

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094706.D
 Acq On : 3 Nov 2017 14:23
 Operator : SJ/JU
 Sample : I5825-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-63(1-3)-101117

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:15:10 PM

Quant Time: Nov 03 23:28:41 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	1503	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	8731	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	5036	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	10774	0.40	ng/ul	-0.04
16) Chrysene-d12	21.42	240	10288	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	10363	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	561	0.04	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	1463	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	55577	2.603	ng/ul#	91
5) 2-Methylnaphthalene	12.34	142	21211	1.420	ng/ul	98
7) Acenaphthylene	14.24	152	4178	0.183	ng/ul#	93
8) Acenaphthene	14.57	153	152526	9.318	ng/ul	97
9) Fluorene	15.56	166	204996	11.153	ng/ul#	96
12) Phenanthrene	17.29	178	2289646	80.458	ng/ul#	90
13) Anthracene	17.38	178	636929	22.680	ng/ul#	91
15) Fluoranthene	19.31	202	2956885	89.874	ng/ul	83
17) Pyrene	19.67	202	2440439	76.732	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	1172287	39.859	ng/ul#	87
19) Chrysene	21.46	228	1018179	33.493	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	1118952m	38.385	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	397784m	12.734	ng/ul	
23) Benzo(a)pyrene	23.84	252	839983	28.827	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.64	276	410117	13.602	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.63	278	94297	3.711	ng/ul	93
26) Benzo(g,h,i)perylene	27.48	276	331631	13.698	ng/ul	96

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

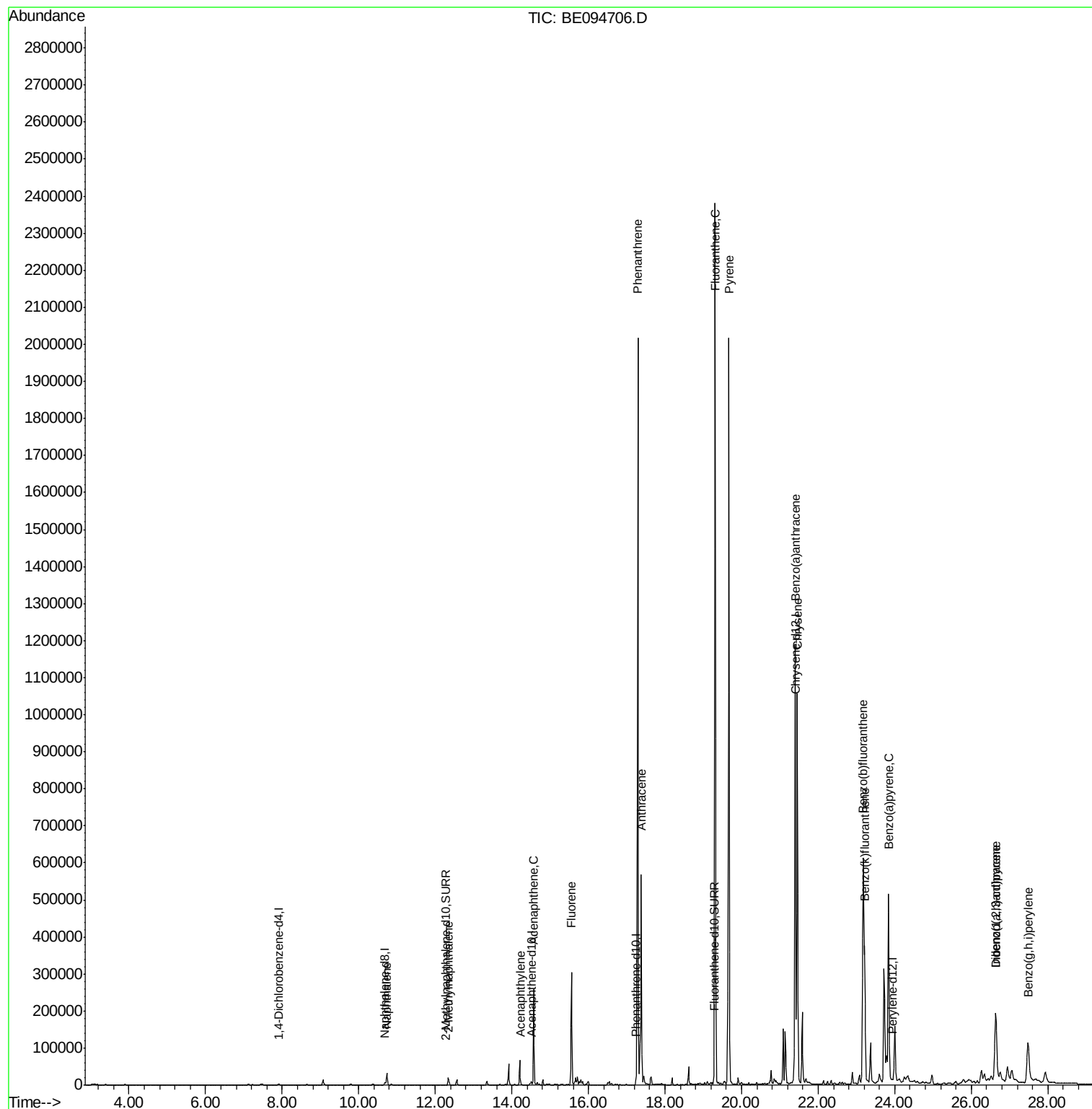
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 7 Sample Multiplier: 1

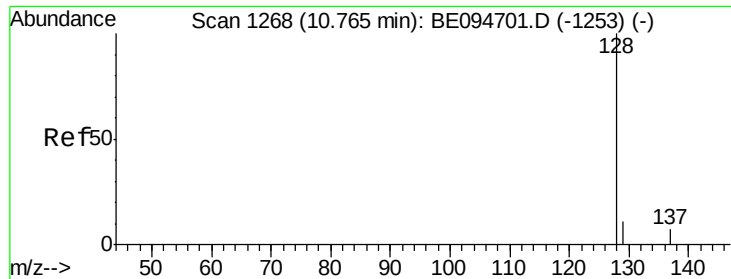
Instrument :
BNA_E
ClientSampleId :
B-63(1-3)-101117

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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: 2.603 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

ClientSampleId :

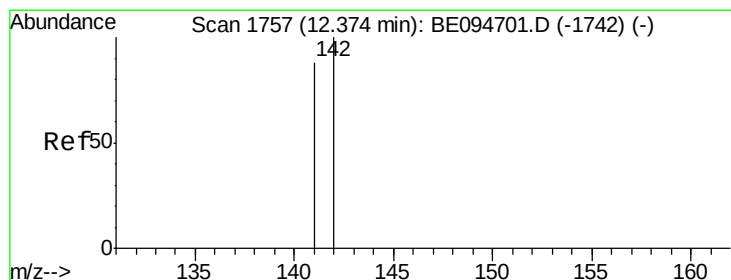
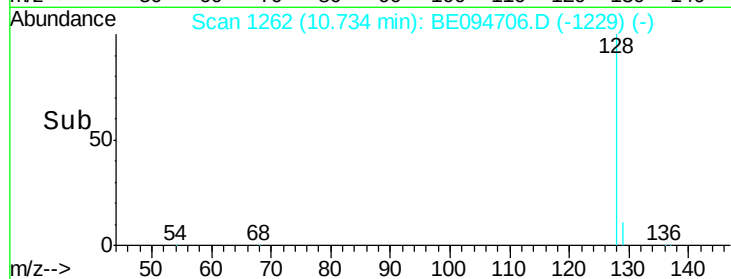
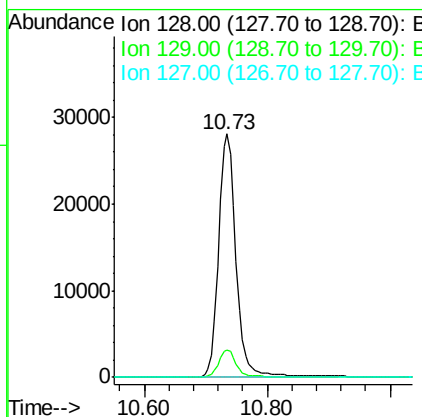
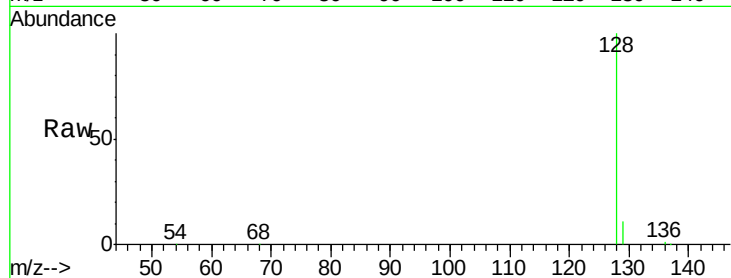
B-63(1-3)-101117

Tgt Ion:128 Resp: 55577

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.420 ng/ul

RT: 12.34 min Scan# 1747

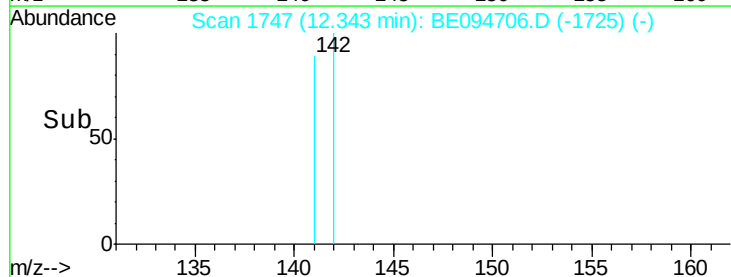
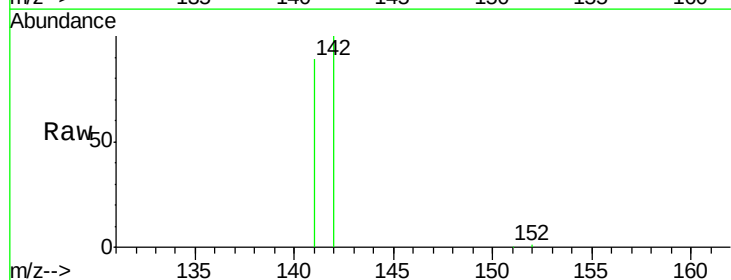
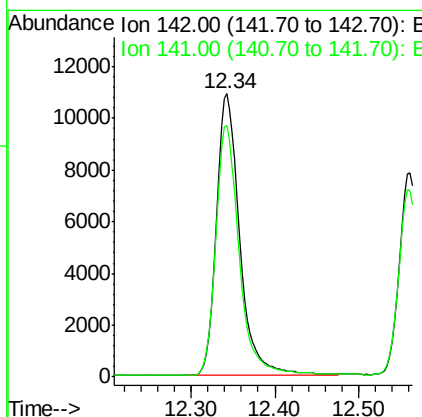
Delta R.T. -0.03 min

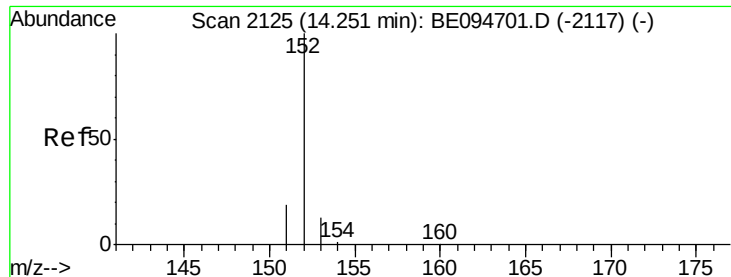
Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion:142 Resp: 21211

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.183 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

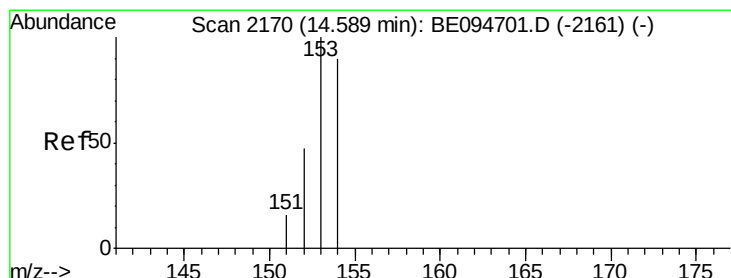
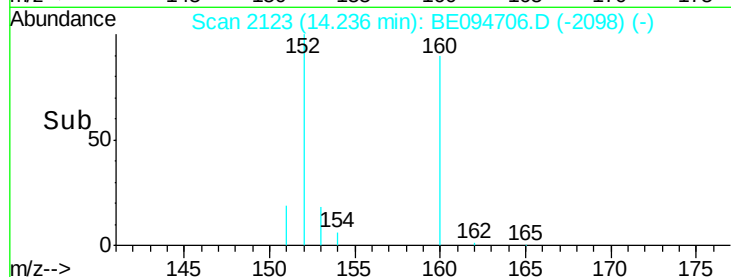
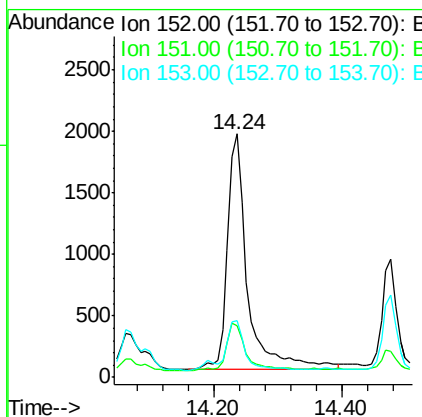
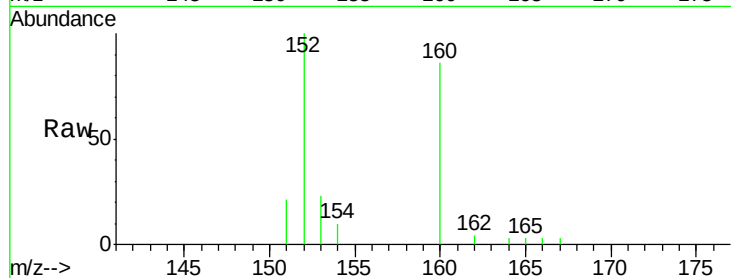
ClientSampleId :

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Tgt Ion:	152	Resp:	4178
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	23.1	12.8	19.2#

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#8

Acenaphthene

Concen: 9.318 ng/ul

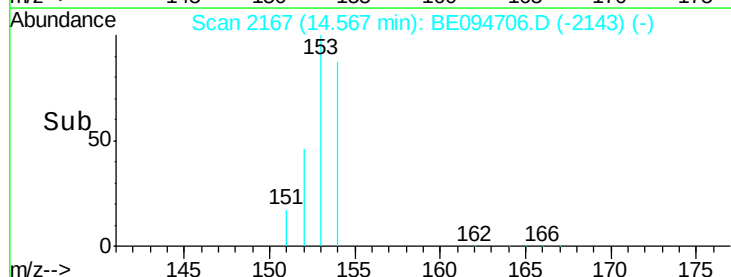
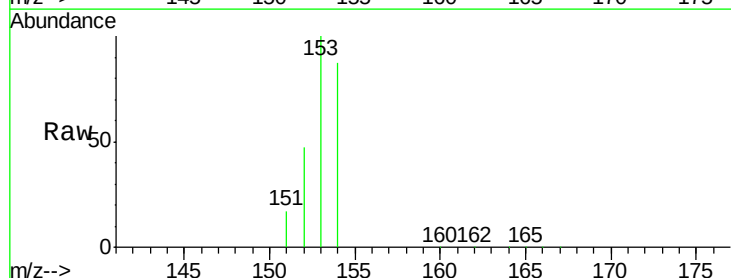
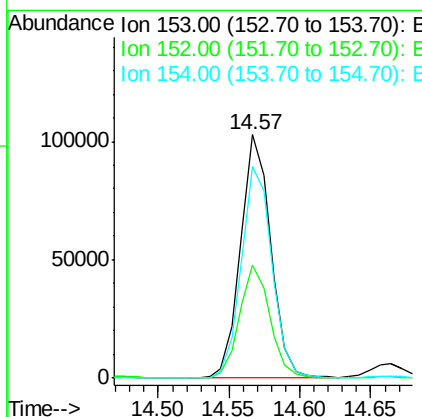
RT: 14.57 min Scan# 2167

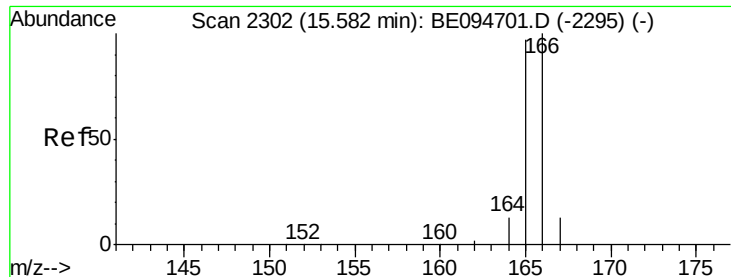
Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion:	153	Resp:	152526
Ion Ratio	Lower	Upper	
153	100		
152	46.6	36.0	54.0
154	87.0	72.0	108.0





#9

Fluorene

Concen: 11.153 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

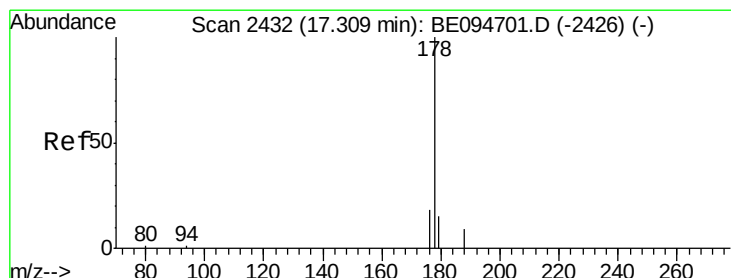
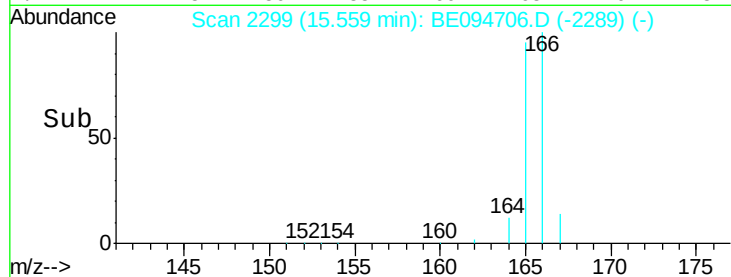
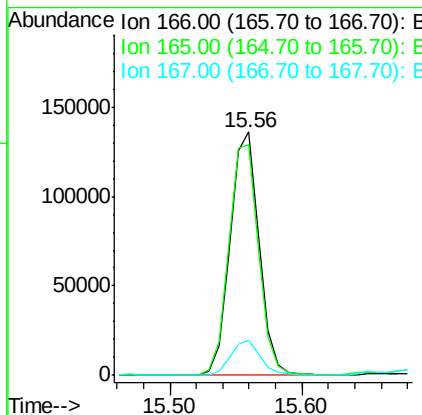
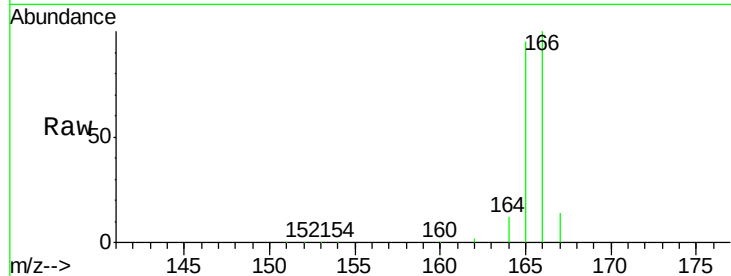
ClientSampled :

B-63(1-3)-101117

Tgt Ion:	166	Resp:	204996
Ion Ratio	Lower	Upper	
166	100		
165	94.7	73.4	110.2
167	14.3	14.6	22.0#

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#12

Phenanthrene

Concen: 80.458 ng/ul

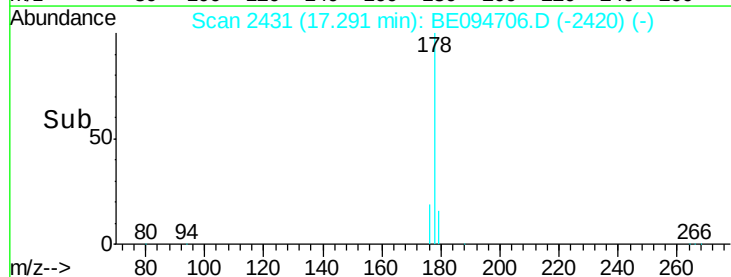
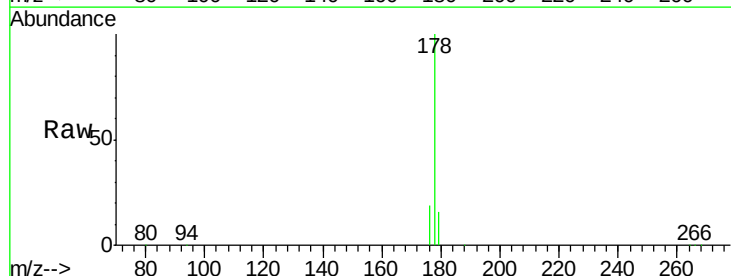
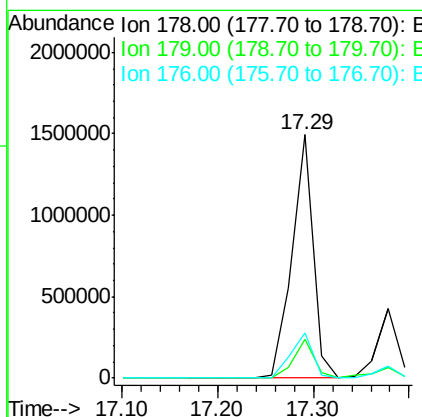
RT: 17.29 min Scan# 2431

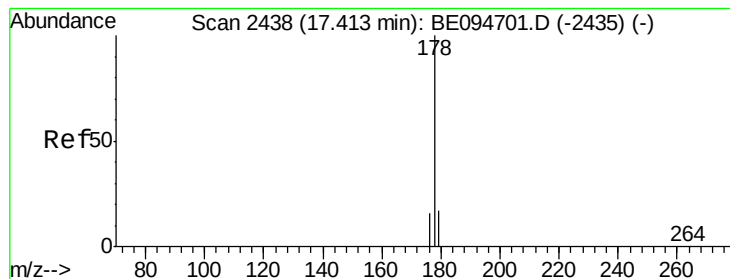
Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion:	178	Resp:	2289646
Ion Ratio	Lower	Upper	
178	100		
179	16.2	18.4	27.6#
176	18.7	13.6	20.4





#13

Anthracene

Concen: 22.680 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

ClientSampleId :

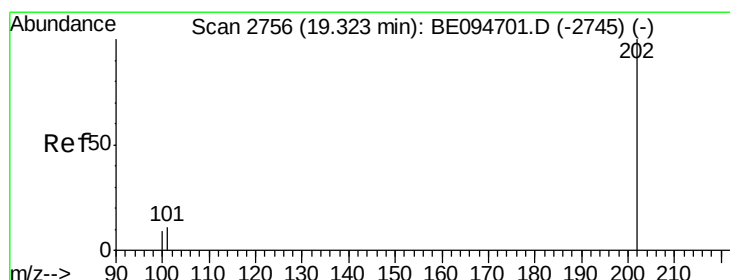
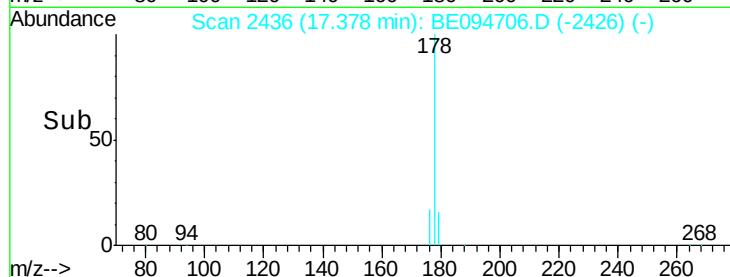
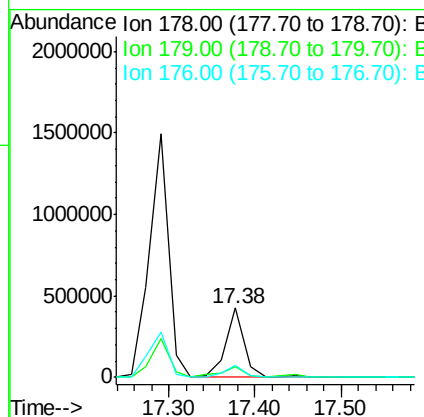
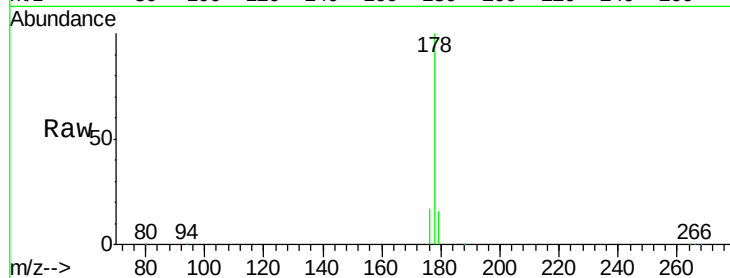
B-63(1-3)-101117

Tgt Ion:178 Resp: 636929

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	17.0	14.7	22.1

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#15

Fluoranthene

Concen: 89.874 ng/ul

RT: 19.31 min Scan# 2754

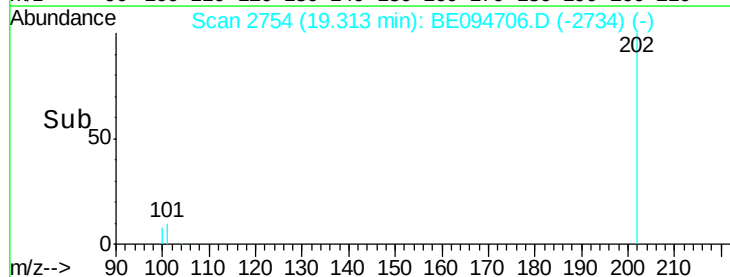
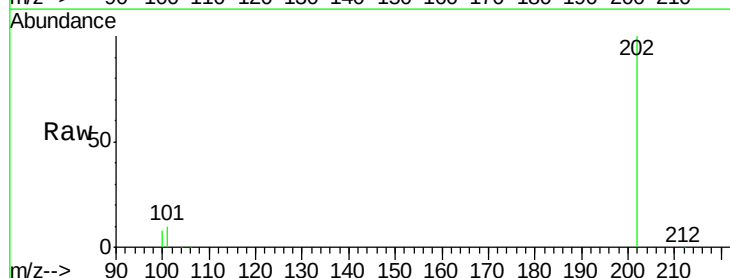
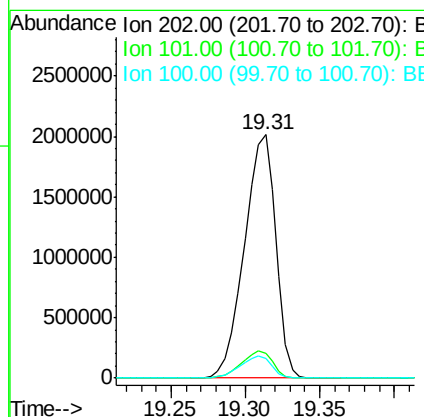
Delta R.T. -0.01 min

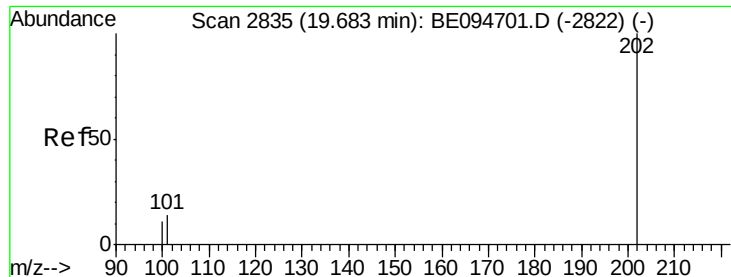
Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion:202 Resp: 2956885

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	7.9	0.0	39.5





#17

Pyrene

Concen: 76.732 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

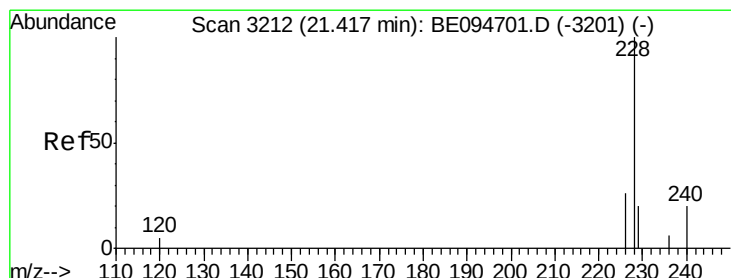
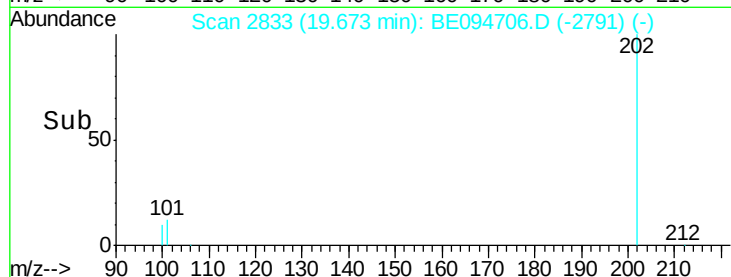
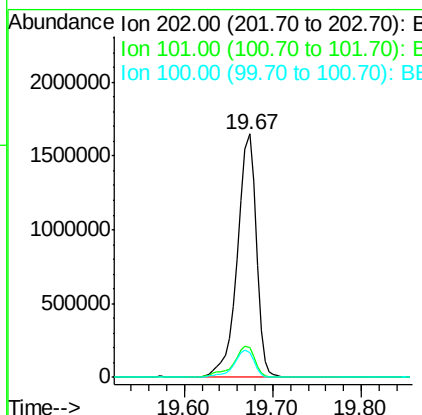
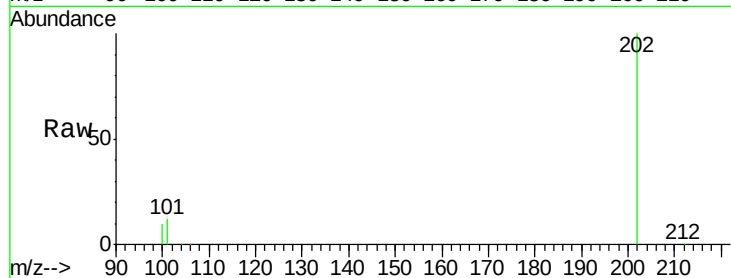
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 39.859 ng/ul

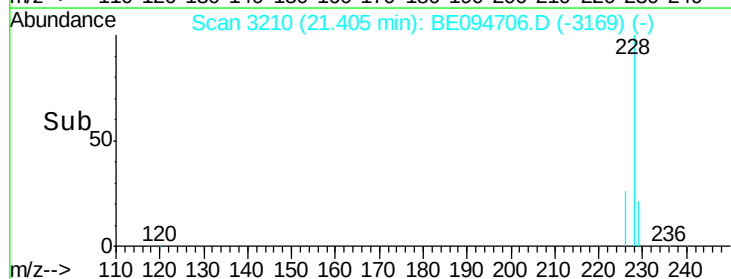
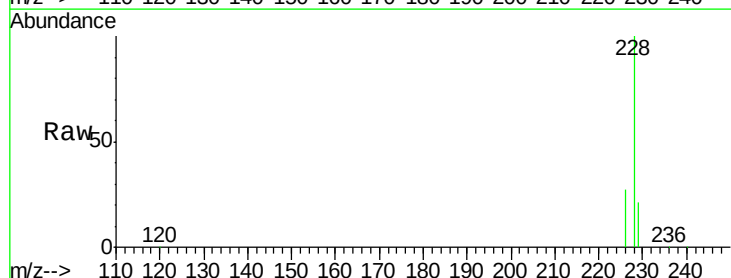
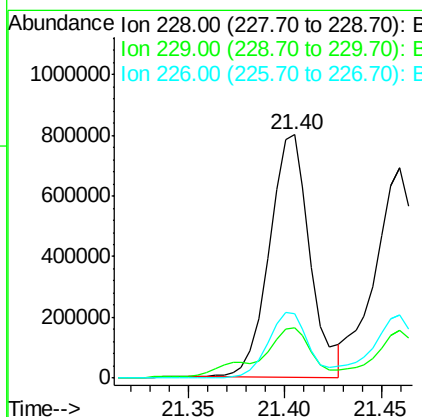
RT: 21.40 min Scan# 3210

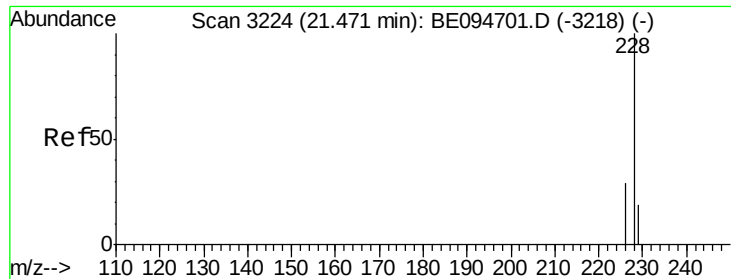
Delta R.T. -0.01 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	26.6	17.0	25.6#





#19

Chrysene

Concen: 33.493 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:228 Resp: 1018179

Ion Ratio Lower Upper

228 100

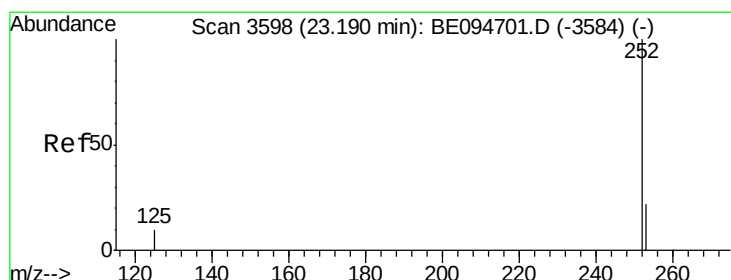
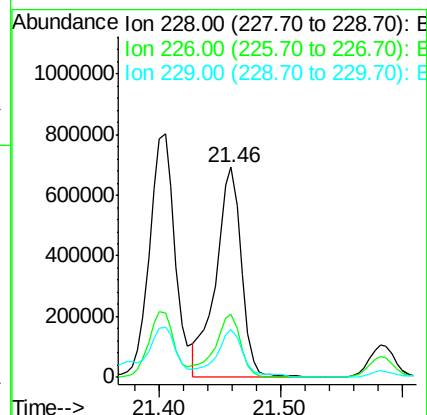
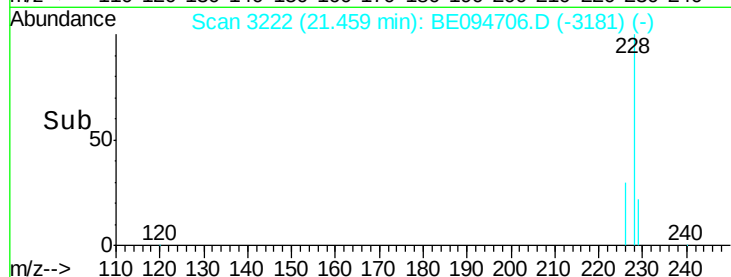
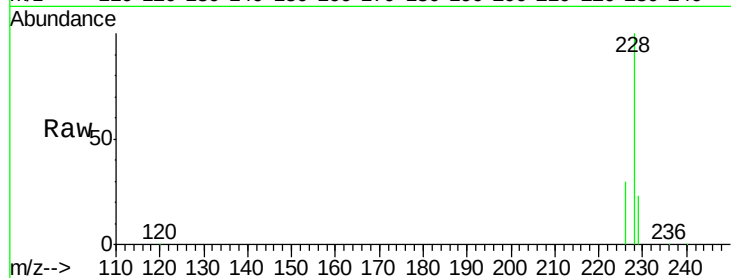
226 29.8 23.4 35.0

229 22.6 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 38.385 ng/ul m

RT: 23.18 min Scan# 3596

Delta R.T. -0.01 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

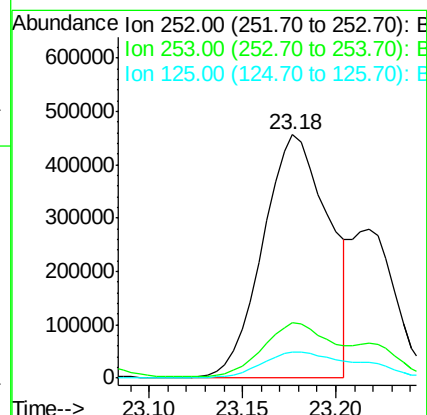
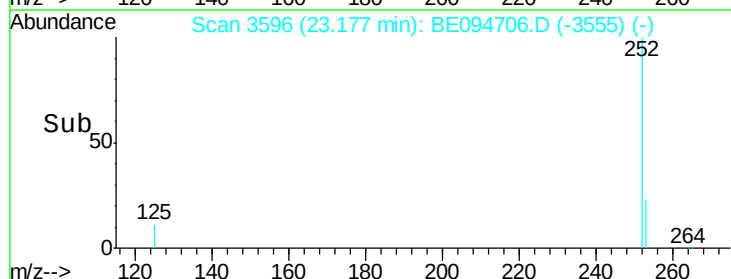
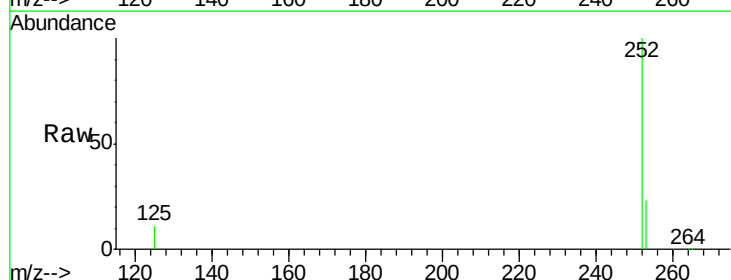
Tgt Ion:252 Resp: 1118952

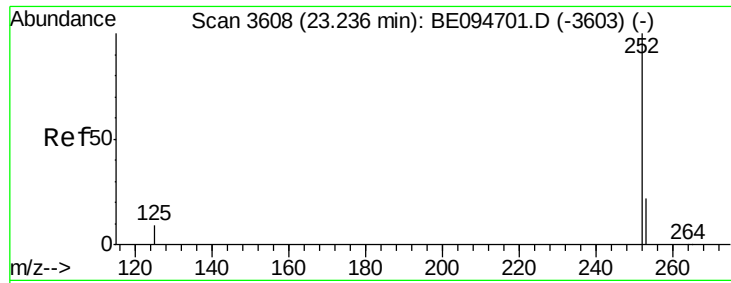
Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

125 10.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 12.734 ng/ul m

RT: 23.22 min Scan# 3605

Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

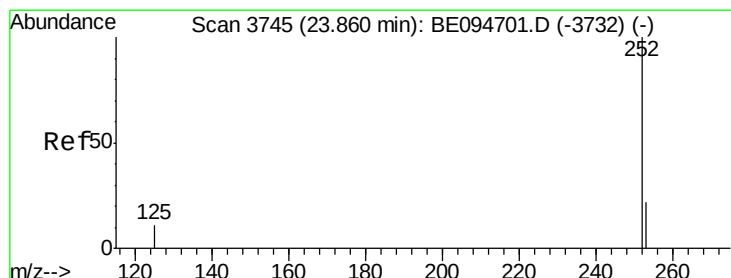
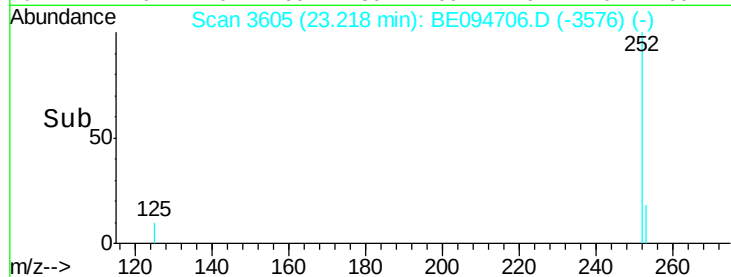
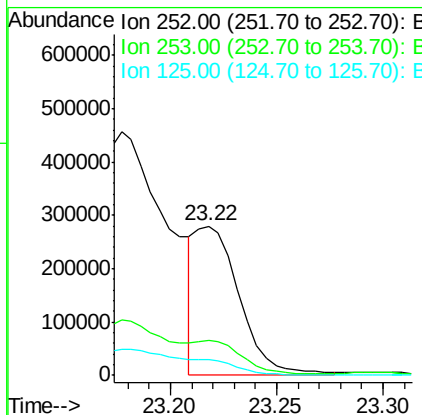
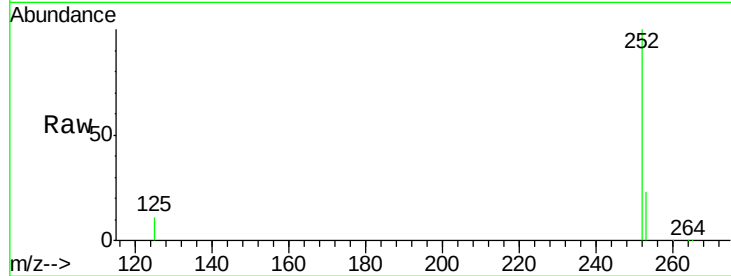
ClientSampleId :

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Tgt Ion:	252	Resp:	397784
Ion Ratio	Lower	Upper	
252	100		
253	23.4	24.5	36.7#
125	10.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 28.827 ng/ul

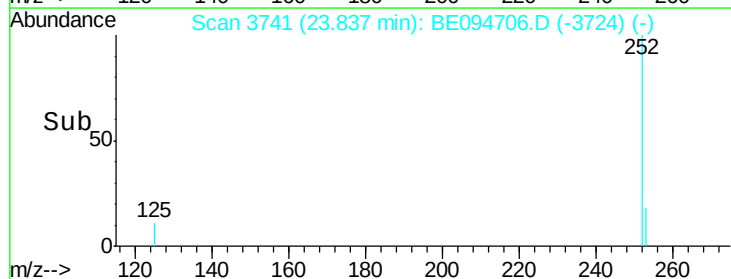
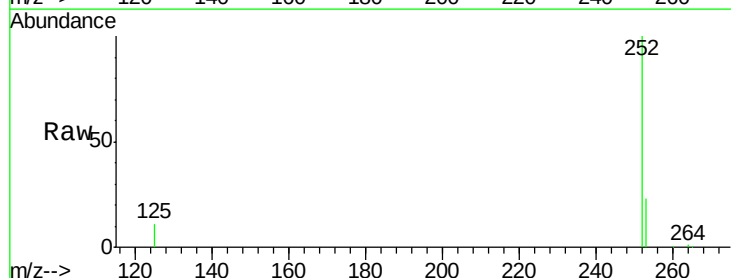
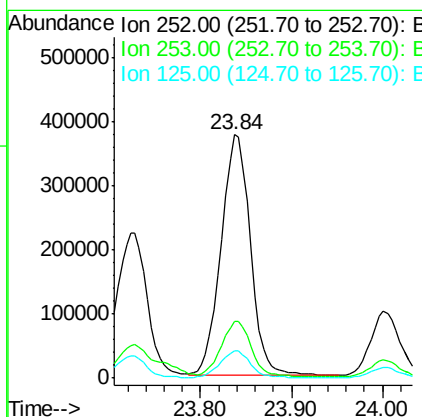
RT: 23.84 min Scan# 3741

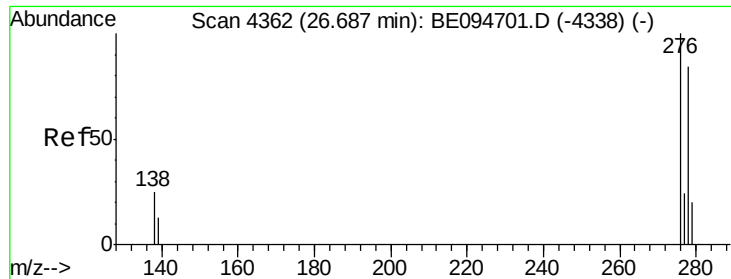
Delta R.T. -0.02 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Tgt Ion:	252	Resp:	839983
Ion Ratio	Lower	Upper	
252	100		
253	23.1	28.5	42.7#
125	11.3	18.1	27.1#





#24

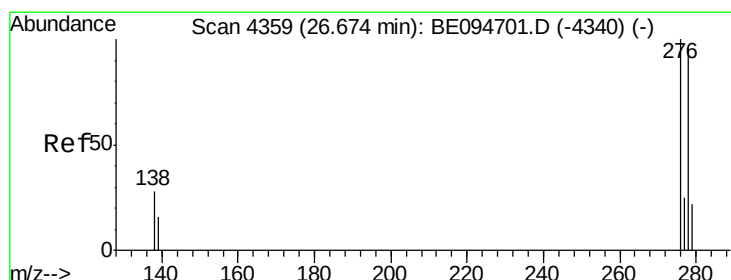
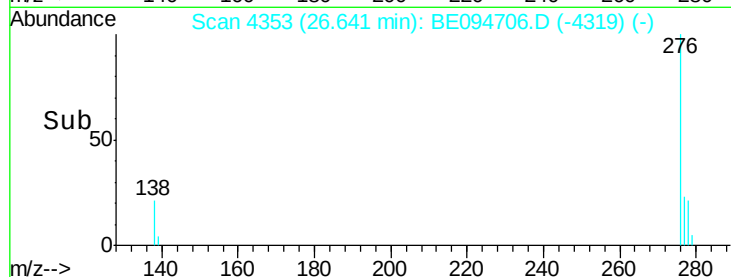
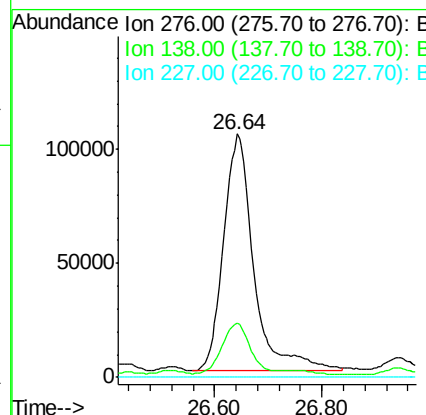
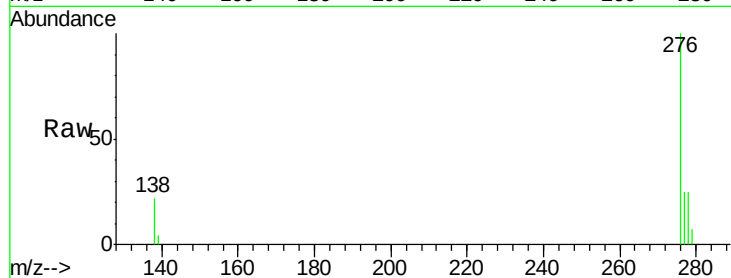
Indeno(1,2,3-cd)pyrene
Concen: 13.602 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.05 min
Lab File: BE094706.D
Acq: 3 Nov 2017 14:23

Instrument :
BNA_E
ClientSampleId :
B-63(1-3)-101117

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	410117		
138	21.7	28.0	42.0#	
227	0.0	8.0	12.0#	

Manual Integrations
APPROVED

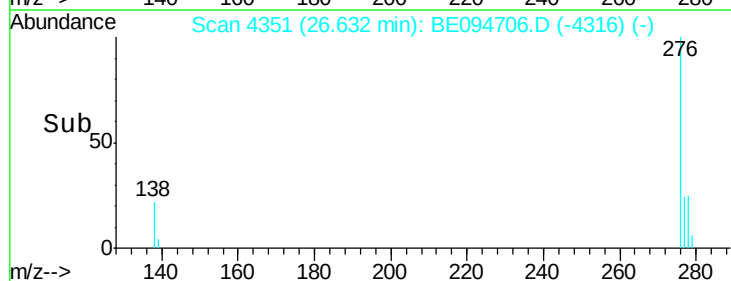
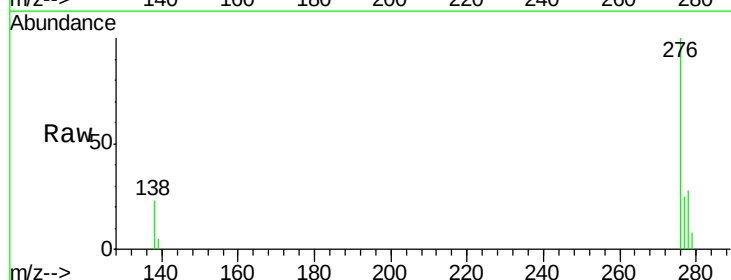
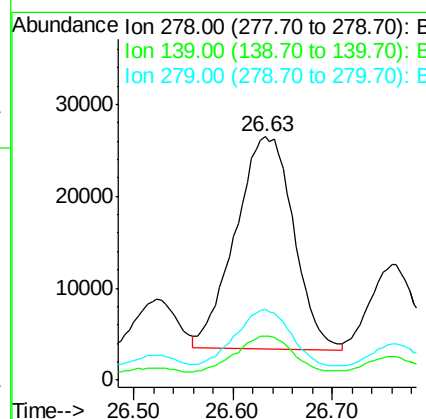
Sohil
11/4/2017 2:15:10 PM

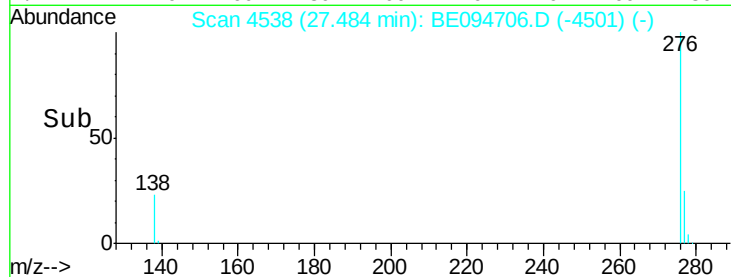
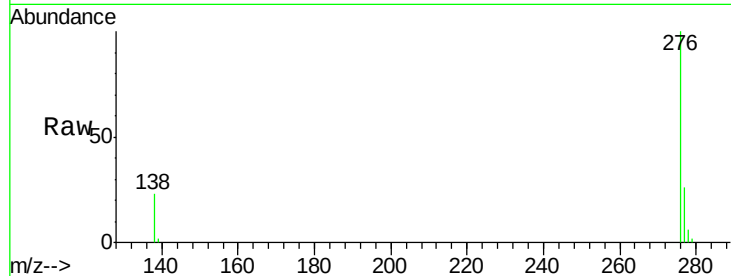
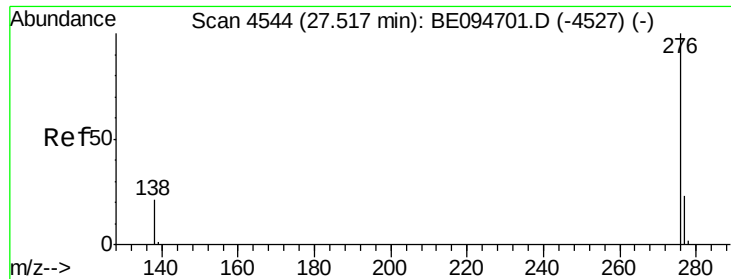


#25

Dibenzo(a,h)anthracene
Concen: 3.711 ng/ul
RT: 26.63 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BE094706.D
Acq: 3 Nov 2017 14:23

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	94297		
139	18.1	17.4	26.0	
279	28.9	25.9	38.9	





#26

Benzo(g,h,i)perylene

Concen: 13.698 ng/ul

RT: 27.48 min Scan# 4538

Delta R.T. -0.03 min

Lab File: BE094706.D

Acq: 3 Nov 2017 14:23

Instrument :

BNA_E

ClientSampleId :

B-63(1-3)-101117

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	23.3	21.8	32.8	
277	25.9	20.5	30.7	

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:10 PM

