vial : 22 Sample Multiplier: 1

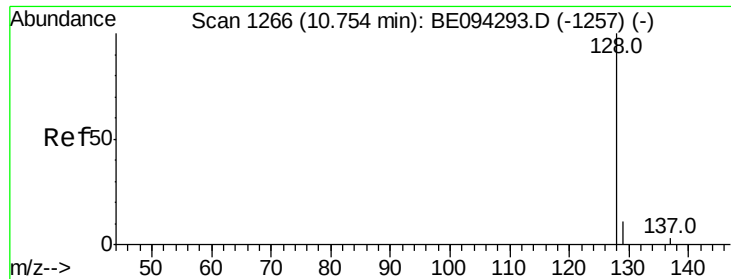
Instrument :
BNA_E
ClientSampleId :
B-58(1-2)-092717DL

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 2.038 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Instrument :

BNA_E

ClientSampleId :

B-58(1-2)-092717DL

Tot Ion:128 Resp: 40549

Ion Ratio Lower Upper

128 100

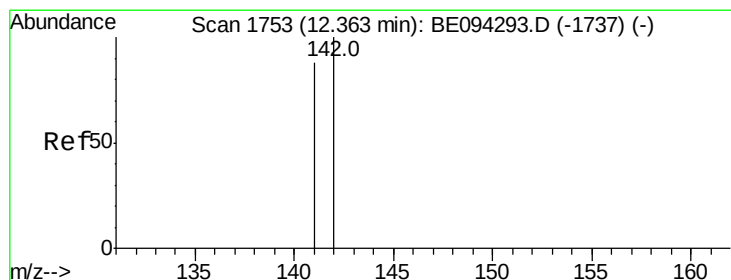
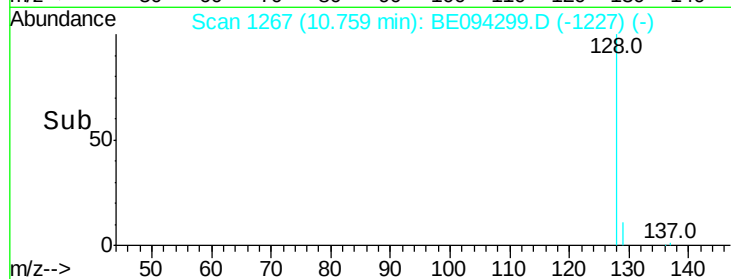
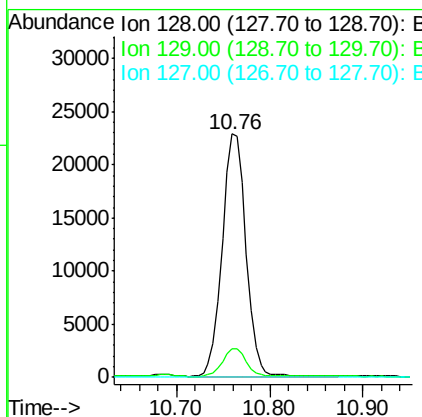
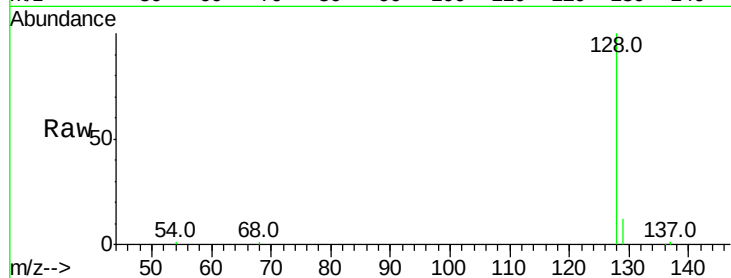
129 11.6 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.024 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BE094299.D

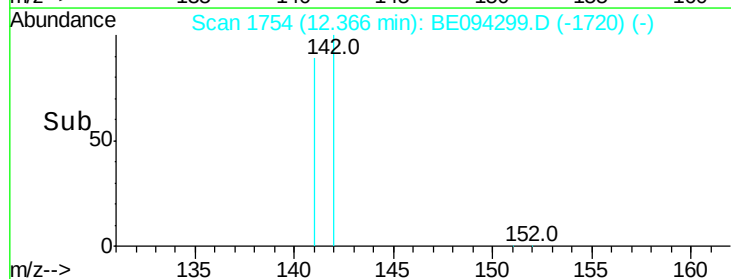
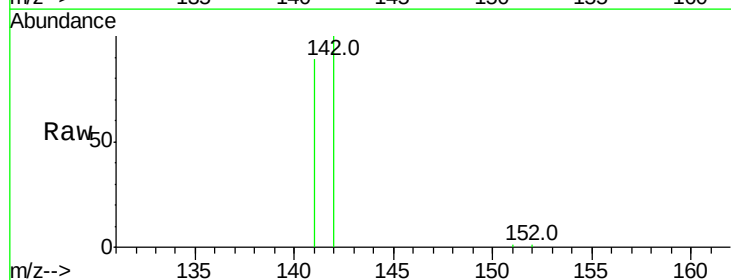
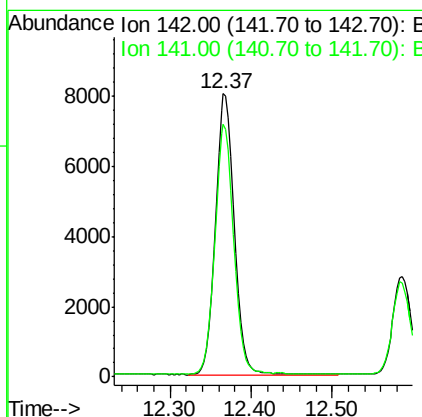
Acq: 12 Oct 2017 3:16

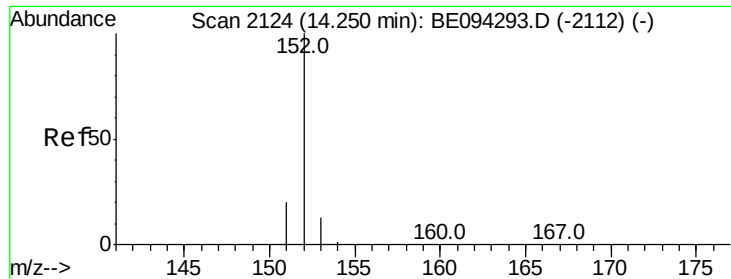
Tgt Ion:142 Resp: 13218

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.080 ng/ul

RT: 14.26 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Instrument :

BNA_E

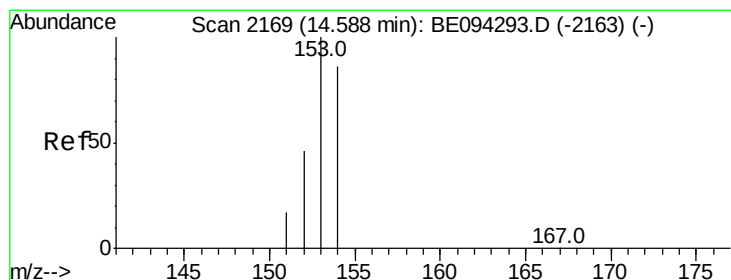
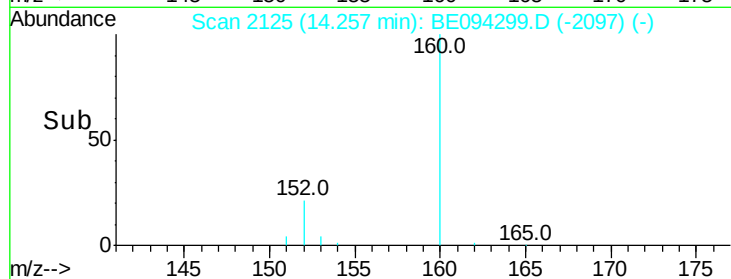
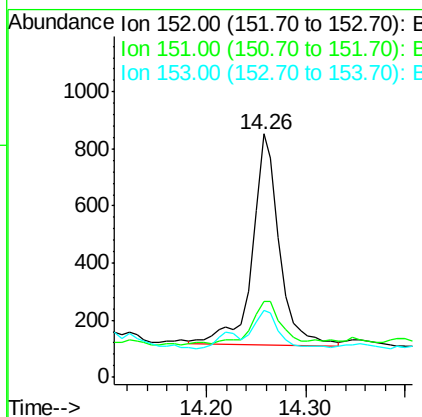
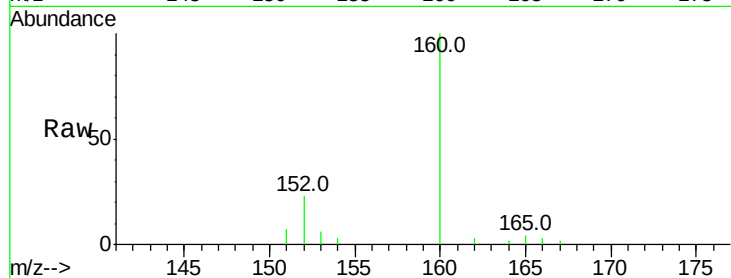
ClientSampleId :

B-58(1-2)-092717DL

Tot Ion:	152	Resp:	1414
Ion Ratio	Lower	Upper	
152	100		
151	31.1	17.1	25.7#
153	27.7	12.8	19.2#

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#8

Acenaphthene

Concen: 0.040 ng/ul

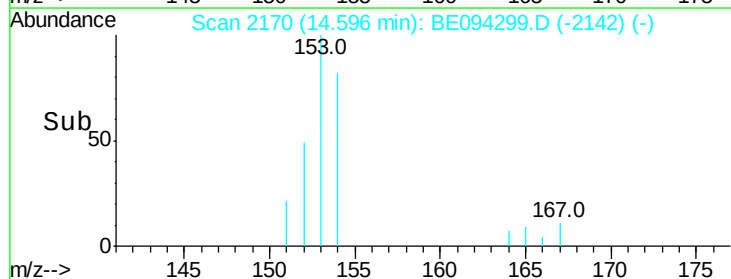
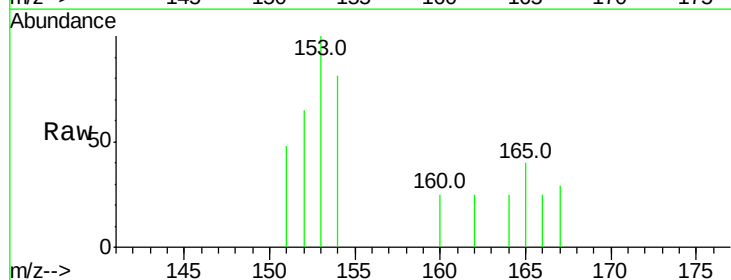
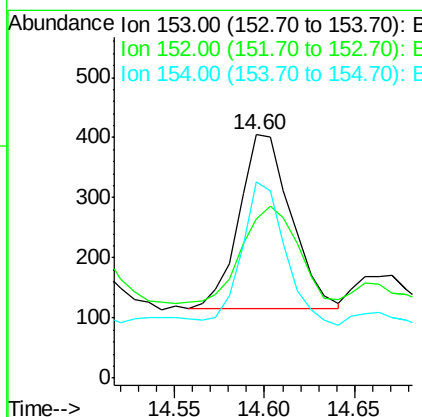
RT: 14.60 min Scan# 2170

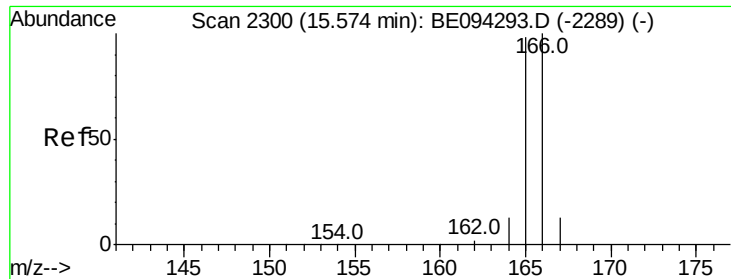
Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Tgt Ion:	153	Resp:	581
Ion Ratio	Lower	Upper	
153	100		
152	65.2	40.3	60.5#
154	80.7	71.4	107.2





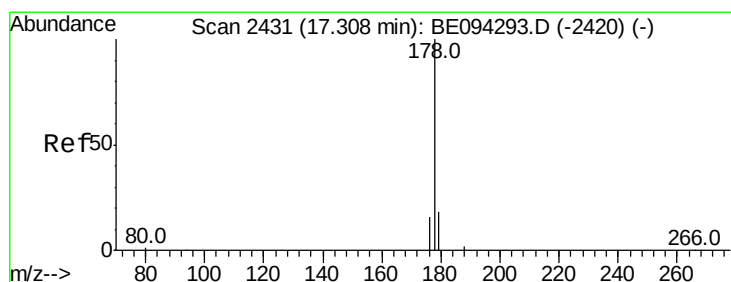
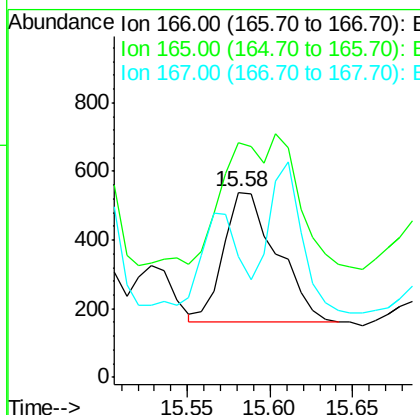
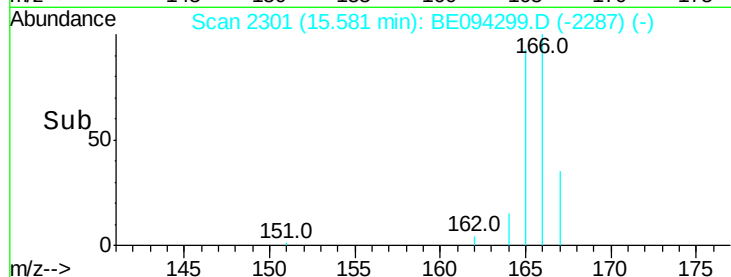
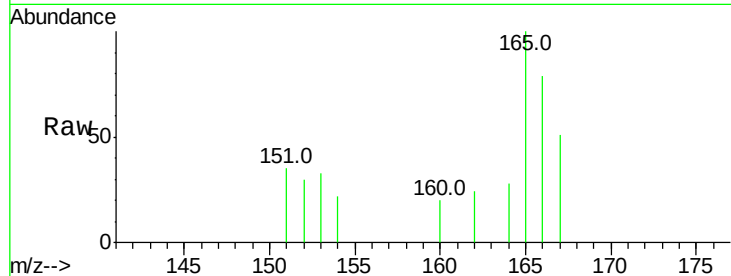
#9
Fluorene
 Concen: 0.050 ng/ul
 RT: 15.58 min Scan# 2301
 Delta R.T. 0.01 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
166	100		
165	126.5	73.4	110.2#
167	65.0	14.6	22.0#

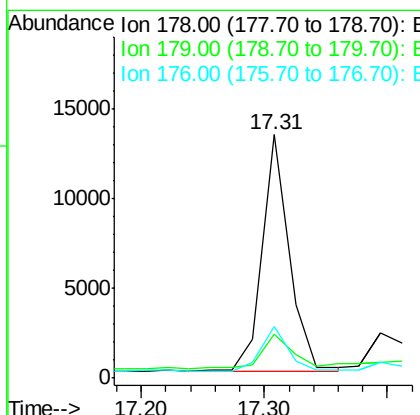
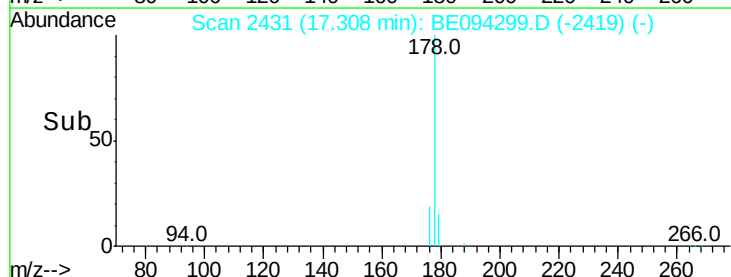
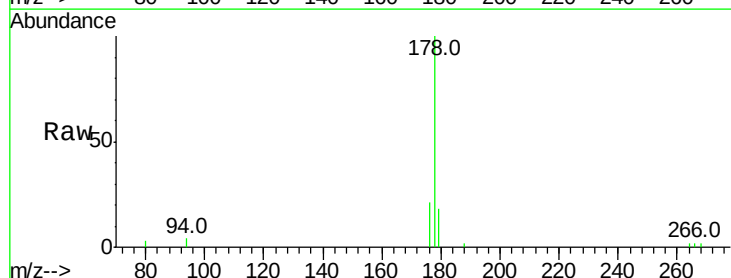
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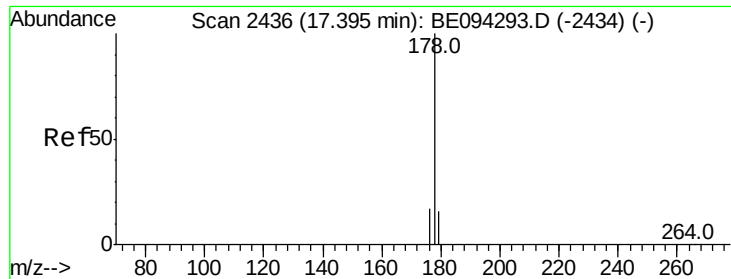
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#12
Phenanthrene
 Concen: 0.791 ng/ul
 RT: 17.31 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	21.4	13.6	20.4#





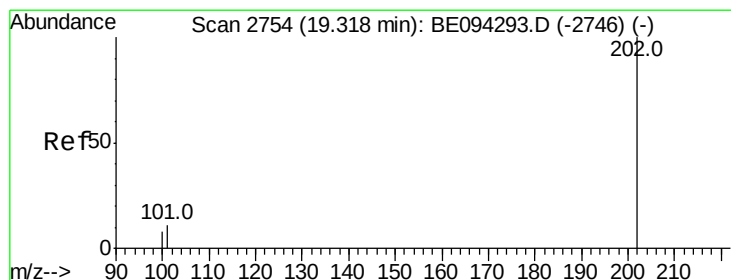
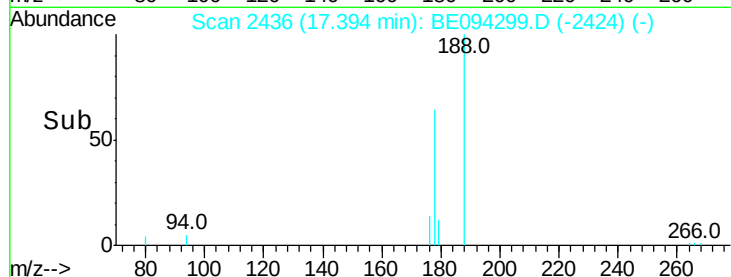
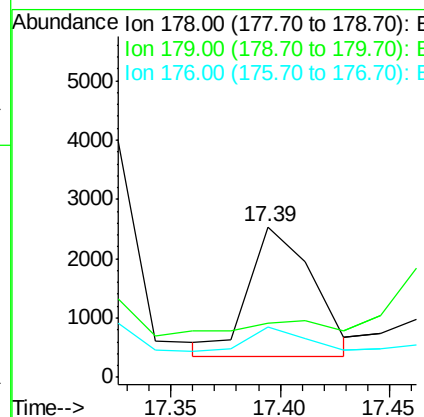
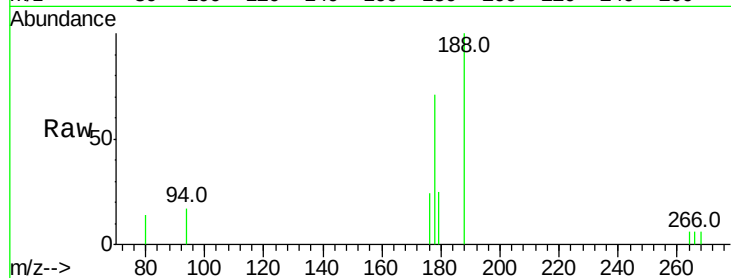
#13
 Anthracene
 Concen: 0.186 ng/ul m
 RT: 17.39 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717DL

Tot Ion:178 Resp: 4536
 Ion Ratio Lower Upper
 178 100
 179 35.8 18.1 27.1#
 176 33.6 14.7 22.1#

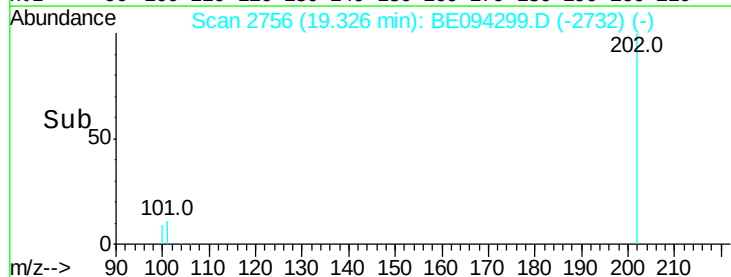
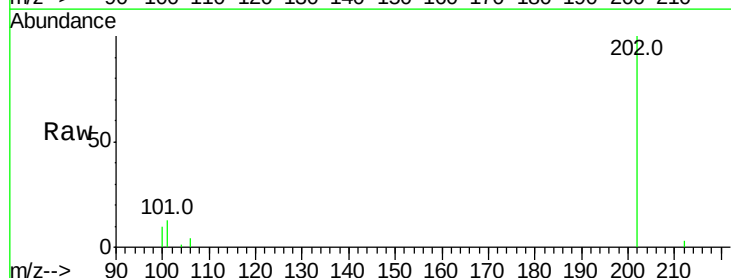
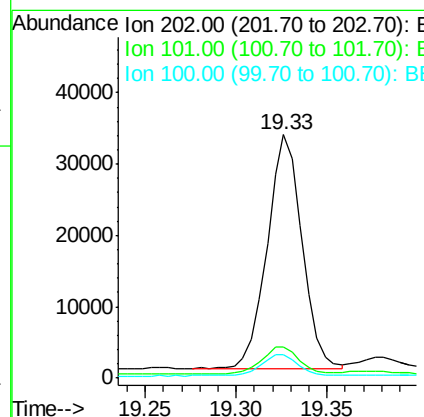
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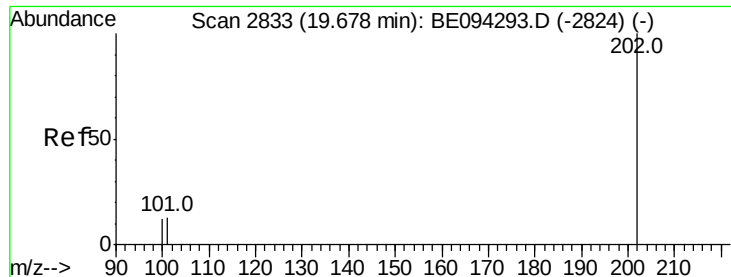
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#15
 Fluoranthene
 Concen: 1.327 ng/ul
 RT: 19.33 min Scan# 2756
 Delta R.T. 0.01 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Tgt Ion:202 Resp: 43759
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 30.3
 100 9.7 0.0 39.5





#17

Pvrene

Concen: 1.541 ng/ul

RT: 19.69 min Scan# 2835

Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Instrument :

BNA_E

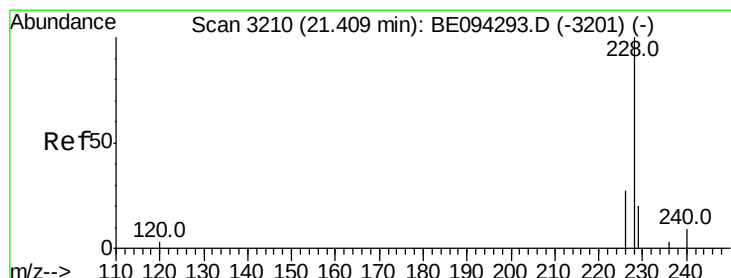
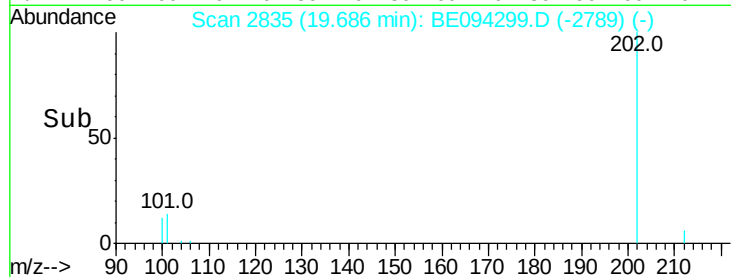
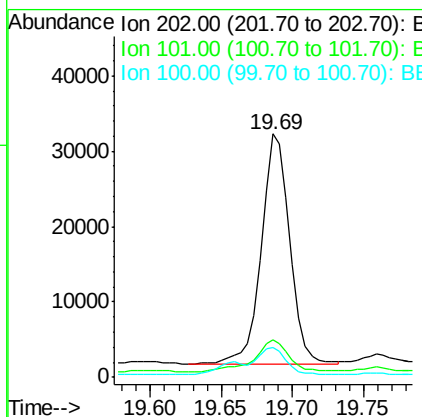
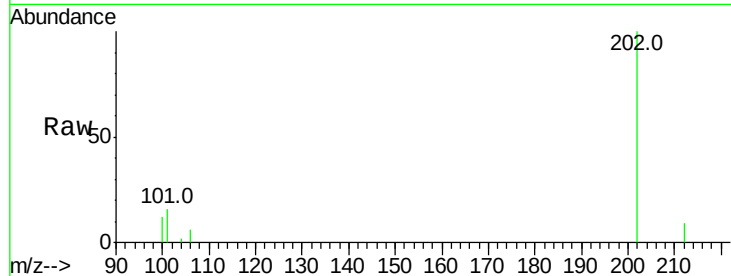
ClientSampleId :

B-58(1-2)-092717DL

Tot Ion:	202	Resp:	42642
Ion Ratio	Lower	Upper	
202	100		
101	15.6	18.2	27.4#
100	12.4	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.979 ng/ul

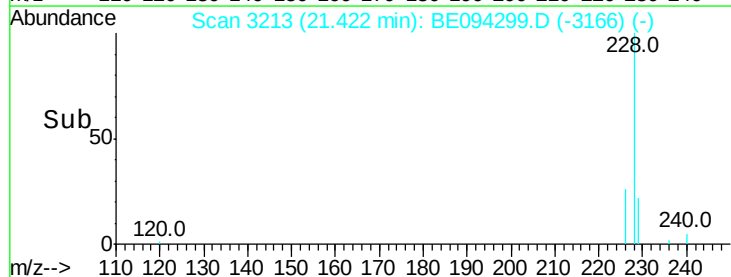
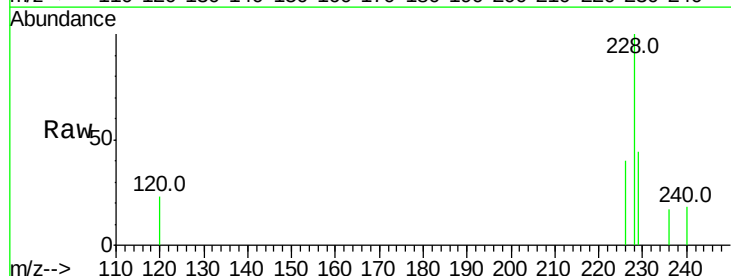
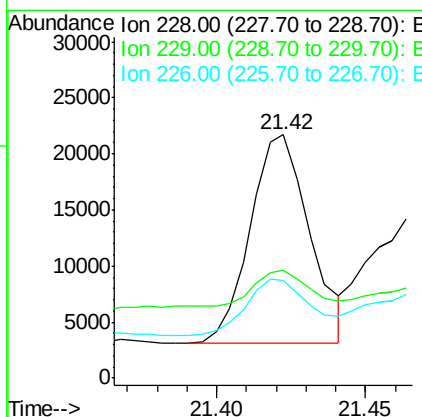
RT: 21.42 min Scan# 3213

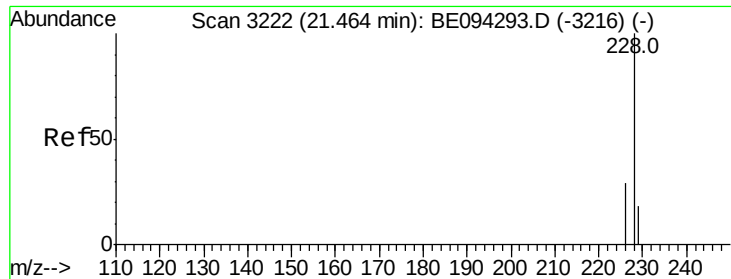
Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Tgt Ion:	228	Resp:	25832
Ion Ratio	Lower	Upper	
228	100		
229	44.2	22.8	34.2#
226	40.4	17.0	25.6#





#19

Chrysene

Concen: 1.288 ng/ul

RT: 21.48 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Instrument :

BNA_E

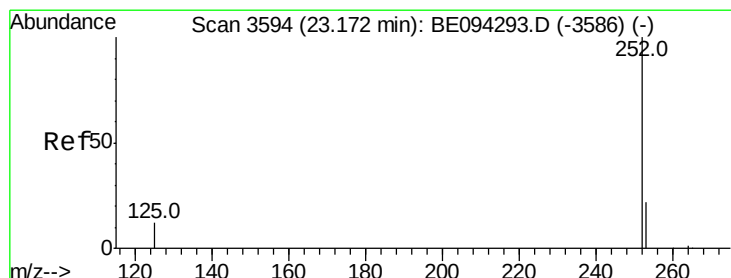
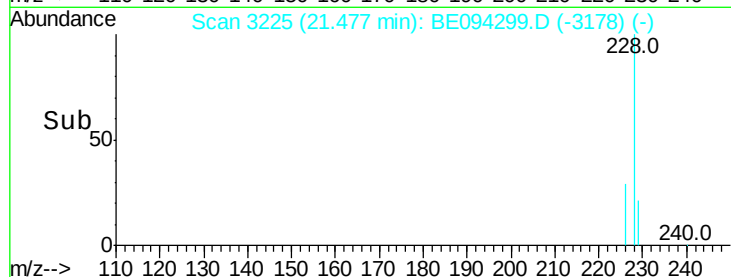
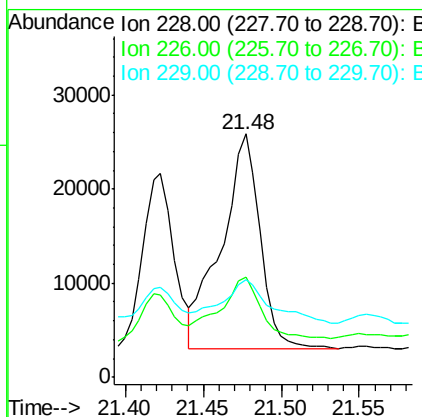
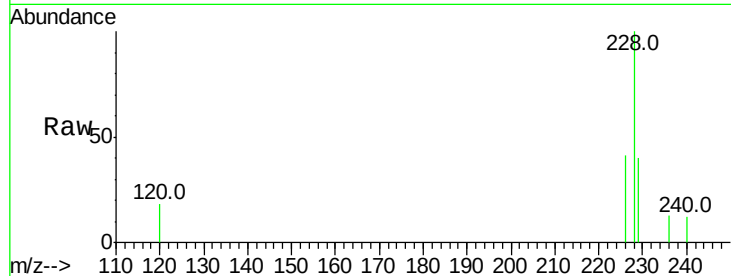
ClientSampleId :

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Tot Ion:	228	Resp:	39260
Ion Ratio	Lower	Upper	
228	100		
226	41.2	23.4	35.0#
229	40.0	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.494 ng/ul m

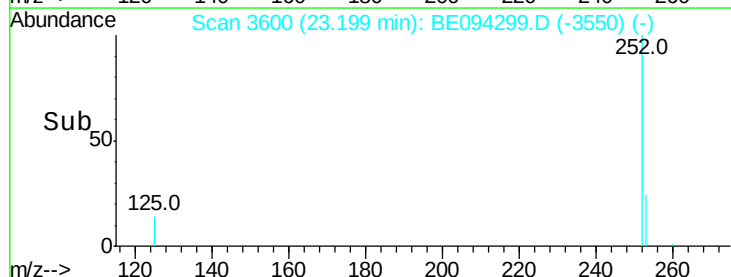
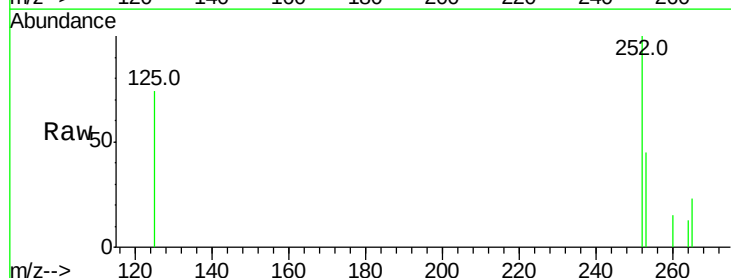
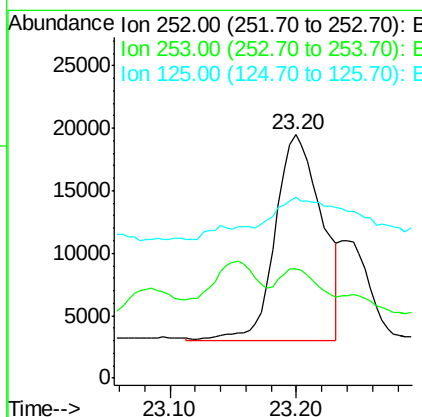
RT: 23.20 min Scan# 3600

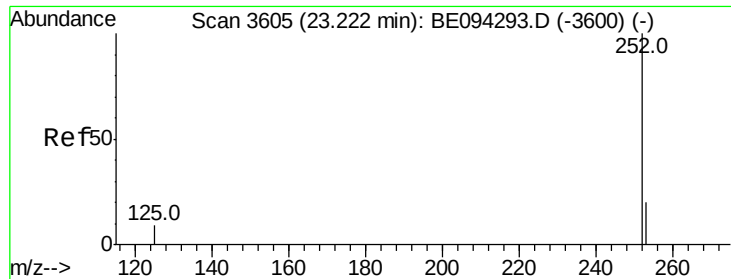
Delta R.T. 0.03 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Tgt Ion:	252	Resp:	42415
Ion Ratio	Lower	Upper	
252	100		
253	45.0	0.0	64.2
125	74.4	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.399 ng/ul m

RT: 23.24 min Scan# 3609

Delta R.T. 0.02 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Instrument :

BNA_E

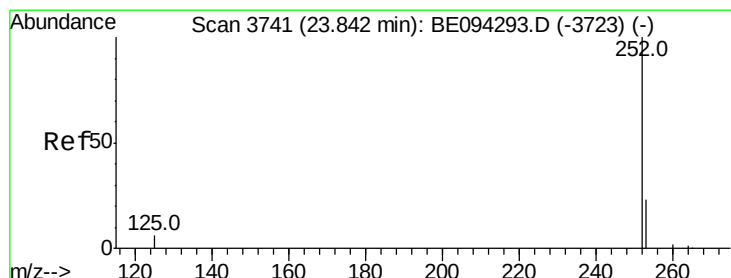
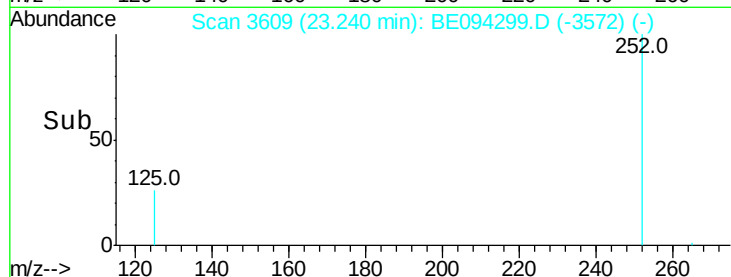
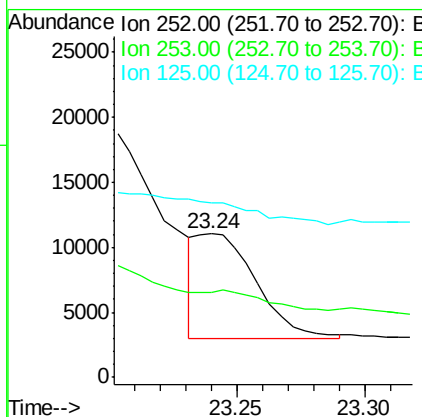
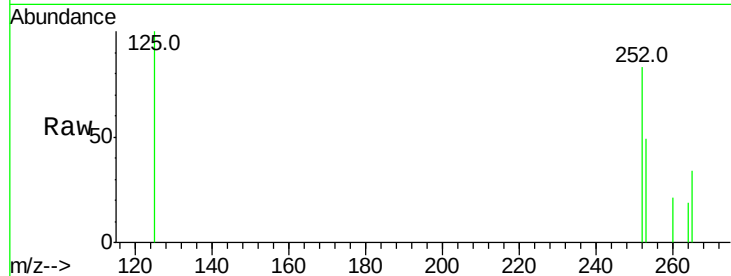
ClientSampleId :

B-58(1-2)-092717DL

Tot Ion:	252	Resp:	13102
Ion Ratio	Lower	Upper	
252	100		
253	59.4	24.5	36.7#
125	121.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.874 ng/ul

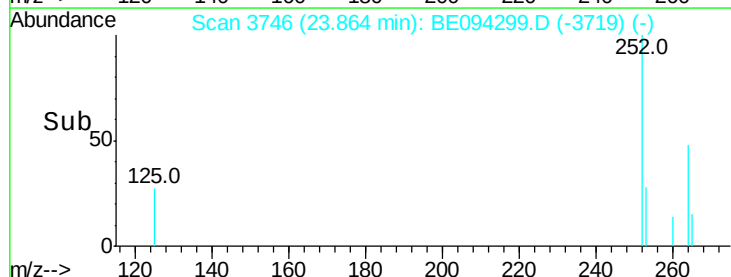
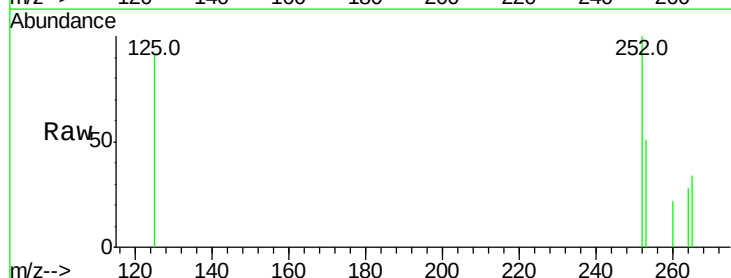
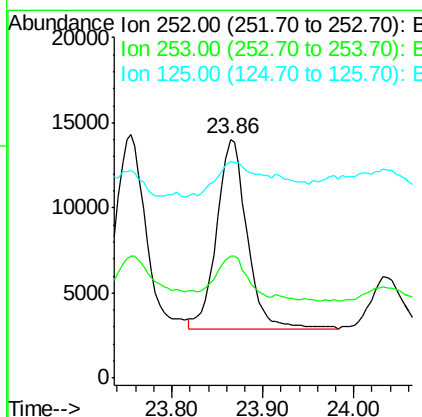
RT: 23.86 min Scan# 3746

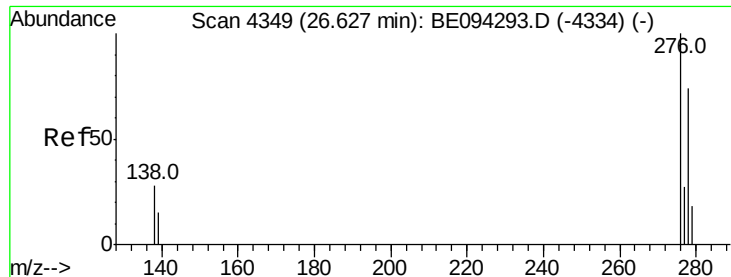
Delta R.T. 0.02 min

Lab File: BE094299.D

Acq: 12 Oct 2017 3:16

Tgt Ion:	252	Resp:	25784
Ion Ratio	Lower	Upper	
252	100		
253	51.0	28.5	42.7#
125	90.6	18.1	27.1#





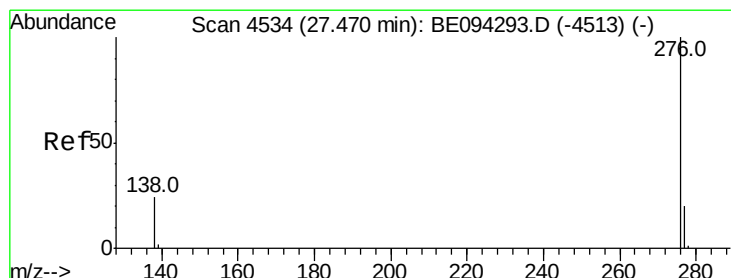
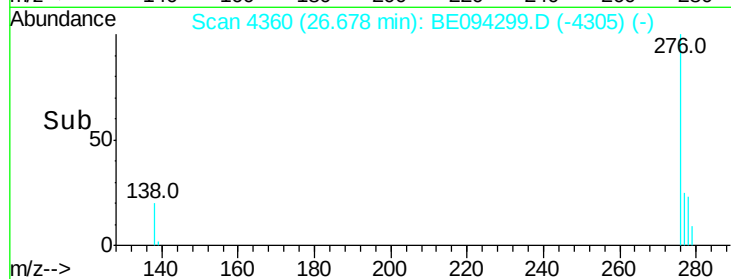
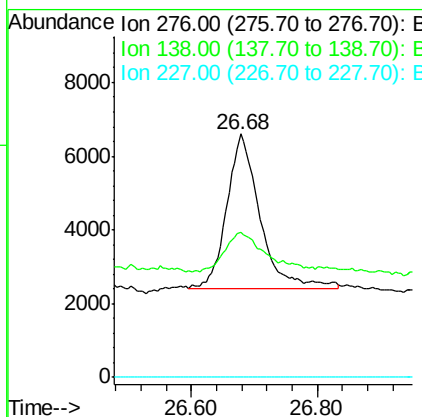
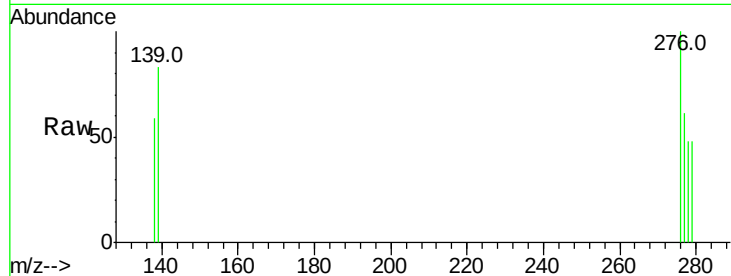
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.502 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.05 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Instrument :
 BNA_E
 ClientSampleId :
 B-58(1-2)-092717DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	28.0	42.0
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:06:02 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.525 ng/ul
 RT: 27.53 min Scan# 4546
 Delta R.T. 0.05 min
 Lab File: BE094299.D
 Acq: 12 Oct 2017 3:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	62.9	21.8	32.8#
277	64.9	20.5	30.7#

