

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094326.D
 Acq On : 13 Oct 2017 15:55
 Operator : SJ/JU
 Sample : I5568-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917

Manual Integrations
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Sohil
 10/16/2017 8:22:43 PM

Quant Time: Oct 14 02:56:50 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 02:15:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	8353	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.54	164	5075	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	11177m	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	10704	0.40	ng/ul	0.02
20) Perylene-d12	23.99	264	10050m	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	3548	0.27	ng/ul	0.01
14) Fluoranthene-d10	19.30	212	8030	0.22	ng/ul	0.02
Target Compounds						
						Qvalue
3) Naphthalene	10.76	128	10432	0.51	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	5949	0.45	ng/ul	96
7) Acenaphthylene	14.27	152	4838	0.24	ng/ul#	91
8) Acenaphthene	14.60	153	3044	0.19	ng/ul	97
9) Fluorene	15.59	166	4399	0.23	ng/ul	91
12) Phenanthrene	17.31	178	78622m	2.69	ng/ul	
13) Anthracene	17.41	178	19868	0.70	ng/ul	99
15) Fluoranthene	19.33	202	147418	3.84	ng/ul	84
17) Pyrene	19.70	202	153852	5.17	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	81539	2.87	ng/ul#	90
19) Chrysene	21.48	228	85737	2.61	ng/ul#	88
21) Benzo(b)fluoranthene	23.21	252	112979	4.14	ng/ul	83
22) Benzo(k)fluoranthene	23.25	252	35607m	1.13	ng/ul	
23) Benzo(a)pyrene	23.88	252	77409m	2.73	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	61837m	2.13	ng/ul	
25) Dibenzo(a,h)anthracene	26.70	278	21192m	0.87	ng/ul	
26) Benzo(g,h,i)perylene	27.55	276	67781m	2.71	ng/ul	

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

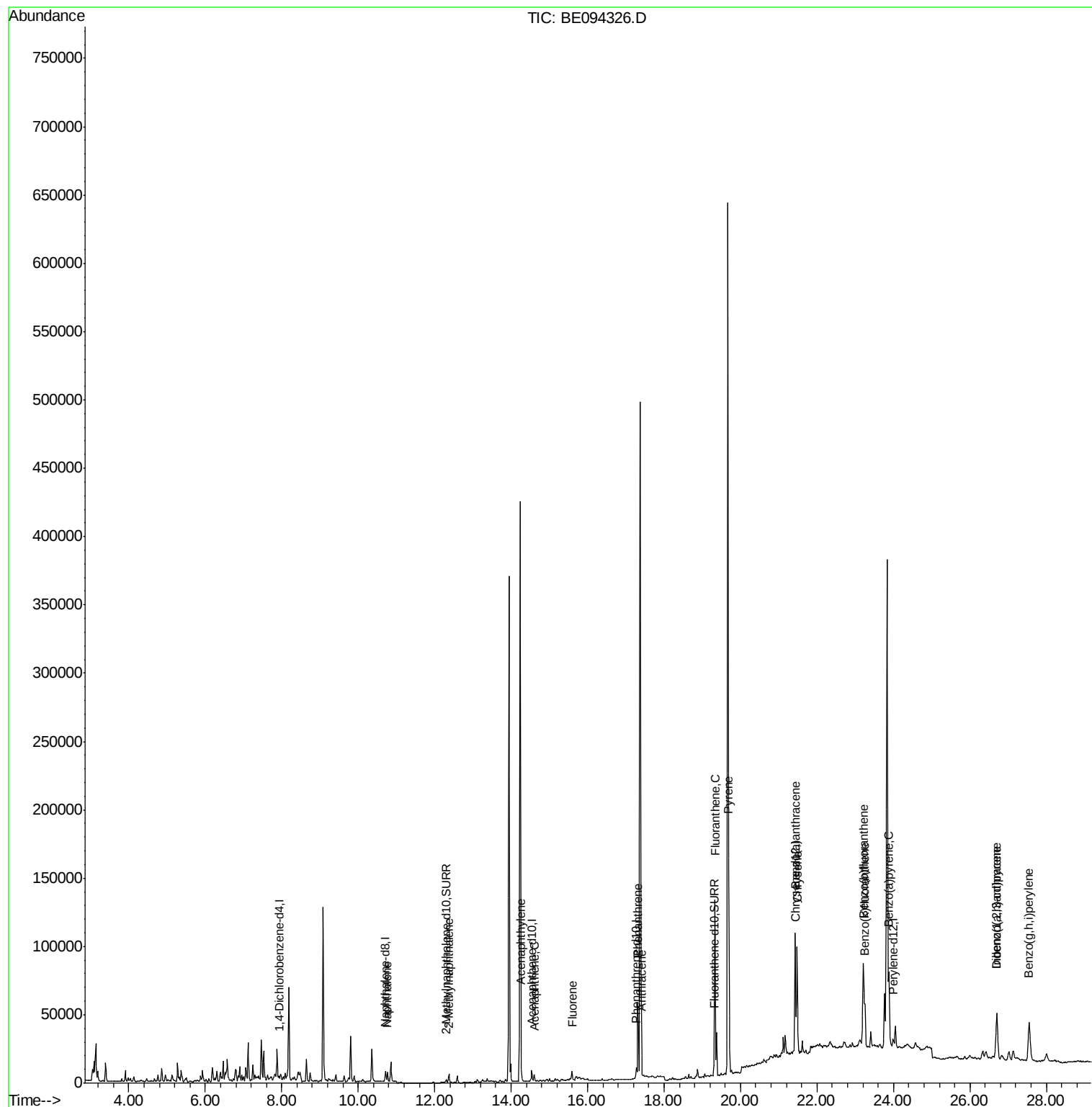
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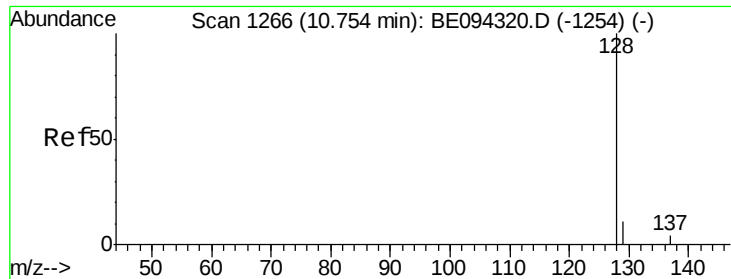
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#3

Naphthalene

Concen: 0.51 ng/ul

RT: 10.76 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

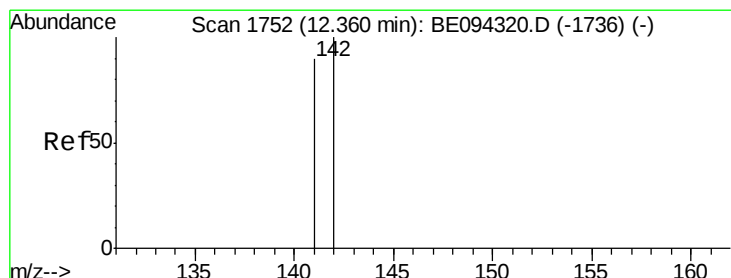
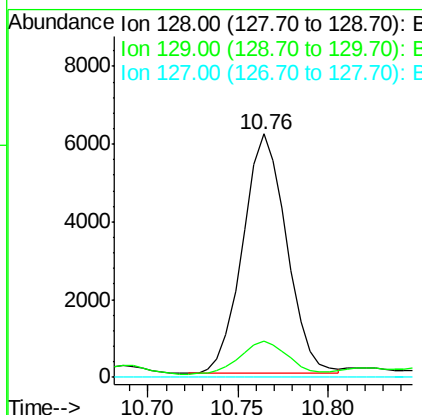
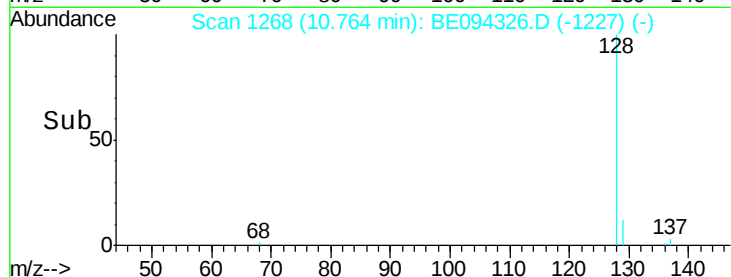
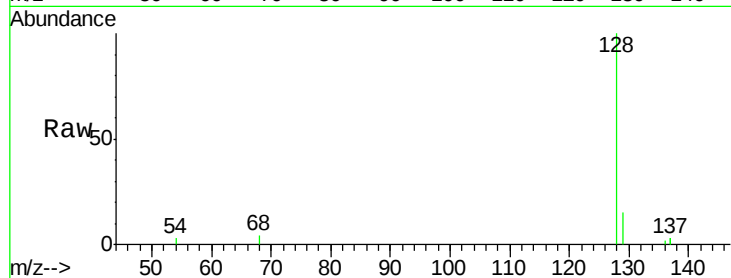
ClientSampleId :

B-75(0-1)-092917

Tgt Ion:	128	Resp:	10432
Ion Ratio	Lower	Upper	
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.45 ng/ul

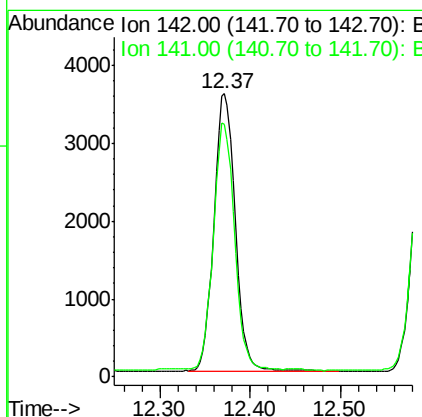
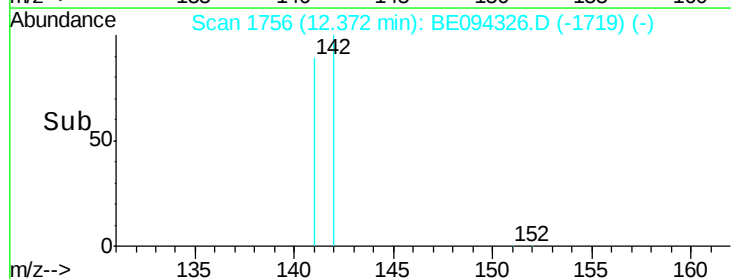
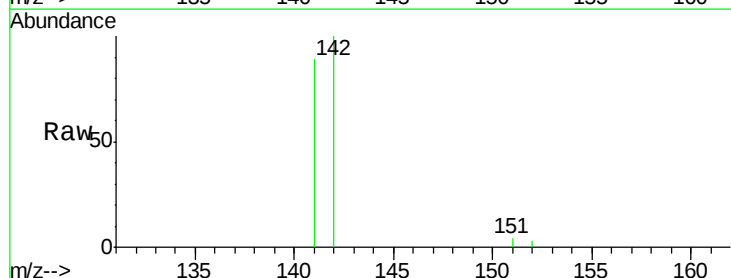
RT: 12.37 min Scan# 1756

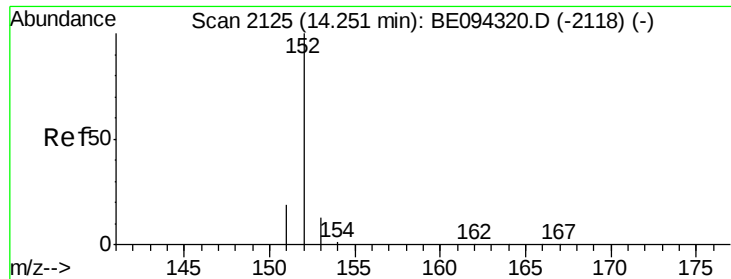
Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	142	Resp:	5949
Ion Ratio	Lower	Upper	
142	100		
141	87.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.24 ng/ul

RT: 14.27 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

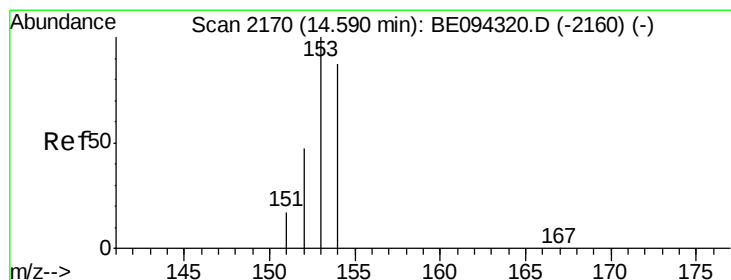
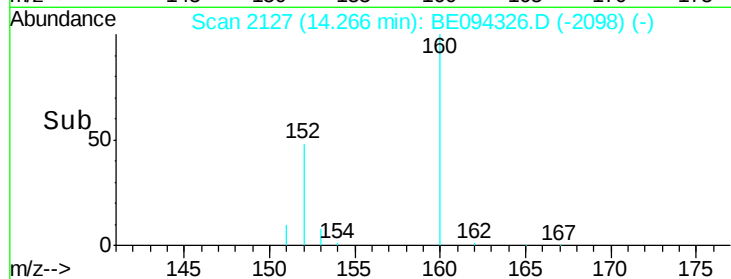
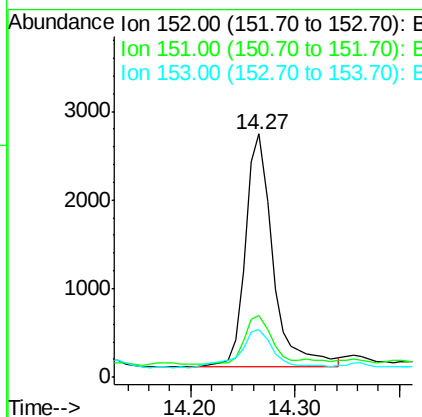
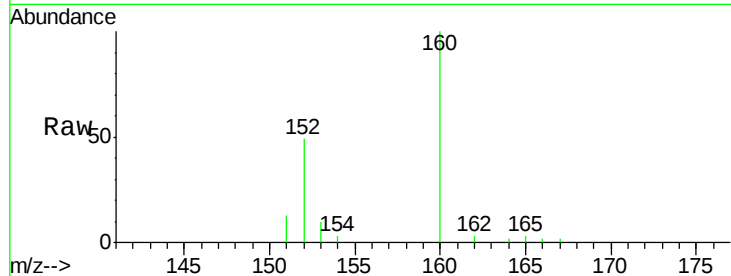
ClientSampleId :

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Tgt Ion:	152	Resp:	4838
Ion Ratio	Lower	Upper	
152	100		
151	25.7	17.1	25.7
153	19.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.19 ng/ul

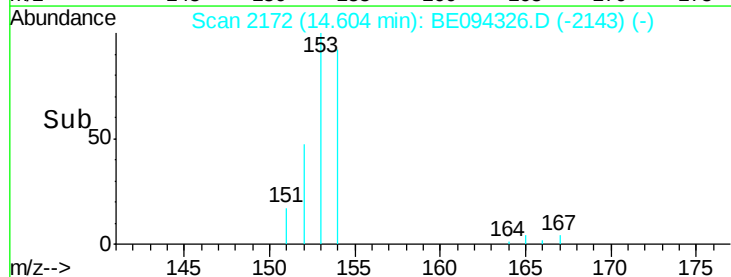
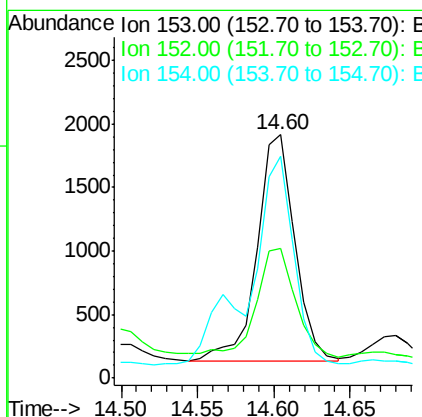
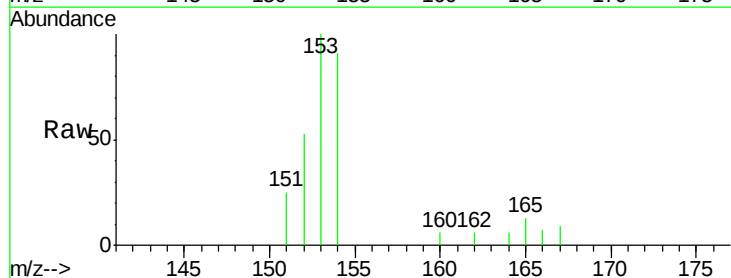
RT: 14.60 min Scan# 2172

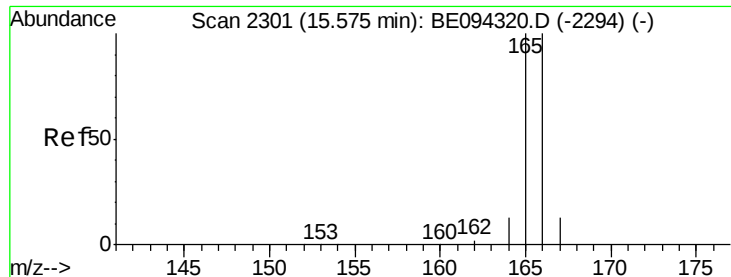
Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	153	Resp:	3044
Ion Ratio	Lower	Upper	
153	100		
152	53.4	40.3	60.5
154	90.9	71.4	107.2





#9

Fluorene

Concen: 0.23 ng/ul

RT: 15.59 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

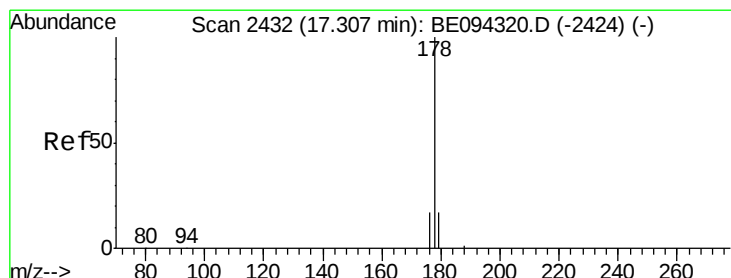
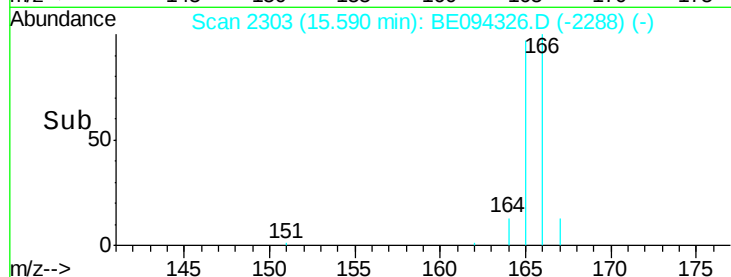
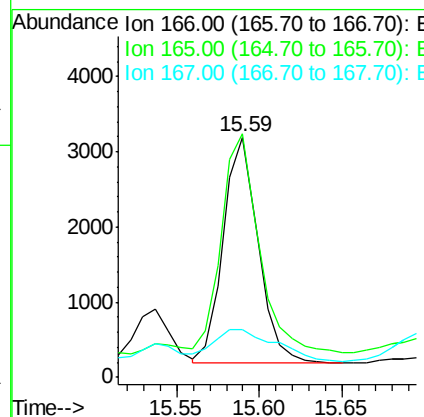
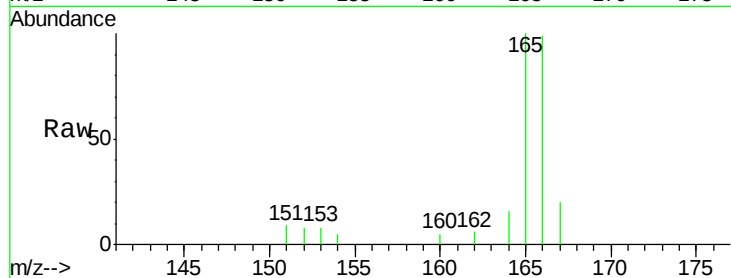
ClientSampleId :

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Tgt Ion:	166	Resp:	4399
Ion Ratio	Lower	Upper	
166	100		
165	101.5	73.4	110.2
167	19.9	14.6	22.0

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#12

Phenanthrene

Concen: 2.69 ng/ul m

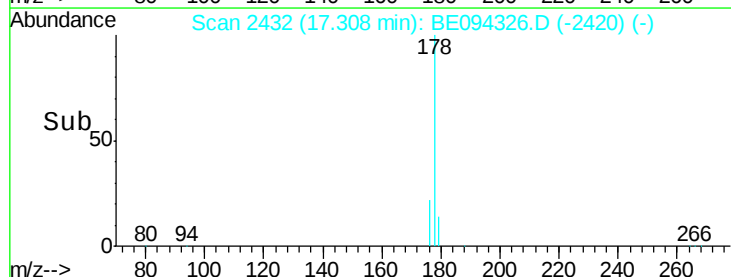
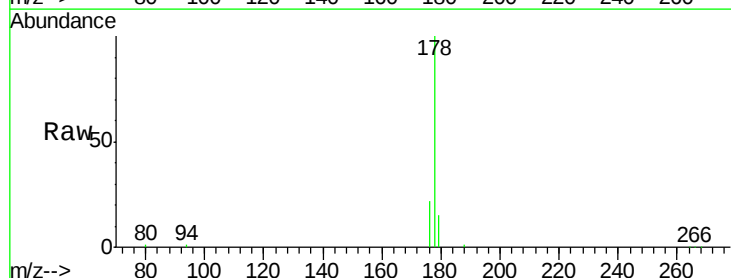
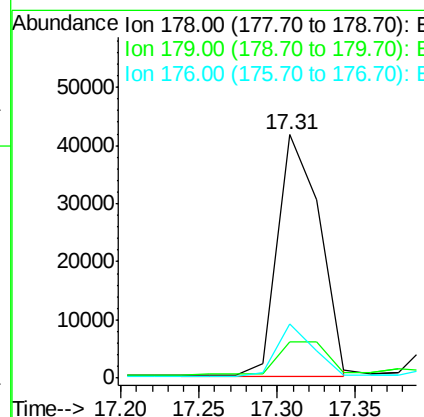
RT: 17.31 min Scan# 2432

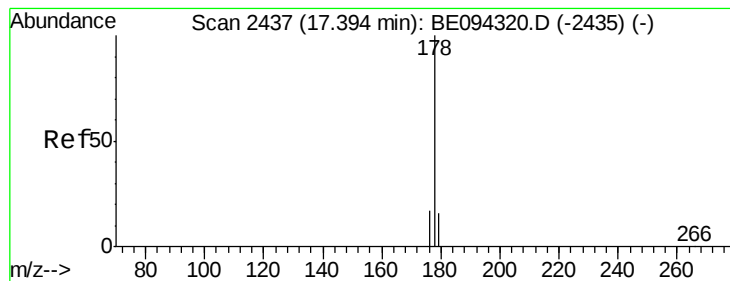
Delta R.T. 0.00 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	178	Resp:	78622
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	22.2	13.6	20.4#





#13

Anthracene

Concen: 0.70 ng/ul

RT: 17.41 min Scan# 2438

Delta R.T. 0.02 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

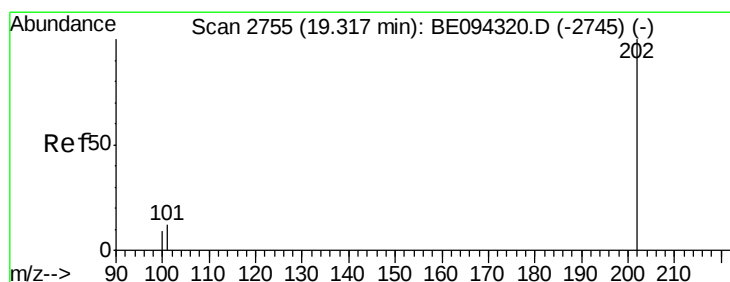
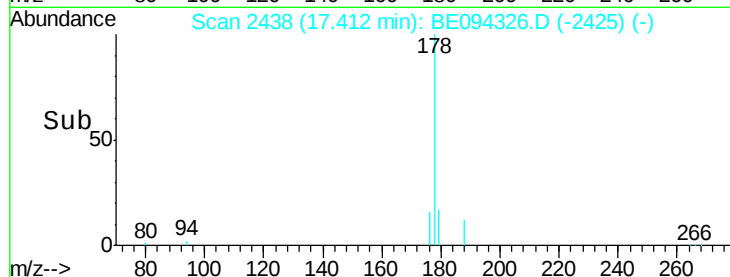
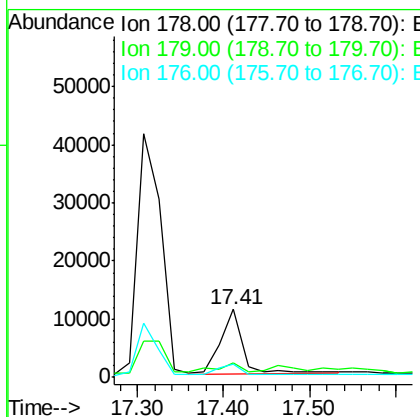
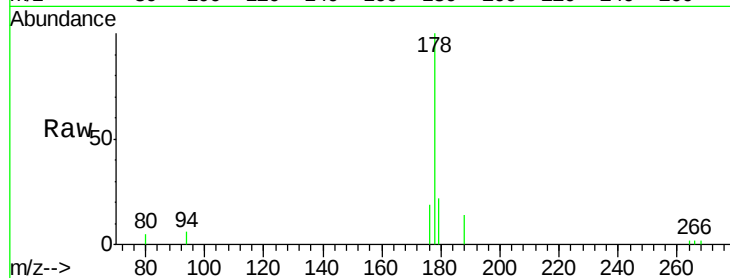
ClientSampleId :

B-75(0-1)-092917

Tgt Ion:	178	Resp:	19868
Ion Ratio	Lower	Upper	
178	100		
179	21.6	18.1	27.1
176	18.8	14.7	22.1

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#15

Fluoranthene

Concen: 3.84 ng/ul

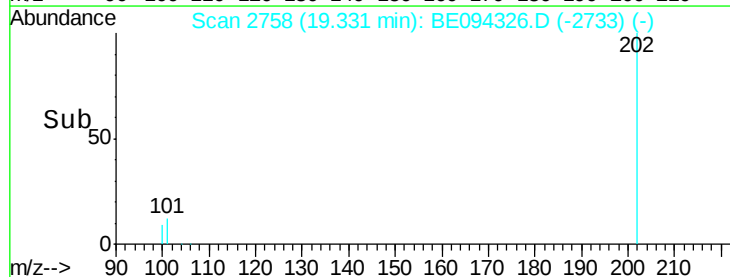
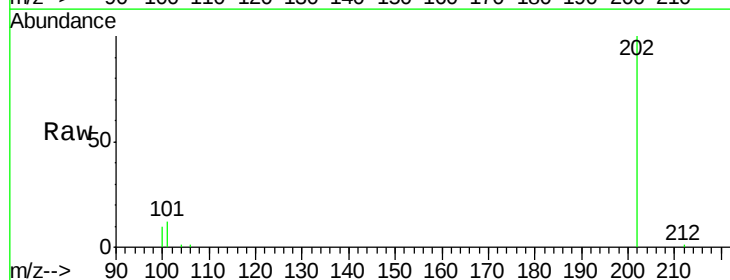
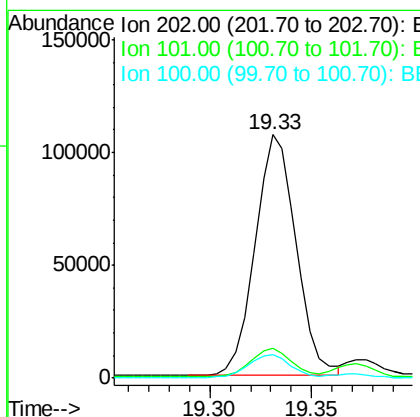
RT: 19.33 min Scan# 2758

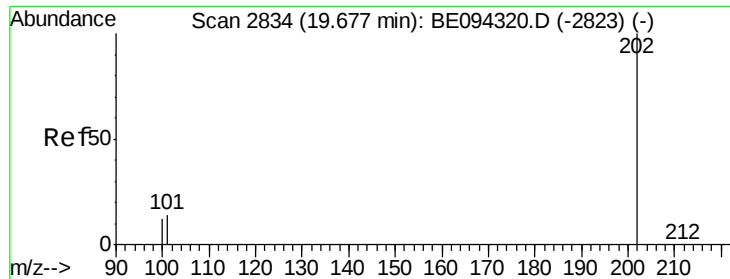
Delta R.T. 0.01 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	202	Resp:	147418
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	30.3
100	9.6	0.0	39.5





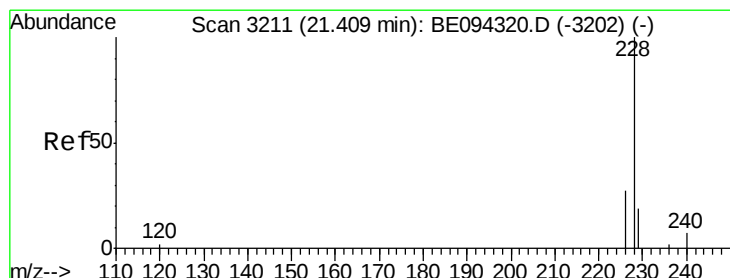
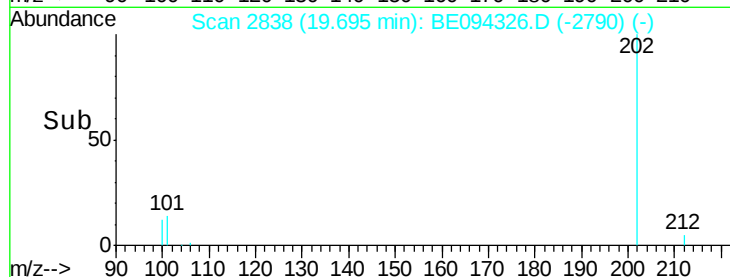
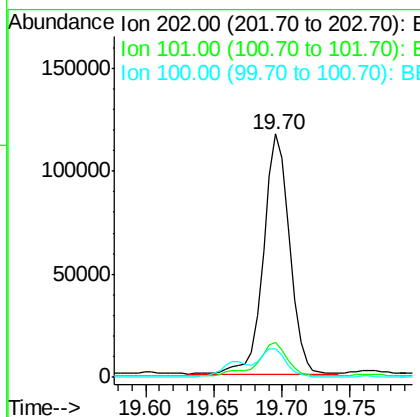
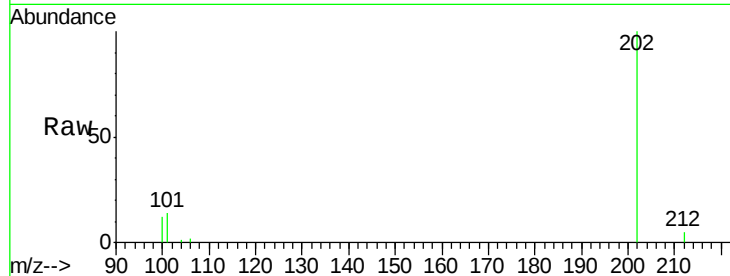
#17
Pyrene
 Concen: 5.17 ng/ul
 RT: 19.70 min Scan# 2838
 Delta R.T. 0.02 min
 Lab File: BE094326.D
 Acq: 13 Oct 2017 15:55

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.2	18.2	27.4#
100	11.9	15.6	23.4#

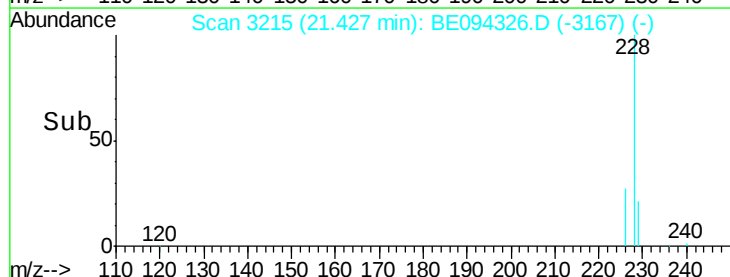
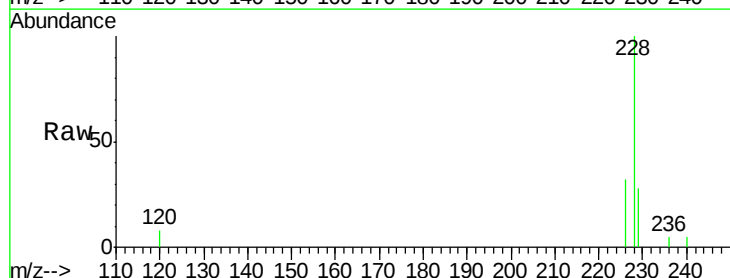
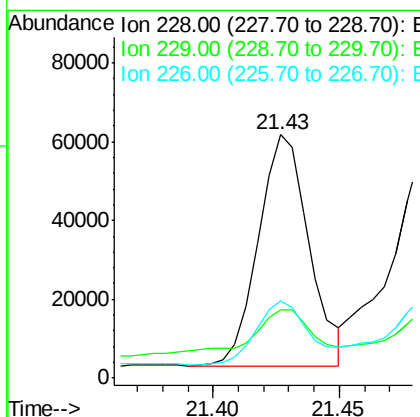
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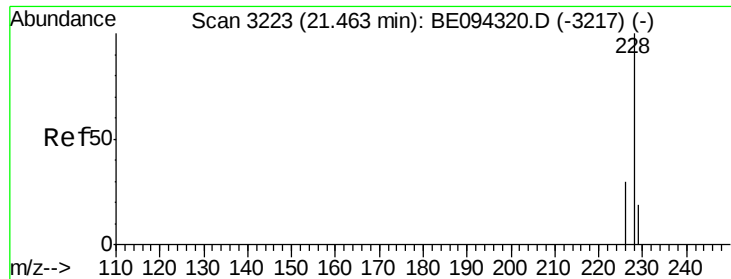
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#18
Benzo(a)anthracene
 Concen: 2.87 ng/ul
 RT: 21.43 min Scan# 3215
 Delta R.T. 0.02 min
 Lab File: BE094326.D
 Acq: 13 Oct 2017 15:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	28.2	22.8	34.2
226	31.7	17.0	25.6#





#19

Chrysene

Concen: 2.61 ng/ul

RT: 21.48 min Scan# 3227

Delta R.T. 0.02 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

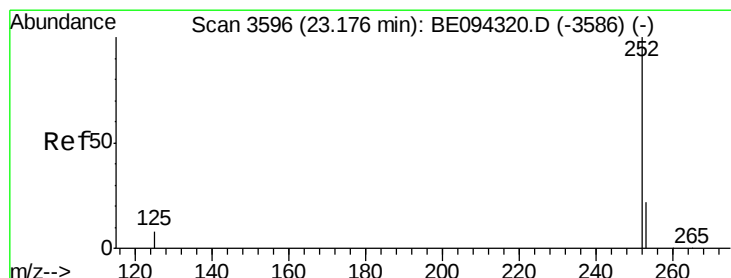
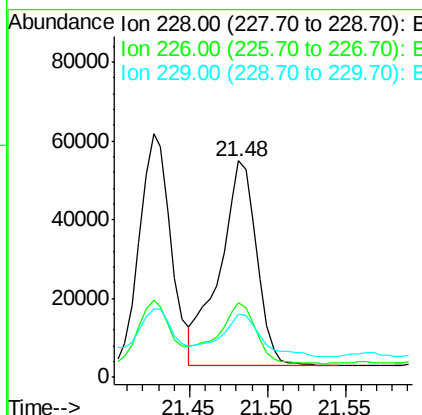
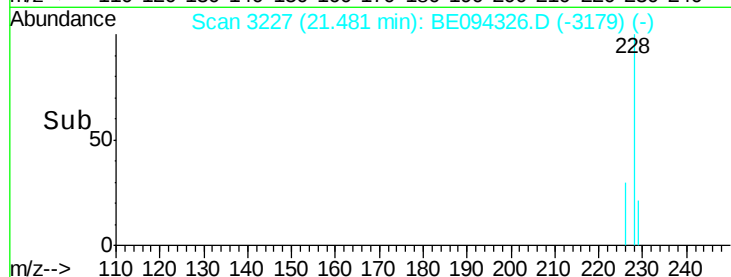
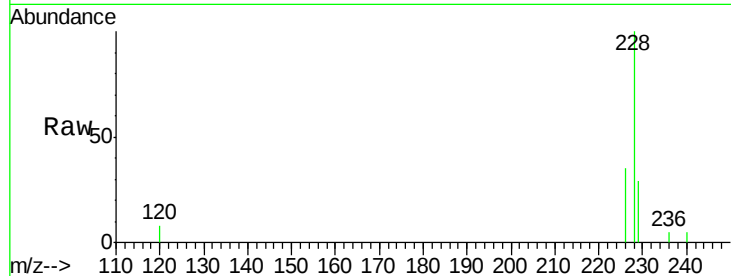
ClientSampleId :

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Tgt Ion:	228	Resp:	85737
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	29.1	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 4.14 ng/ul

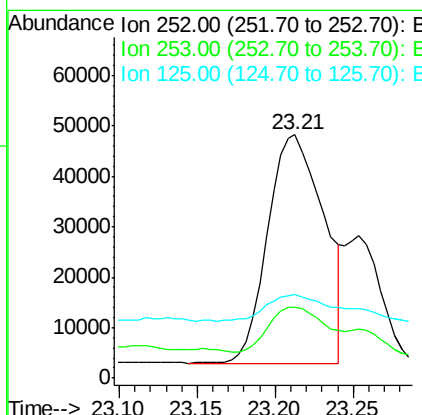
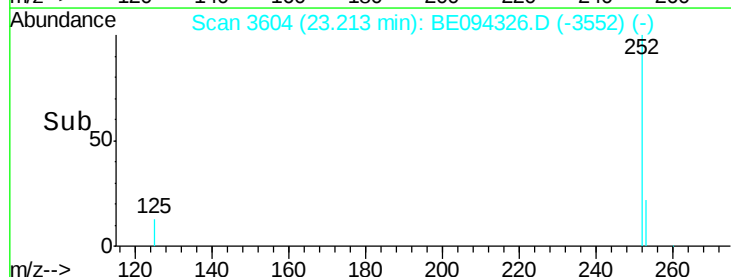
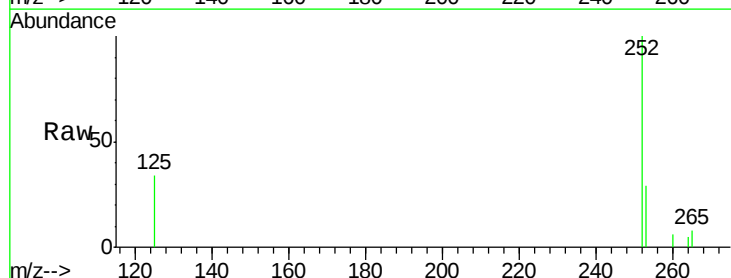
RT: 23.21 min Scan# 3604

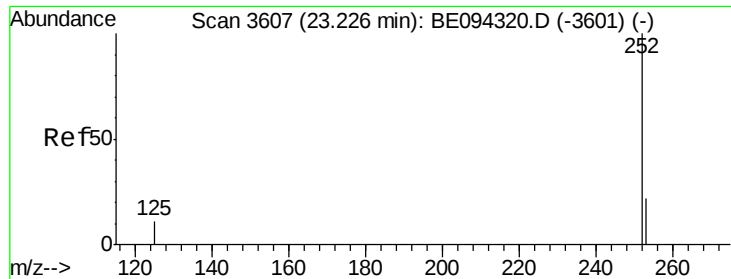
Delta R.T. 0.04 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	252	Resp:	112979
Ion Ratio	Lower	Upper	
252	100		
253	29.3	0.0	64.2
125	34.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.13 ng/ul m

RT: 23.25 min Scan# 3613

Delta R.T. 0.03 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

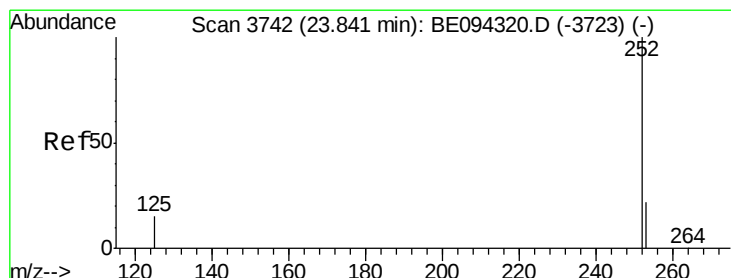
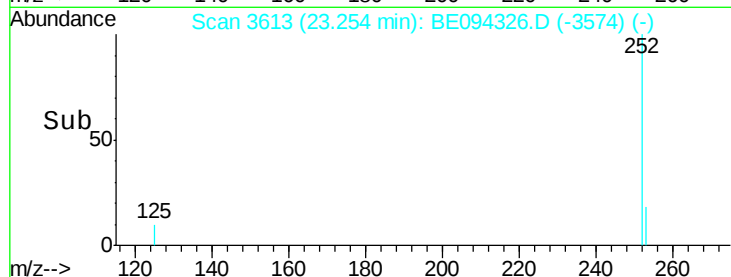
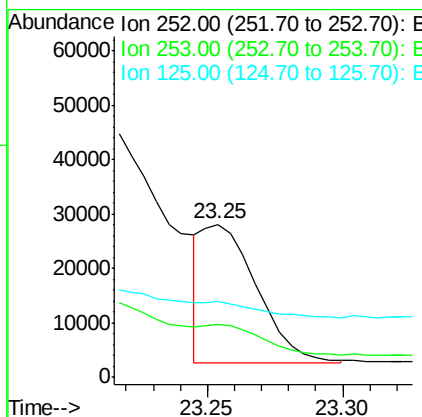
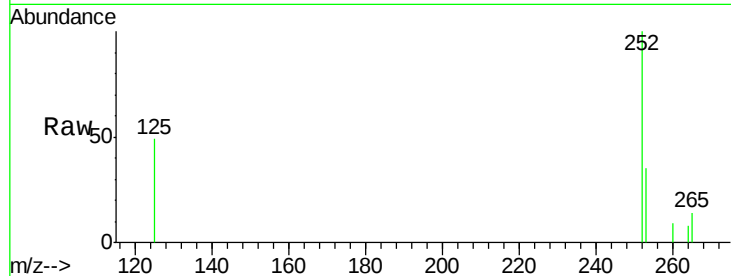
ClientSampleId :

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Tgt Ion:	252	Resp:	35607
Ion Ratio	Lower	Upper	
252	100		
253	34.9	24.5	36.7
125	49.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.73 ng/ul m

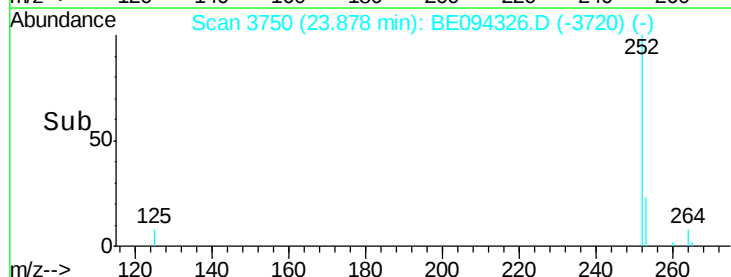
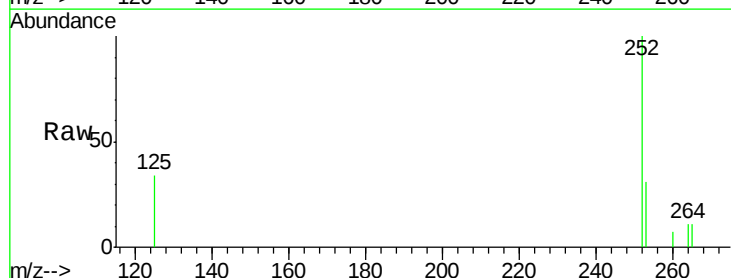
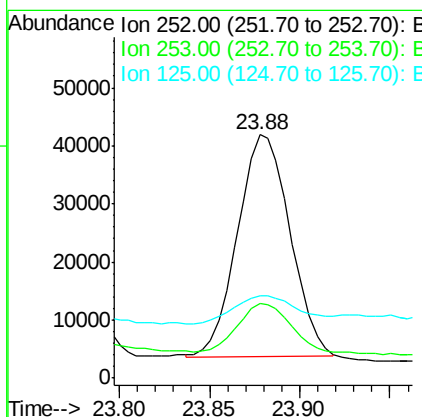
RT: 23.88 min Scan# 3750

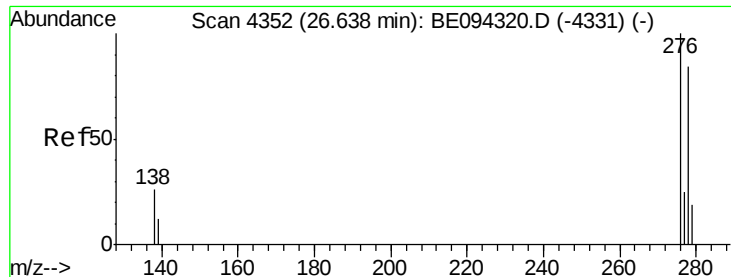
Delta R.T. 0.04 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Tgt Ion:	252	Resp:	77409
Ion Ratio	Lower	Upper	
252	100		
253	30.7	28.5	42.7
125	33.9	18.1	27.1#





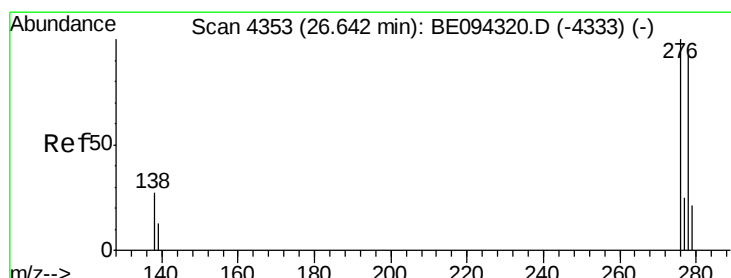
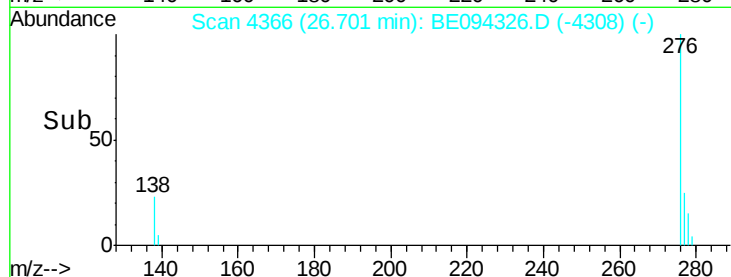
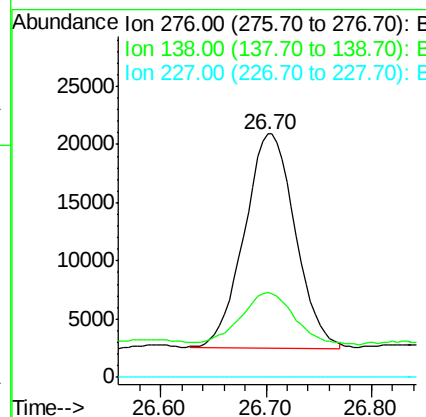
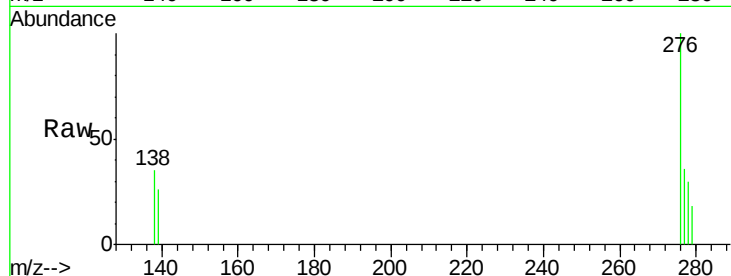
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.13 ng/ul m
 RT: 26.70 min Scan# 4366
 Delta R.T. 0.06 min
 Lab File: BE094326.D
 Acq: 13 Oct 2017 15:55

Instrument :
 BNA_E
 ClientSampleId :
 B-75(0-1)-092917

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.6	28.0	42.0#
227	0.0	8.0	12.0#

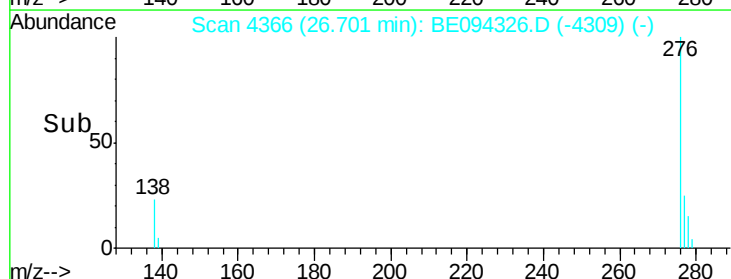
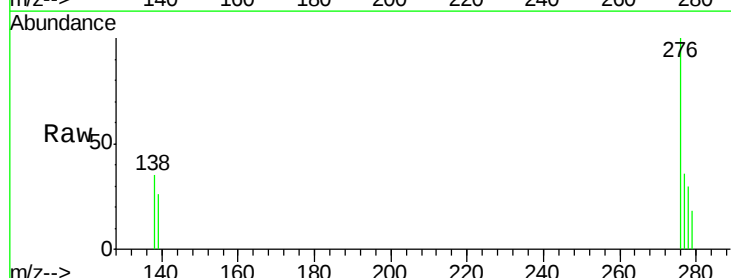
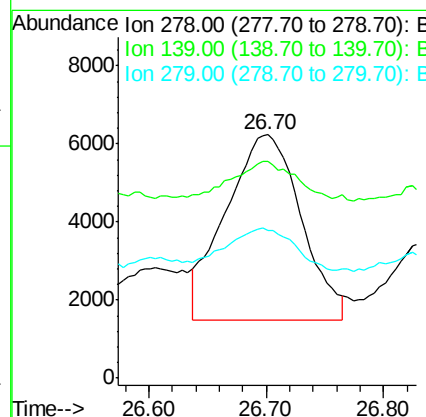
Manual Integrations
 APPROVED

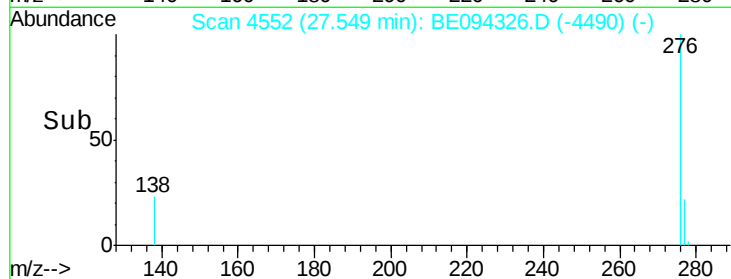
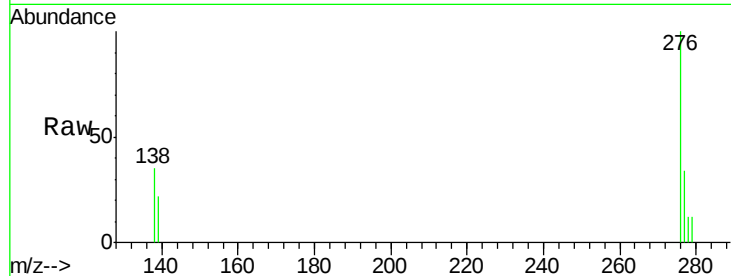
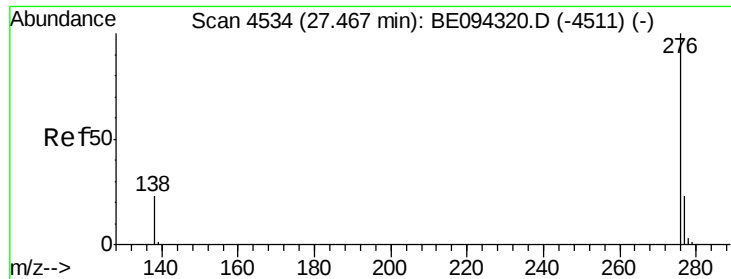
Sohil
 10/16/2017 8:22:43 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.87 ng/ul m
 RT: 26.70 min Scan# 4366
 Delta R.T. 0.06 min
 Lab File: BE094326.D
 Acq: 13 Oct 2017 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	88.8	17.4	26.0#
279	60.8	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 2.71 ng/ul m

RT: 27.55 min Scan# 4552

Delta R.T. 0.08 min

Lab File: BE094326.D

Acq: 13 Oct 2017 15:55

Instrument :

BNA_E

ClientSampleId :

B-75(0-1)-092917

Tgt Ion: 276 Resp: 67781

Ion Ratio Lower Upper

276 100

138 34.6 21.8 32.8#

277 34.3 20.5 30.7#

Manual Integrations
APPROVED

Sohil
10/16/2017 8:22:43 PM

