

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094709.D
 Acq On : 3 Nov 2017 16:11
 Operator : SJ/JU
 Sample : I5825-07 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-62(0-1)-101117

Manual Integrations
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Sohil
 11/4/2017 2:15:17 PM

Quant Time: Nov 03 23:36:17 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1374	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7992	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4451	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	9474	0.40	ng/ul	-0.03
16) Chrysene-d12	21.42	240	9660	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	10436	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	621	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1518	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2799	0.143	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1011	0.074	ng/ul	97
7) Acenaphthylene	14.24	152	2599	0.129	ng/ul	98
8) Acenaphthene	14.57	153	4011	0.277	ng/ul	99
9) Fluorene	15.56	166	4257	0.262	ng/ul	92
12) Phenanthrene	17.29	178	89387	3.572	ng/ul#	93
13) Anthracene	17.38	178	18824	0.762	ng/ul#	93
15) Fluoranthene	19.30	202	183136	6.330	ng/ul	84
17) Pyrene	19.66	202	162522	5.442	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	85721	3.104	ng/ul#	87
19) Chrysene	21.45	228	88126	3.087	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	112717m	3.840	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	38995m	1.240	ng/ul	
23) Benzo(a)pyrene	23.83	252	73839	2.516	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	40615	1.338	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	9302	0.364	ng/ul	98
26) Benzo(g,h,i)perylene	27.49	276	33991	1.394	ng/ul	97

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

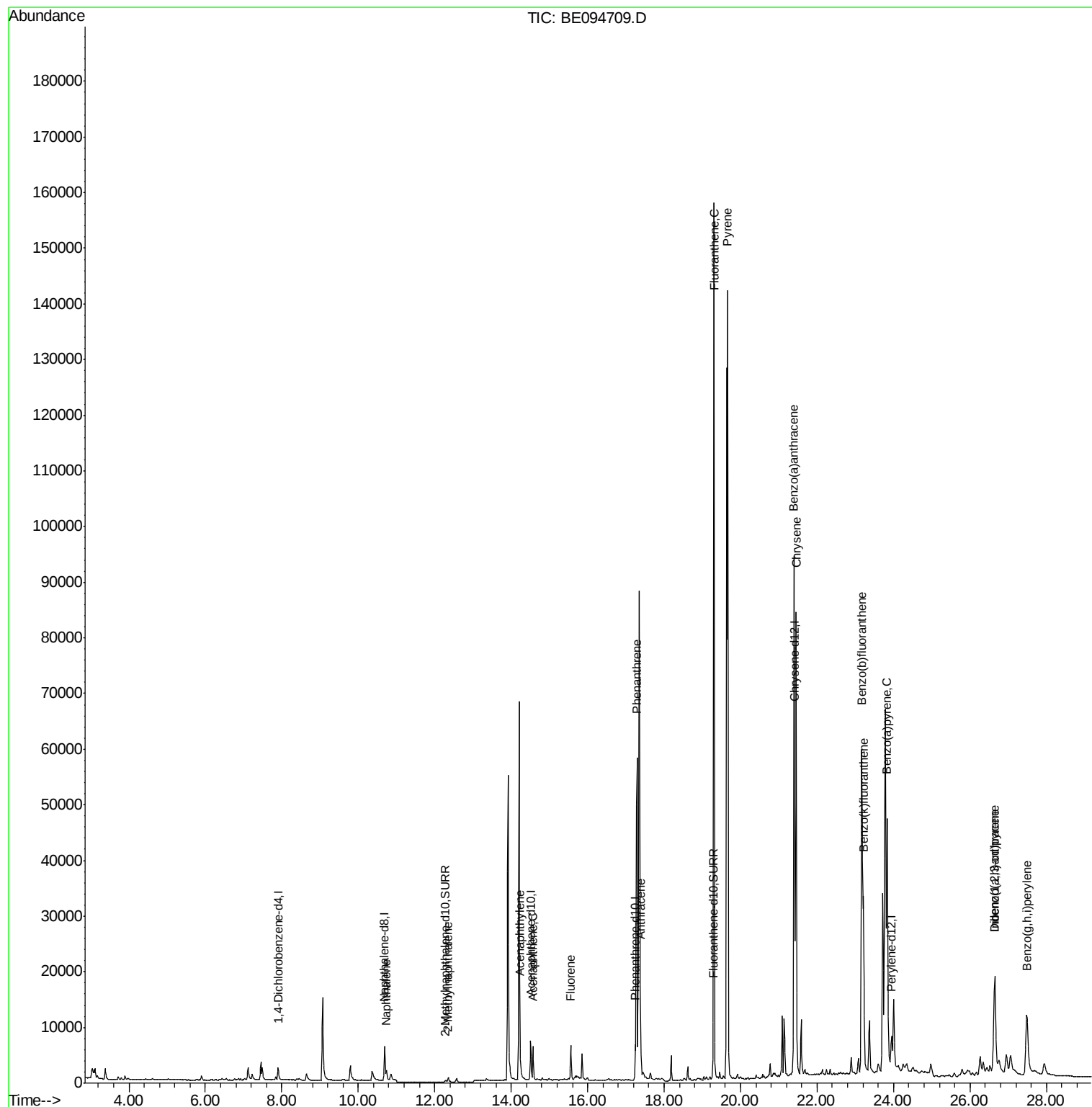
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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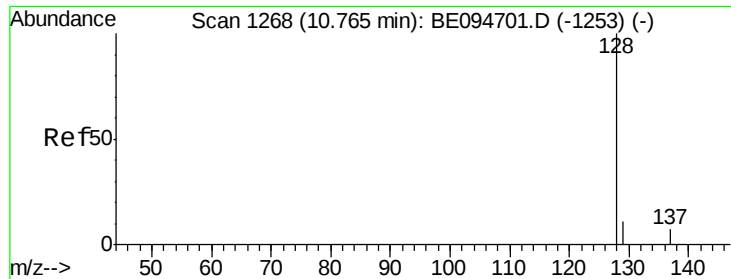
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Fri Nov 03 23:54:30 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.143 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Instrument :

BNA_E

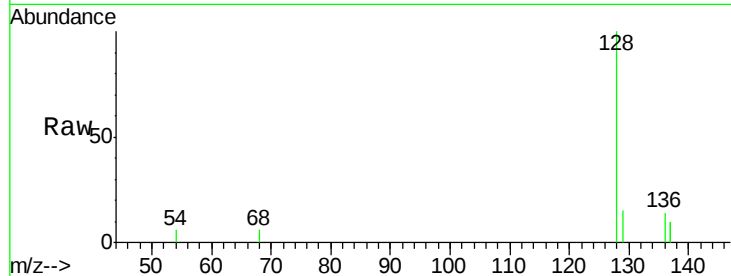
ClientSampleId :

B-62(0-1)-101117

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	0.0	4.0	6.0

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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.74

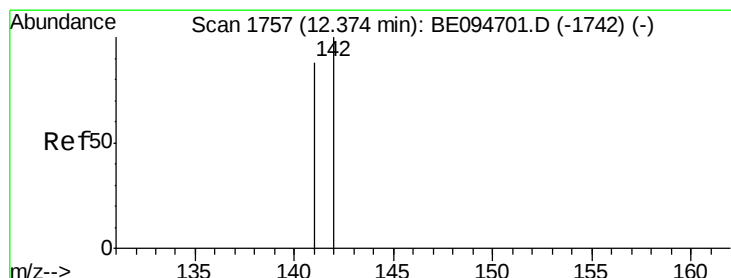
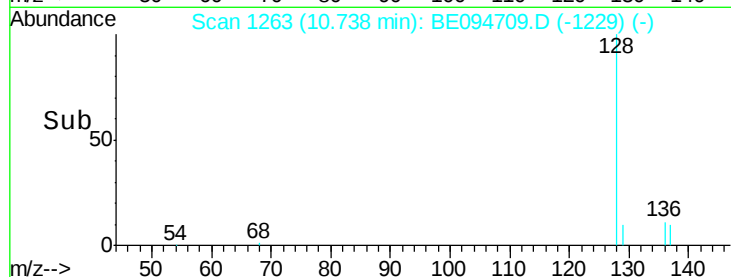
1500

1000

500

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.074 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.02 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.6	108.8

Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.35

500

400

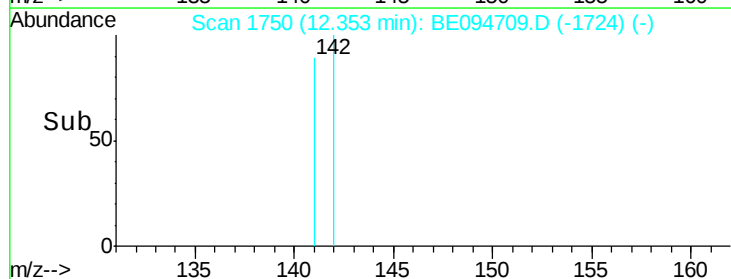
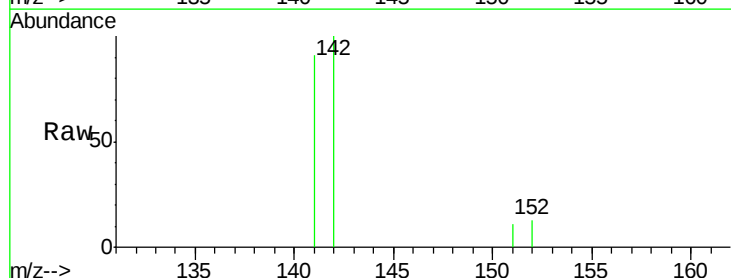
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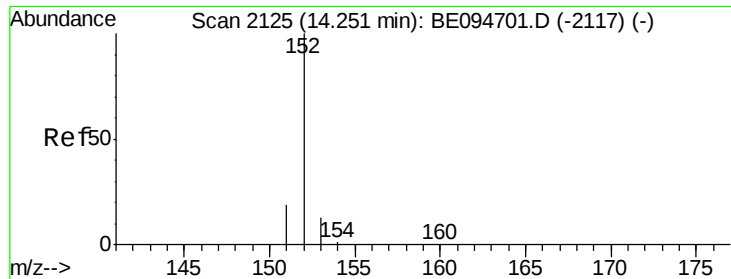
200

100

0

Time-->





#7

Acenaphthylene

Concen: 0.129 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Instrument :

BNA_E

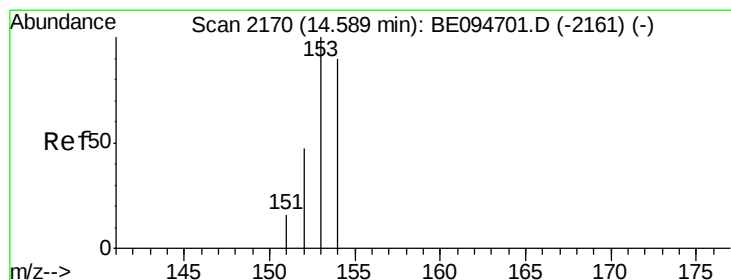
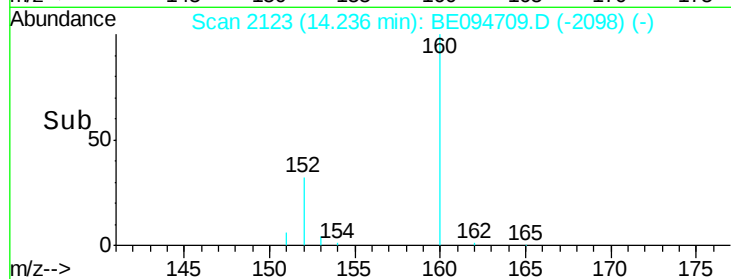
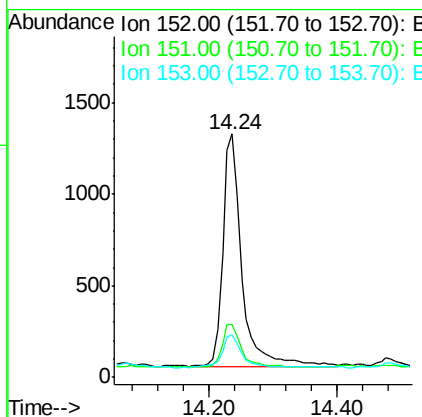
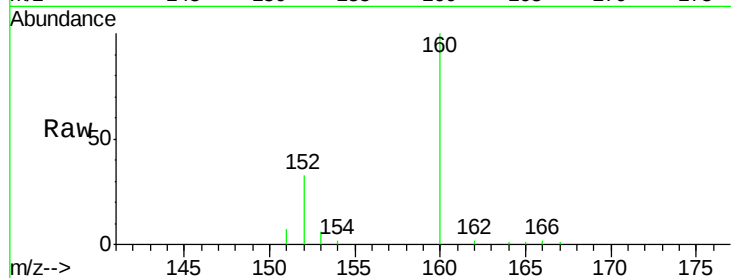
ClientSampleId :

B-62(0-1)-101117

Tgt Ion:	152	Resp:	2599
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	17.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.277 ng/ul

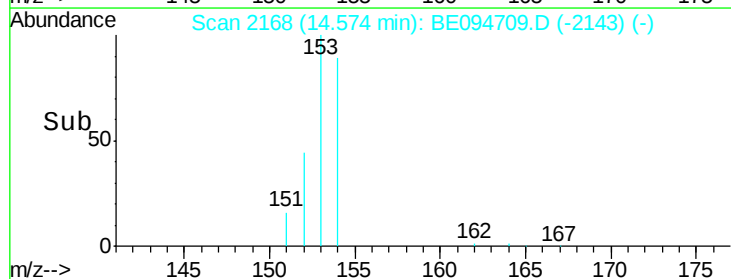
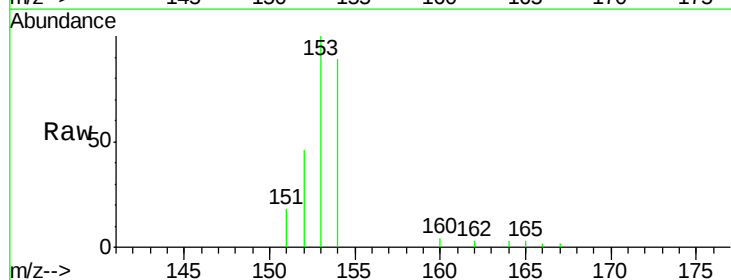
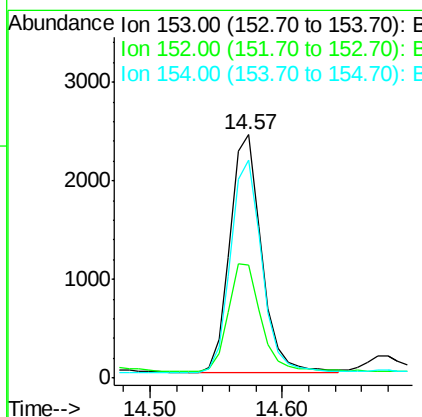
RT: 14.57 min Scan# 2168

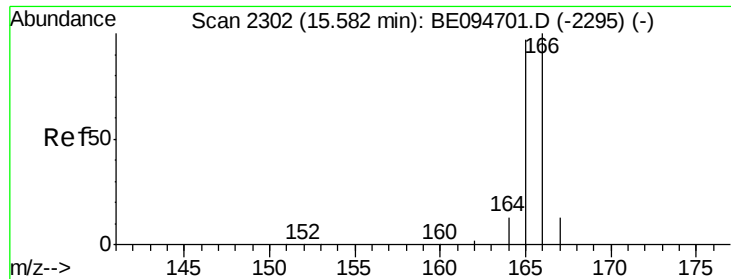
Delta R.T. -0.01 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Tgt Ion:	153	Resp:	4011
Ion Ratio	Lower	Upper	
153	100		
152	46.4	36.0	54.0
154	89.5	72.0	108.0





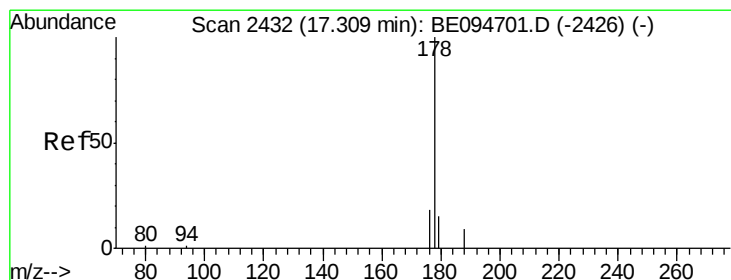
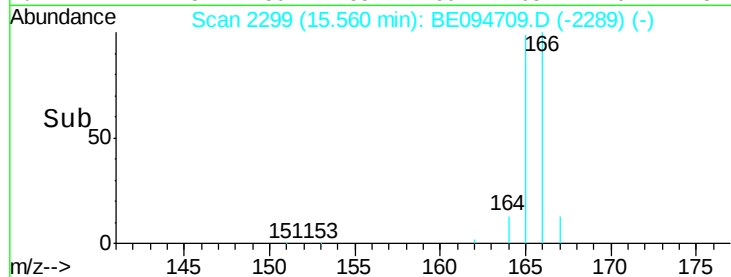
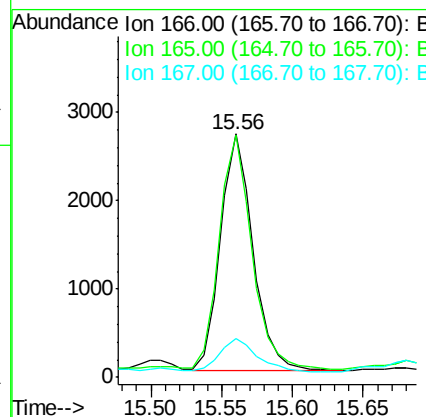
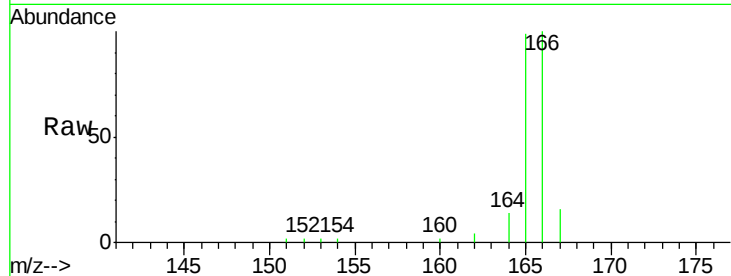
#9
Fluorene
 Concen: 0.262 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	15.8	14.6	22.0

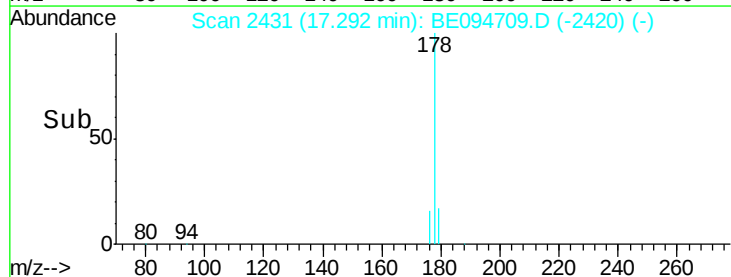
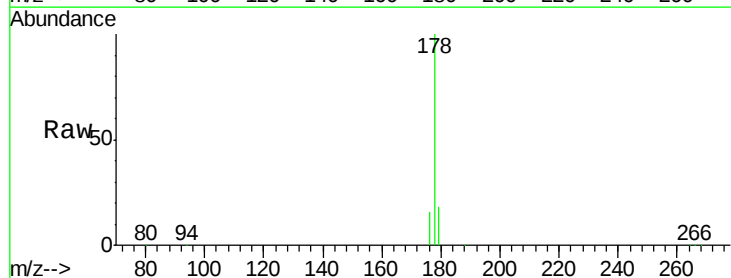
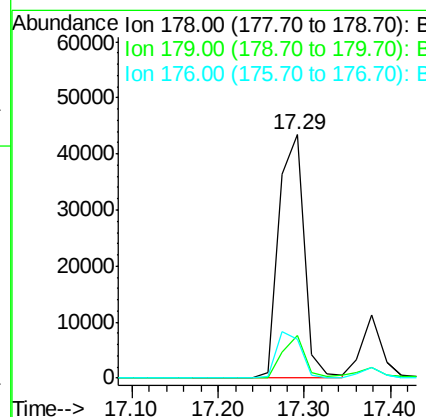
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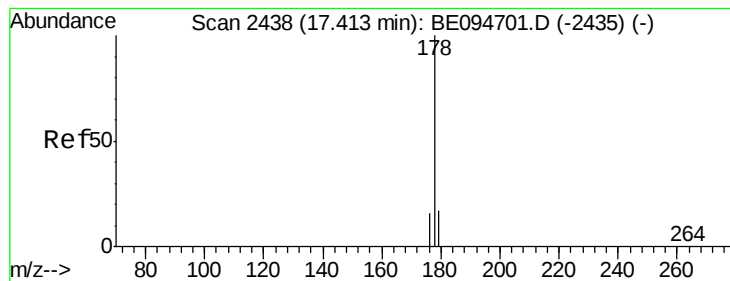
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#12
Phenanthrene
 Concen: 3.572 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	15.9	13.6	20.4





#13

Anthracene

Concen: 0.762 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Instrument :

BNA_E

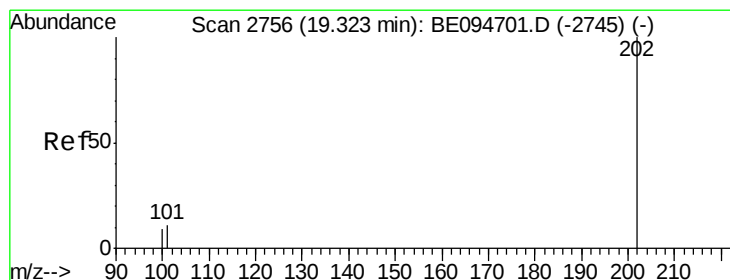
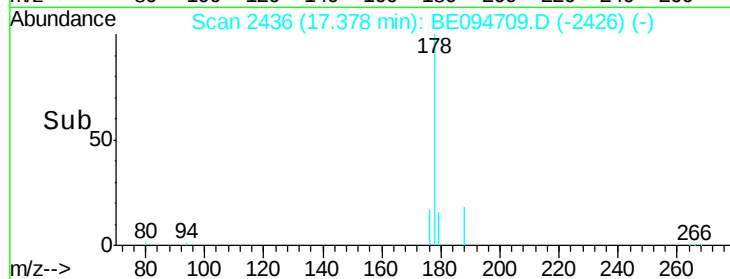
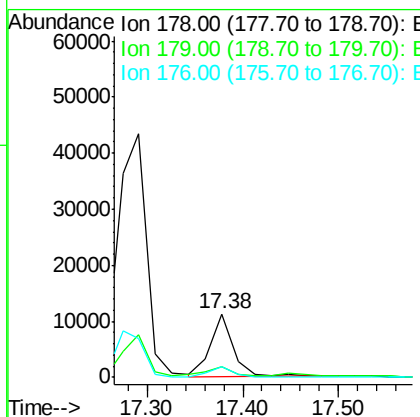
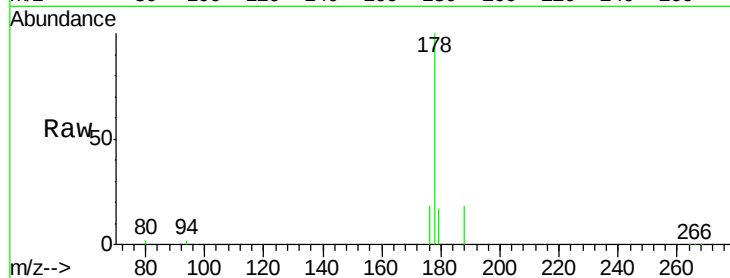
ClientSampleId :

B-62(0-1)-101117

Tgt Ion:	178	Resp:	18824
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.1	27.1#
176	17.7	14.7	22.1

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#15

Fluoranthene

Concen: 6.330 ng/ul

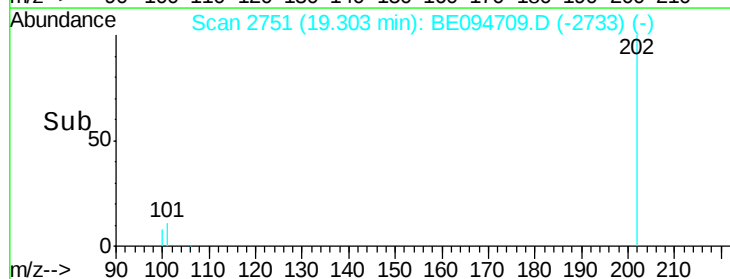
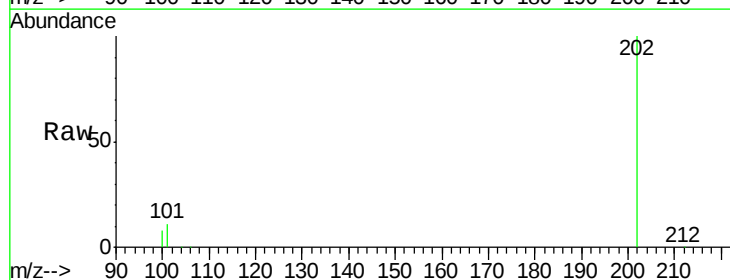
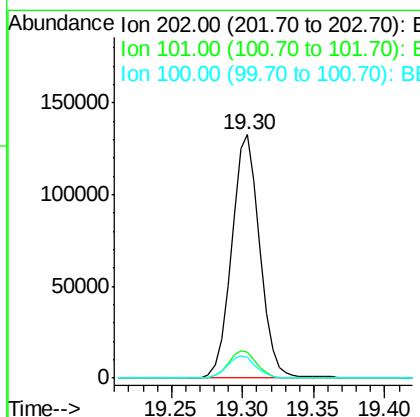
RT: 19.30 min Scan# 2751

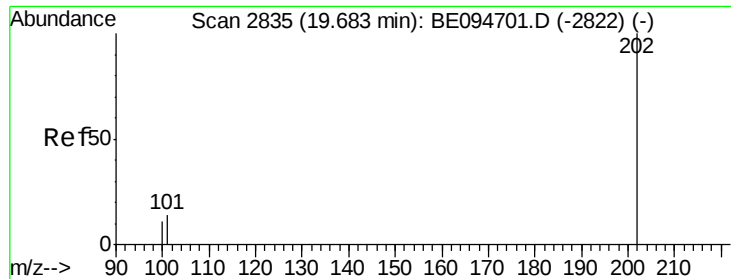
Delta R.T. -0.02 min

Lab File: BE094709.D

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Tgt Ion:	202	Resp:	183136
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.3
100	8.3	0.0	39.5





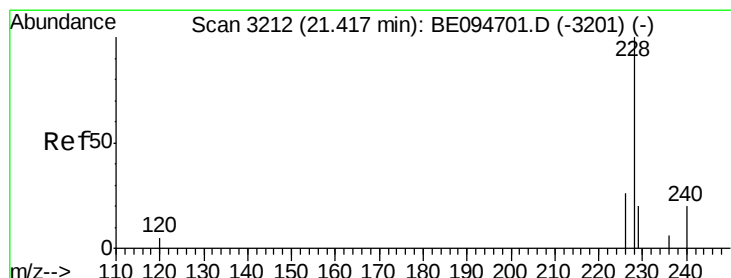
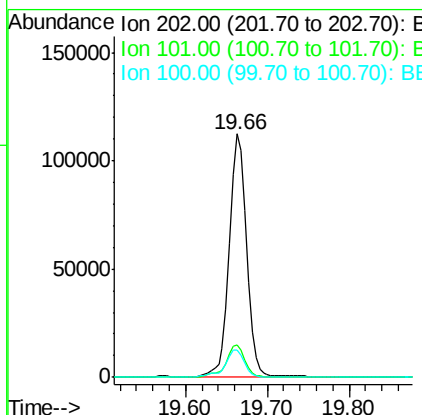
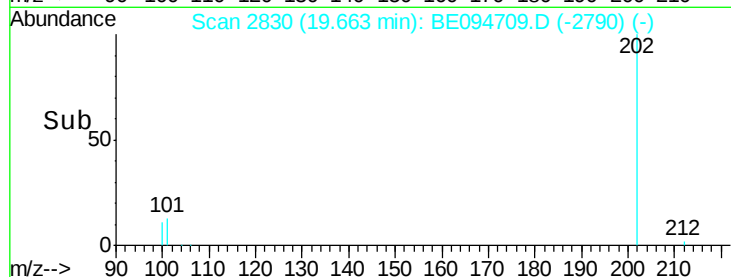
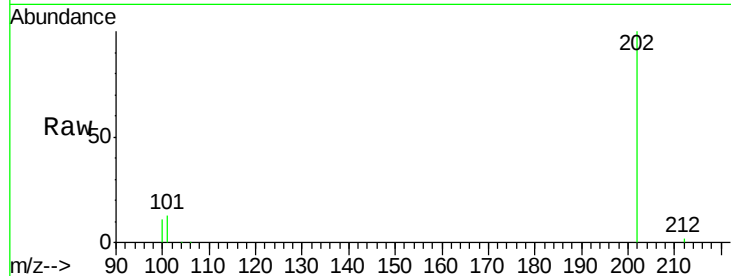
#17
Pyrene
 Concen: 5.442 ng/ul
 RT: 19.66 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	18.2	27.4#
100	11.3	15.6	23.4#

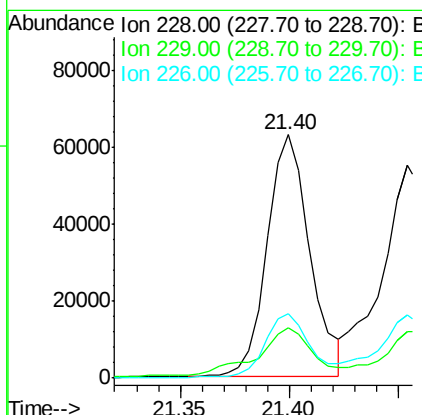
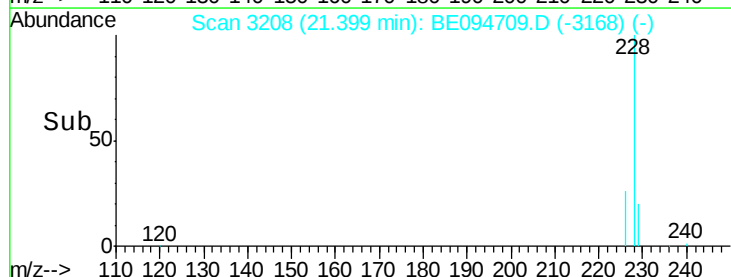
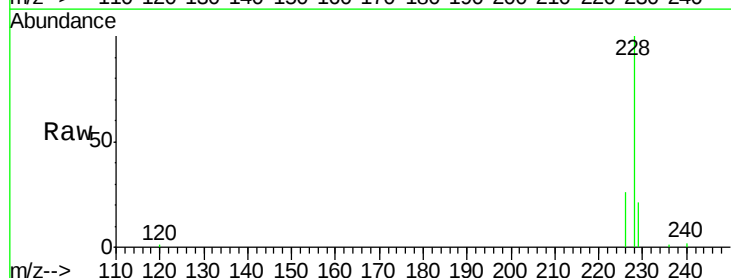
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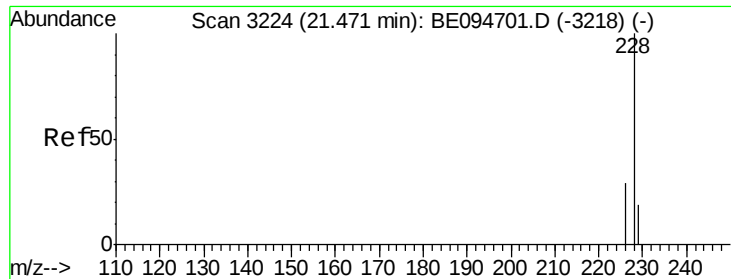
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#18
Benzo(a)anthracene
 Concen: 3.104 ng/ul
 RT: 21.40 min Scan# 3208
 Delta R.T. -0.02 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.6	22.8	34.2#
226	26.4	17.0	25.6#





#19

Chrysene

Concen: 3.087 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Instrument :

BNA_E

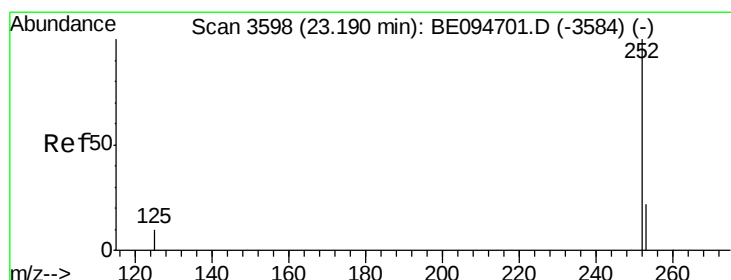
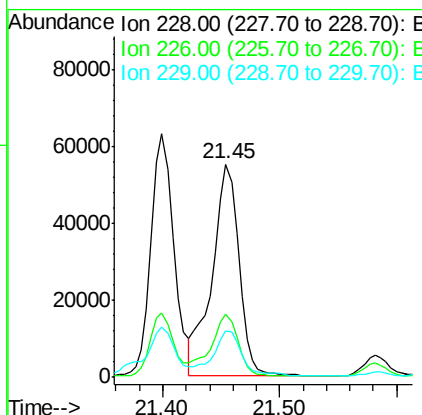
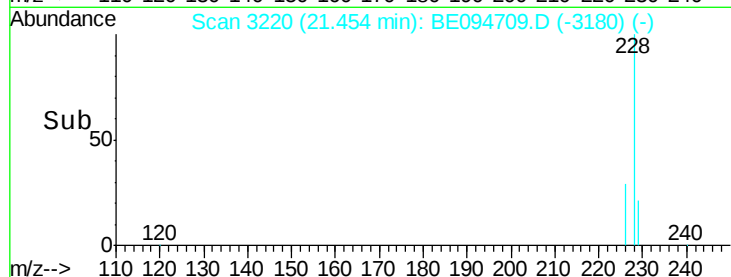
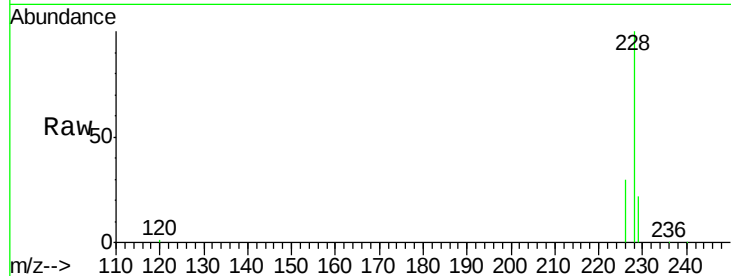
ClientSampleId :

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Tgt Ion:	228	Resp:	88126
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.840 ng/ul m

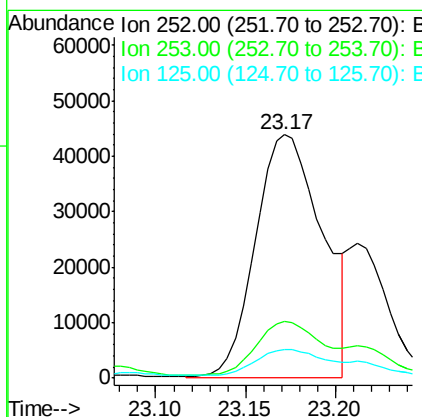
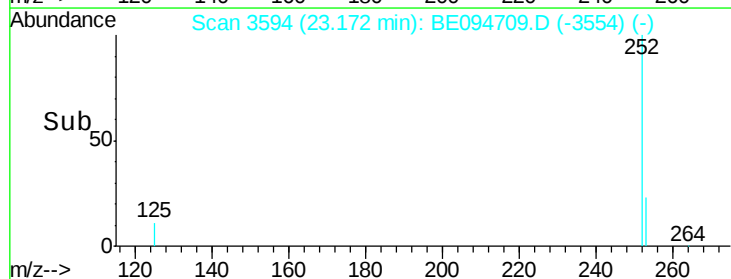
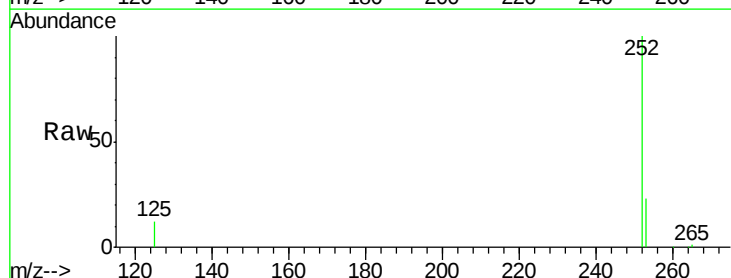
RT: 23.17 min Scan# 3594

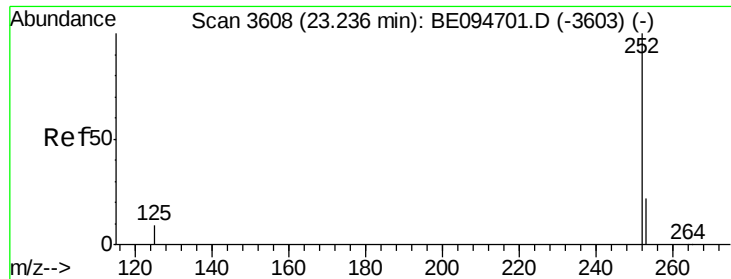
Delta R.T. -0.02 min

Lab File: BE094709.D

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Tgt Ion:	252	Resp:	112717
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	11.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.240 ng/ul m

RT: 23.21 min Scan# 3603

Delta R.T. -0.02 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Instrument :

BNA_E

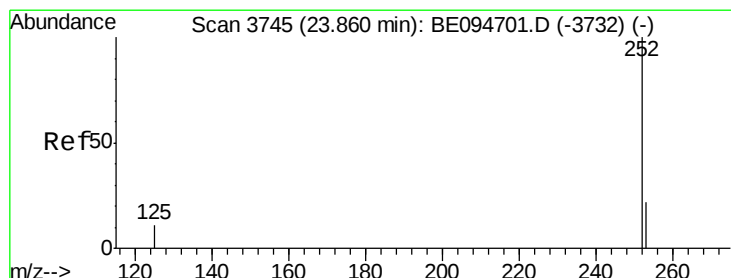
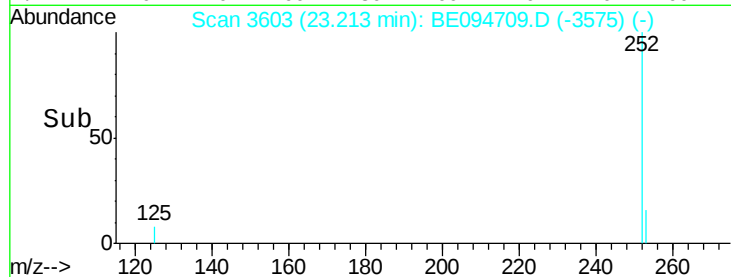
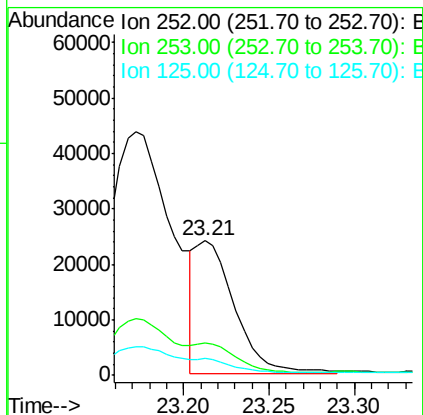
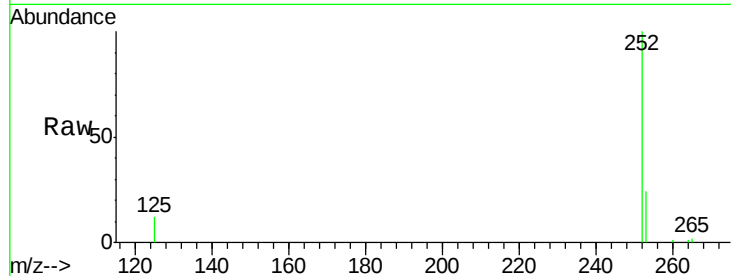
ClientSampleId :

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Tgt Ion:	252	Resp:	38995
Ion Ratio	Lower	Upper	
252	100		
253	23.7	24.5	36.7#
125	12.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.516 ng/ul

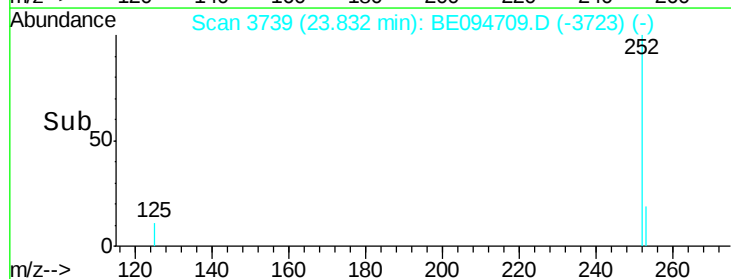
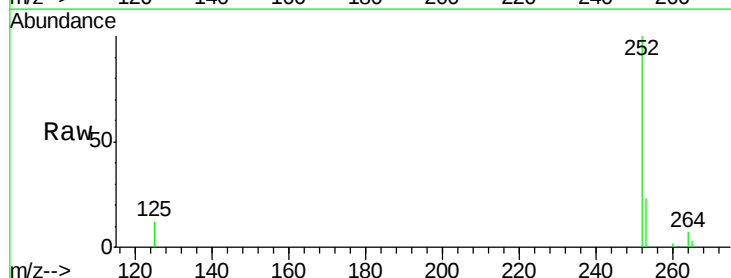
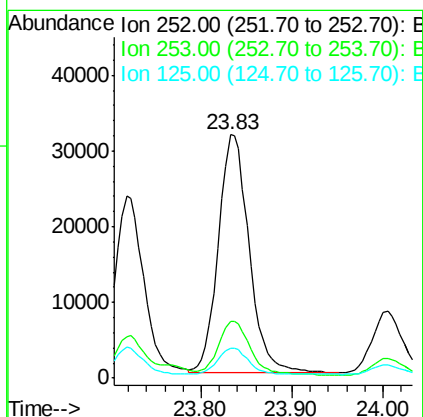
RT: 23.83 min Scan# 3739

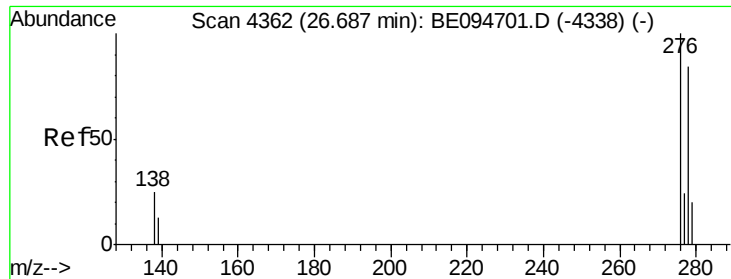
Delta R.T. -0.03 min

Lab File: BE094709.D

Acq: 3 Nov 2017 16:11

Tgt Ion:	252	Resp:	73839
Ion Ratio	Lower	Upper	
252	100		
253	23.3	28.5	42.7#
125	12.5	18.1	27.1#





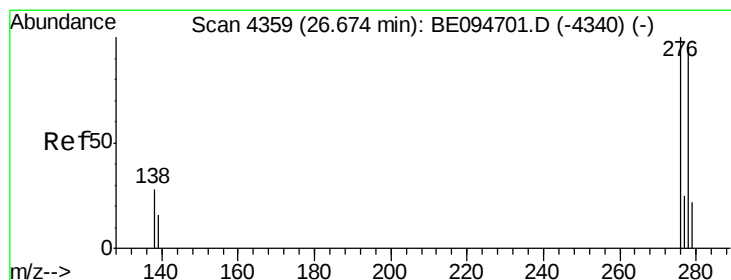
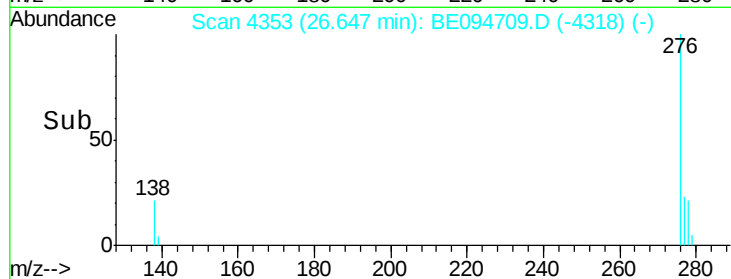
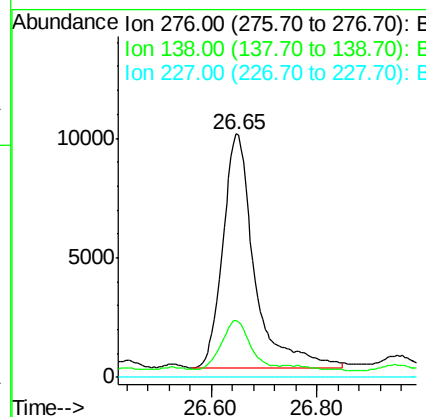
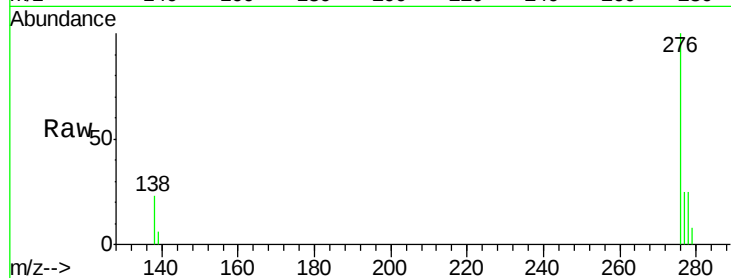
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.338 ng/u1
 RT: 26.65 min Scan# 4353
 Delta R.T. -0.04 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Instrument :
 BNA_E
 ClientSampleId :
 B-62(0-1)-101117

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.9	28.0	42.0#
227	0.0	8.0	12.0#

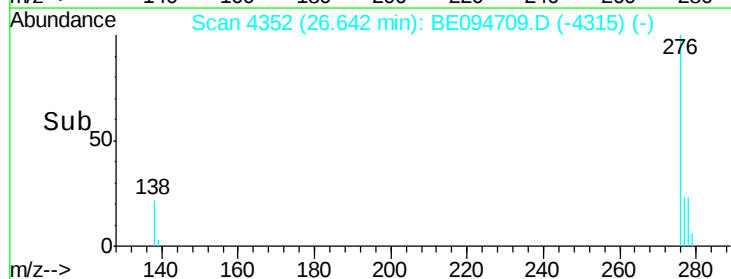
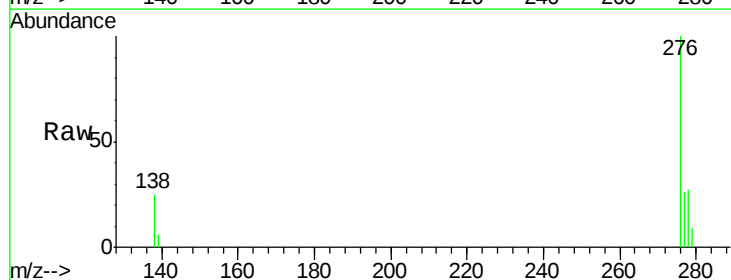
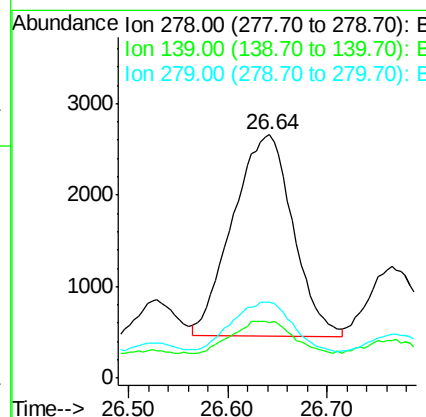
Manual Integrations
 APPROVED

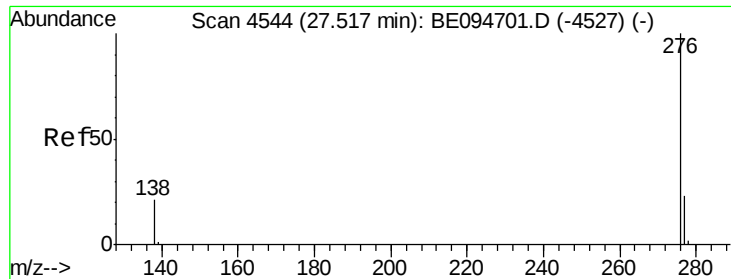
Sohil
 11/4/2017 2:15:17 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.364 ng/u1
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.03 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.5	17.4	26.0
279	31.4	25.9	38.9





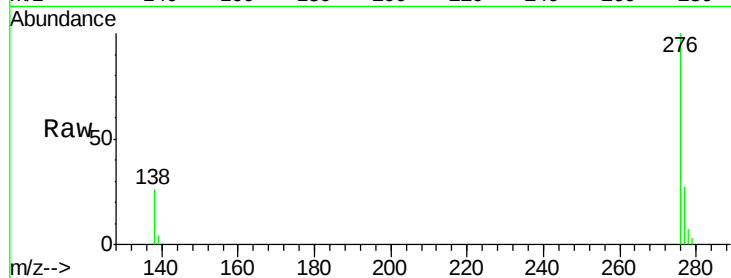
#26
 Benzo(g,h,i)perylene
 Concen: 1.394 ng/ul
 RT: 27.49 min Scan# 4537
 Delta R.T. -0.03 min
 Lab File: BE094709.D
 Acq: 3 Nov 2017 16:11

Instrument :
 BNA_E
 ClientSampleId :
 B-62(0-1)-101117

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	25.5	21.8	32.8	
277	26.7	20.5	30.7	

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:15:17 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

