

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094759.D
 Acq On : 6 Nov 2017 18:39
 Operator : SJ/JU
 Sample : I6096-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-76(0-1)-102317

Manual Integrations
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 11/7/2017 5:41:49 PM

Quant Time: Nov 07 01:17:33 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 00:12:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1276	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	7512	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4289	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9190	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9145	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	375	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1033	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	5826	0.317	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2584	0.201	ng/ul	97
7) Acenaphthylene	14.24	152	3880	0.200	ng/ul	97
8) Acenaphthene	14.57	153	8418	0.604	ng/ul	96
9) Fluorene	15.57	166	8407	0.537	ng/ul	95
12) Phenanthrene	17.29	178	278286	11.465	ng/ul#	91
13) Anthracene	17.38	178	51462	2.148	ng/ul#	91
15) Fluoranthene	19.31	202	480491	17.122	ng/ul	83
17) Pyrene	19.67	202	499661	17.674	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	279254	10.682	ng/ul#	88
19) Chrysene	21.46	228	303643	11.237	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	297384m	11.157	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	101889m	3.567	ng/ul	
23) Benzo(a)pyrene	23.85	252	216820	8.137	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.67	276	111218	4.034	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	29102	1.253	ng/ul	99
26) Benzo(g,h,i)perylene	27.52	276	83592	3.776	ng/ul	95

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

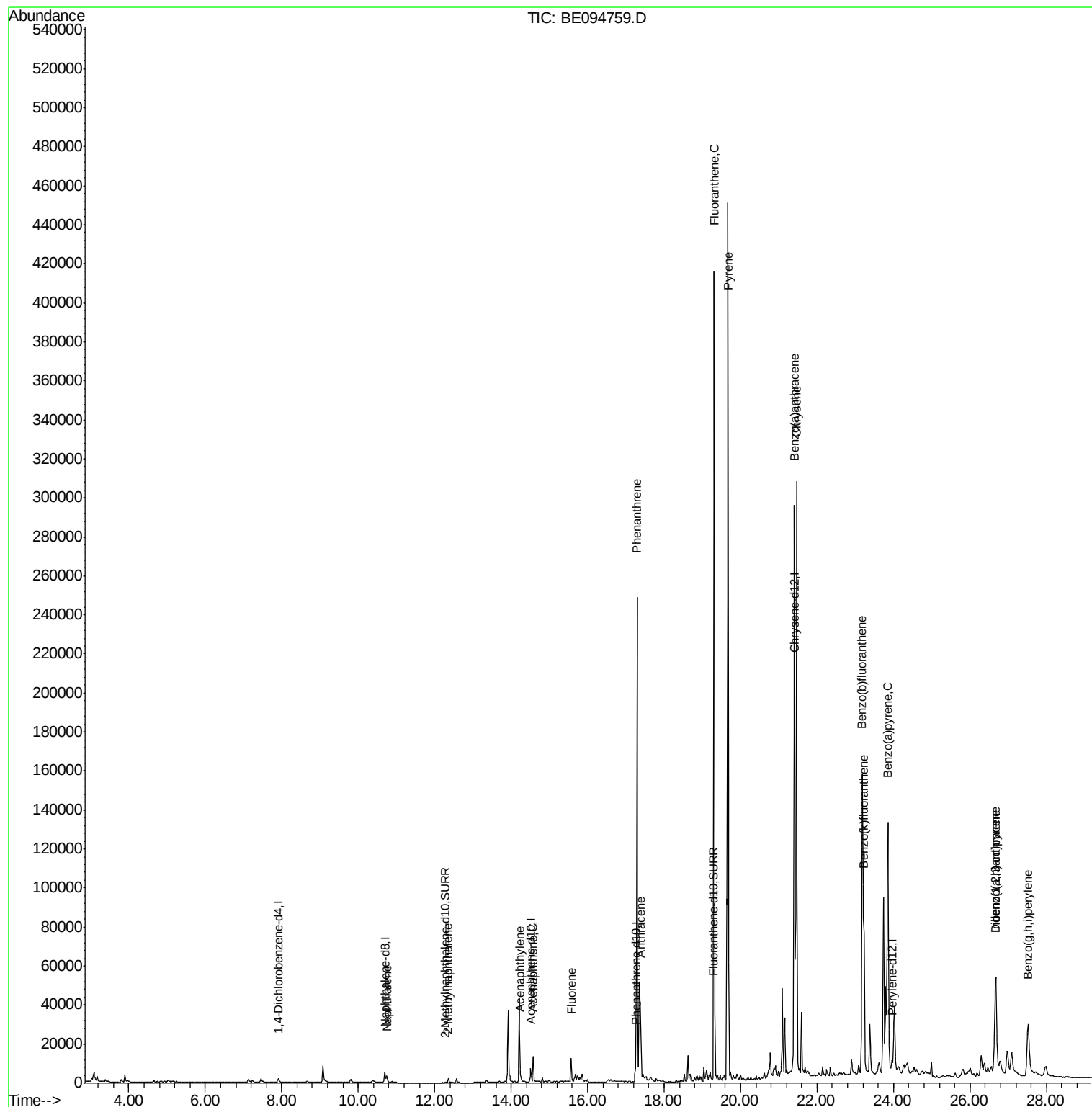
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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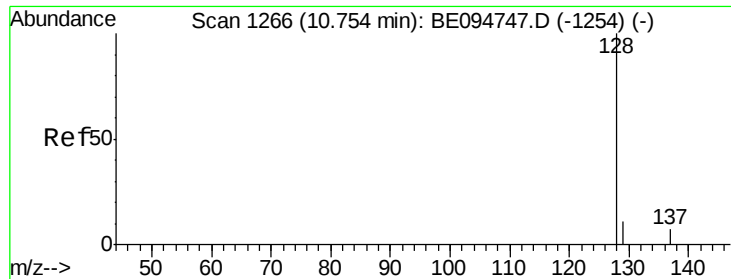
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
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#3

Naphthalene

Concen: 0.317 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

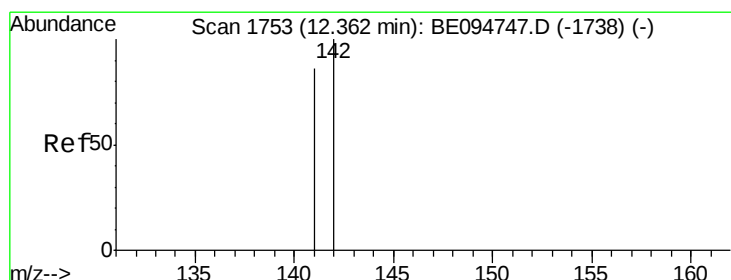
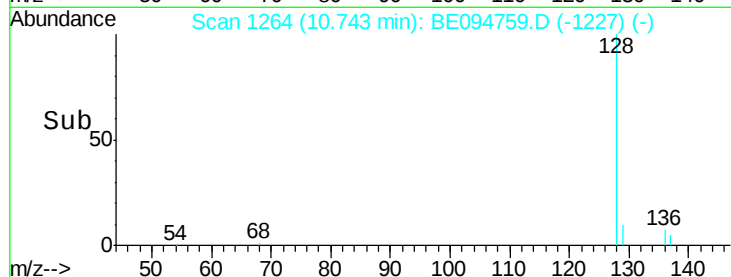
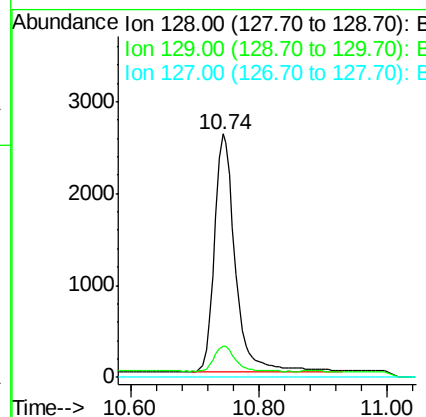
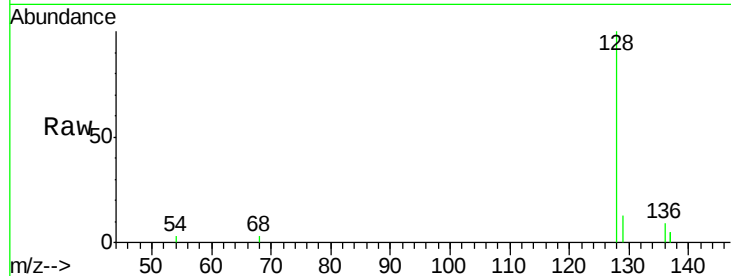
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	128	Resp:	5826
Ion Ratio	Lower	Upper	
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.201 ng/ul

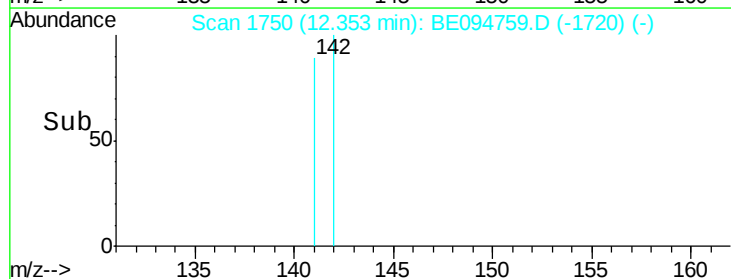
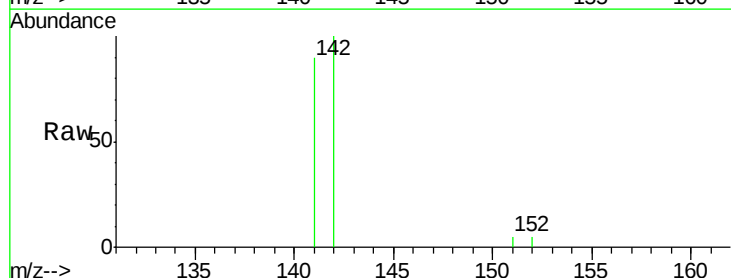
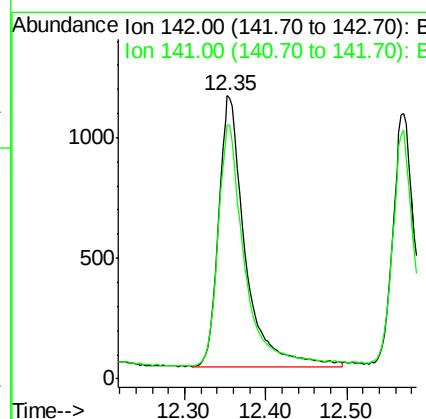
RT: 12.35 min Scan# 1750

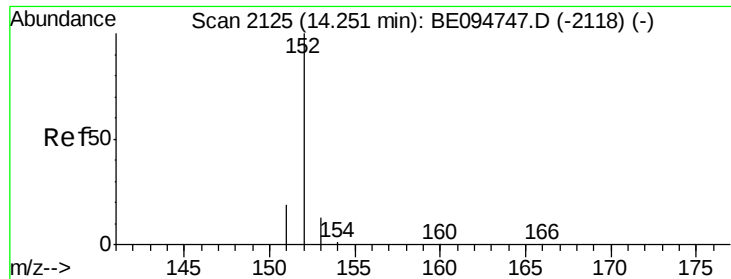
Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	142	Resp:	2584
Ion Ratio	Lower	Upper	
142	100		
141	88.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.200 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

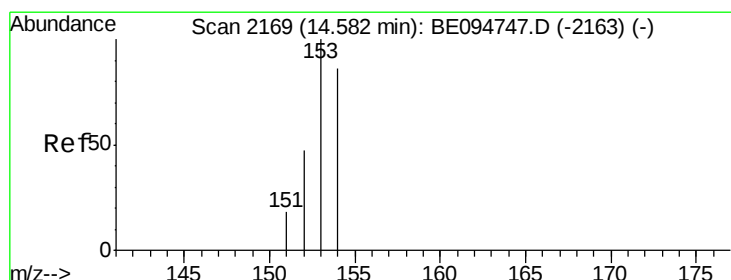
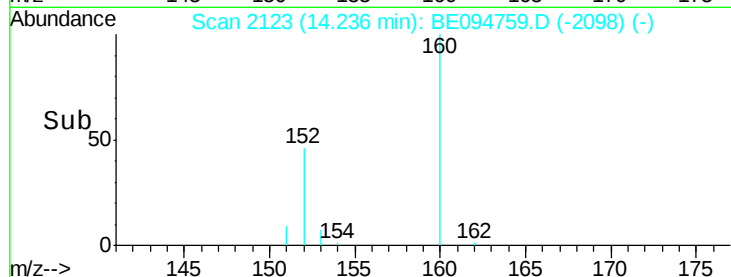
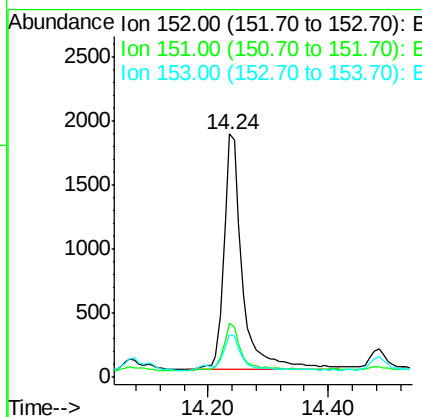
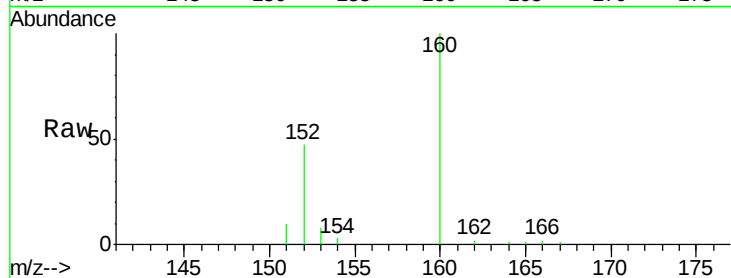
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	152	Resp:	3880
Ion Ratio	Lower	Upper	
152	100		
151	22.4	17.1	25.7
153	17.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.604 ng/ul

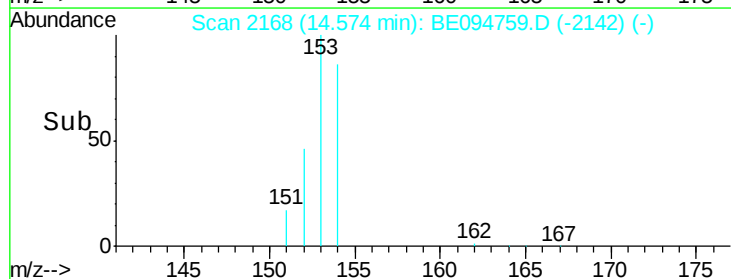
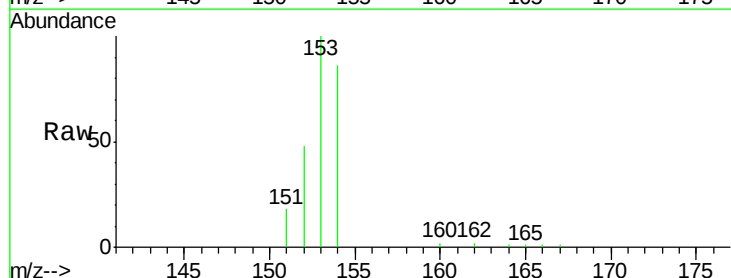
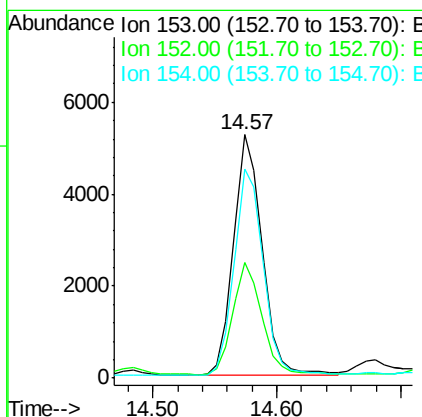
RT: 14.57 min Scan# 2168

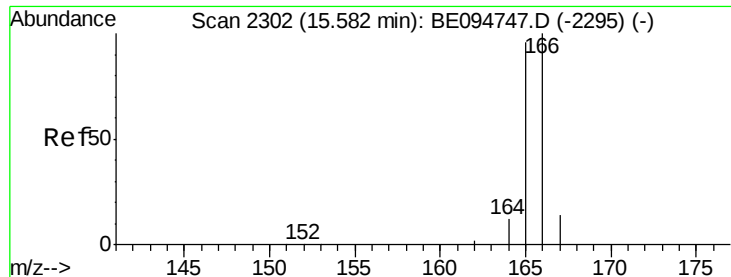
Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	153	Resp:	8418
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.0	54.0
154	85.9	72.0	108.0





#9

Fluorene

Concen: 0.537 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

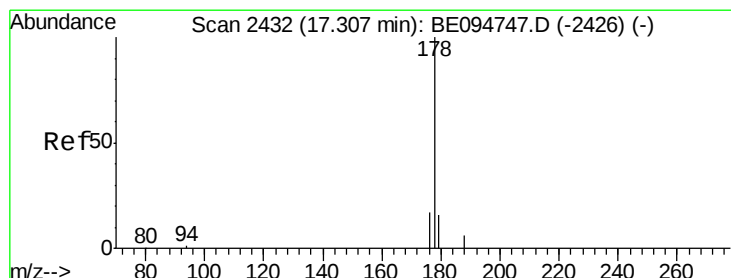
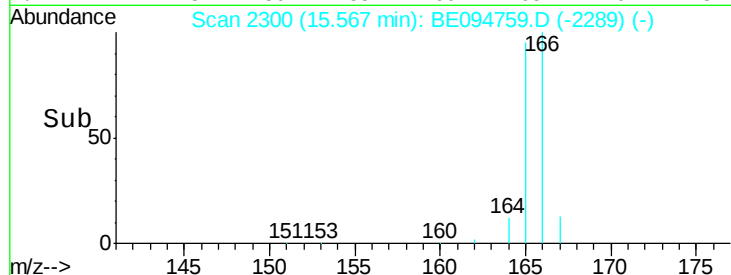
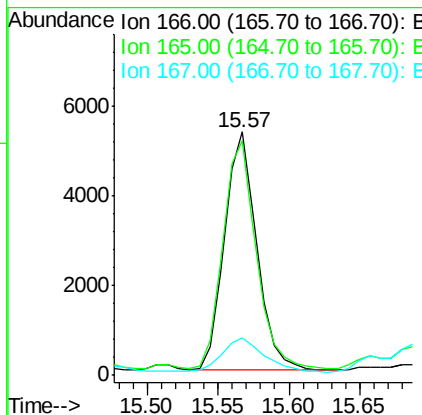
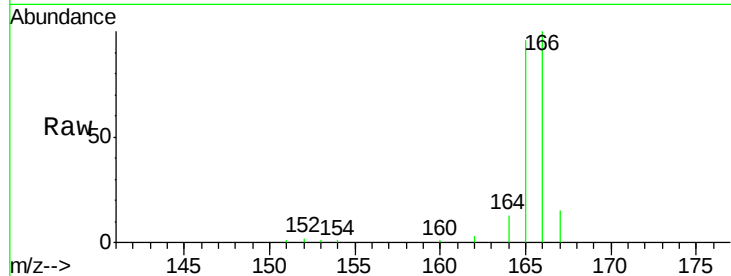
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	166	Resp:	8407
Ion Ratio	Lower	Upper	
166	100		
165	96.2	73.4	110.2
167	15.5	14.6	22.0

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#12

Phenanthrene

Concen: 11.465 ng/ul

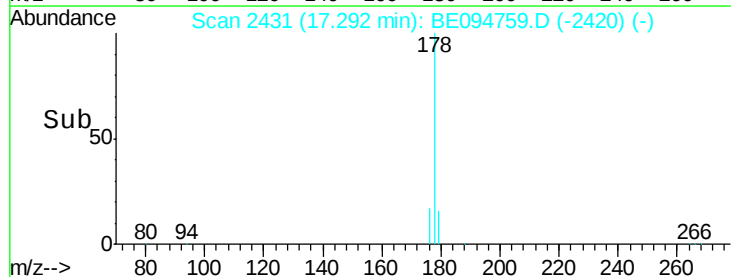
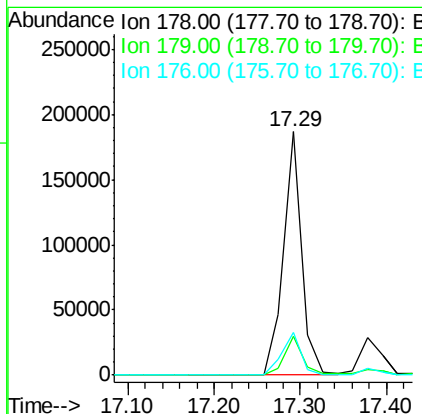
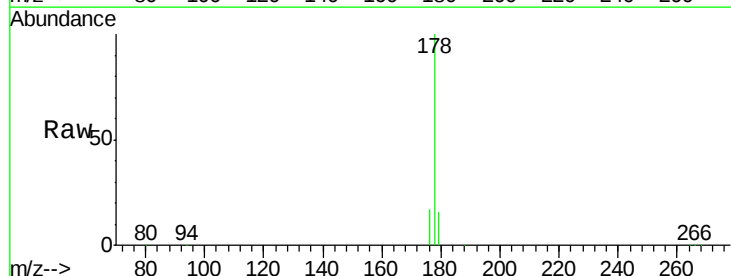
RT: 17.29 min Scan# 2431

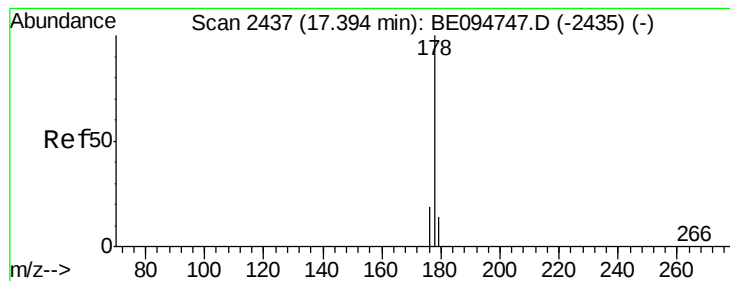
Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	178	Resp:	278286
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	17.3	13.6	20.4





#13

Anthracene

Concen: 2.148 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

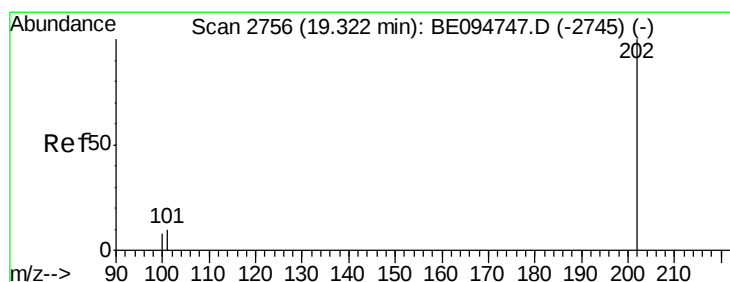
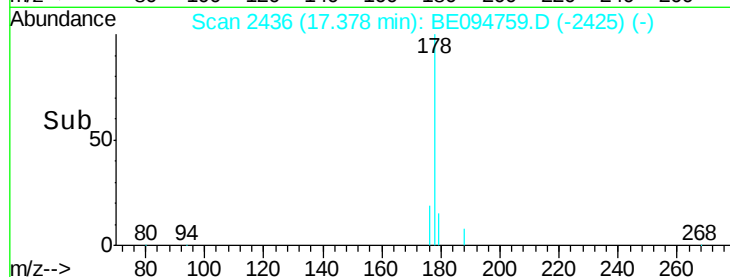
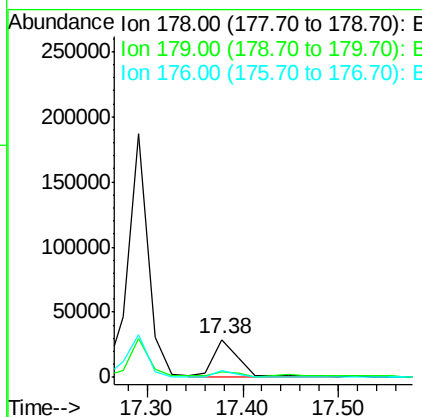
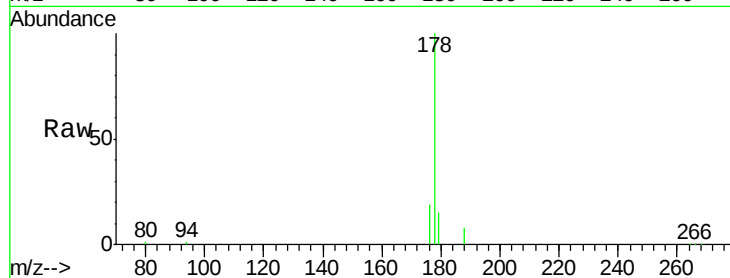
ClientSampleId :

B-76(0-1)-102317

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	19.3	14.7	22.1

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#15

Fluoranthene

Concen: 17.122 ng/ul

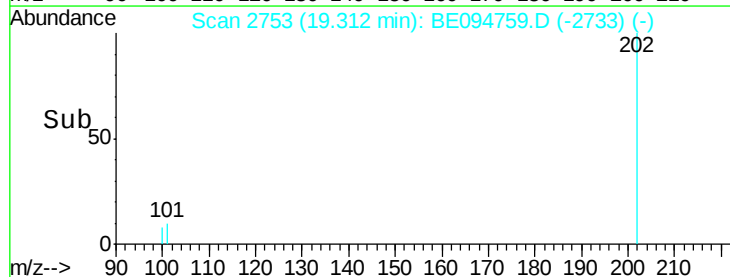
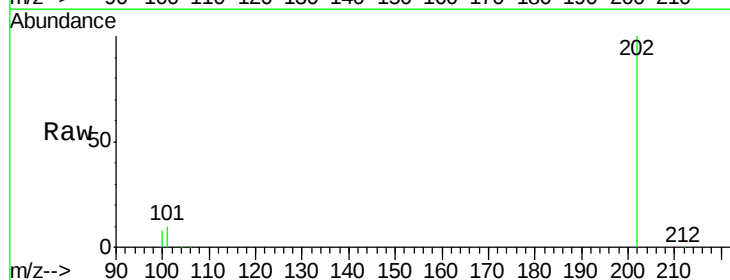
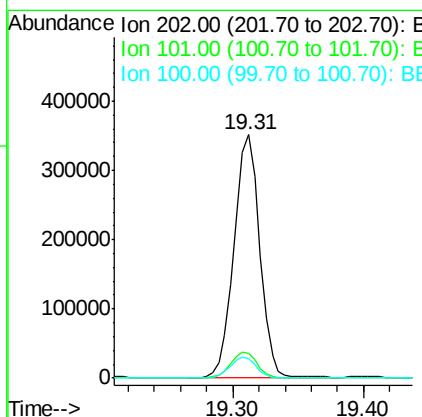
RT: 19.31 min Scan# 2753

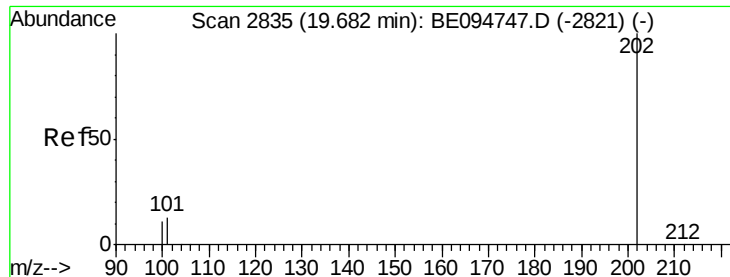
Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	8.0	0.0	39.5





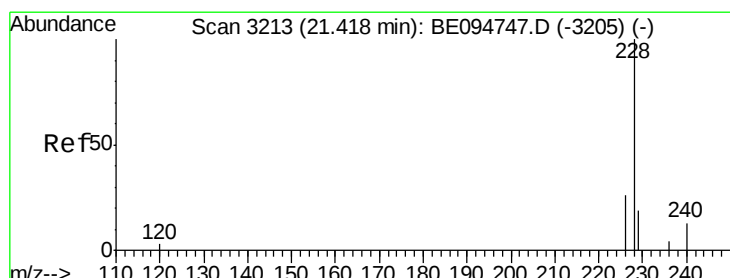
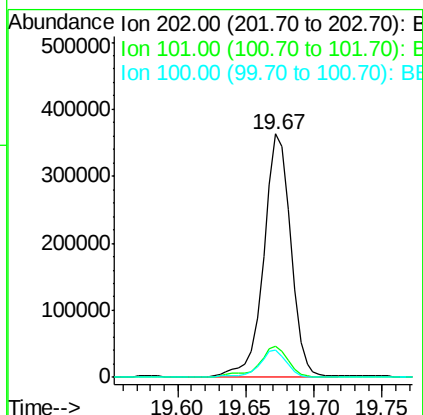
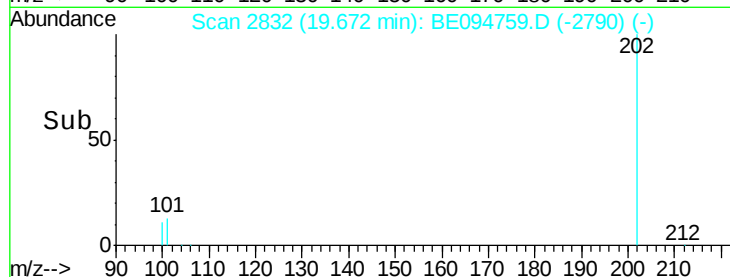
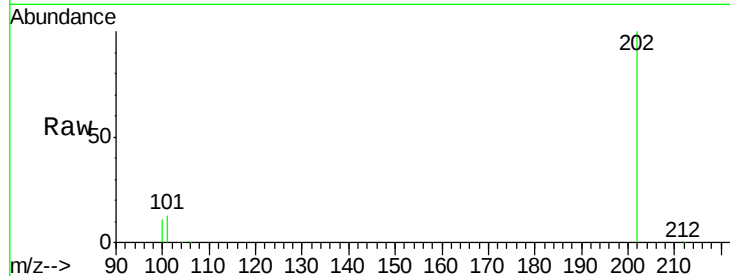
#17
Pyrene
 Concen: 17.674 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094759.D
 Acq: 6 Nov 2017 18:39

Instrument :
 BNA_E
 ClientSampleId :
 B-76(0-1)-102317

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	499661		
101	12.8	18.2	27.4#	
100	11.0	15.6	23.4#	

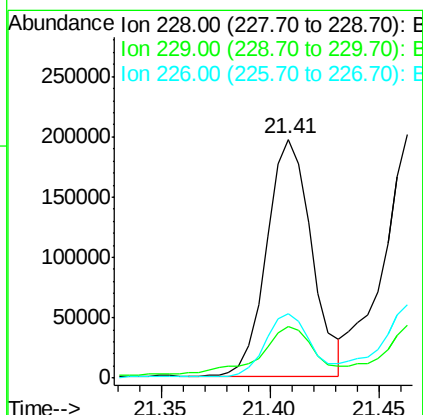
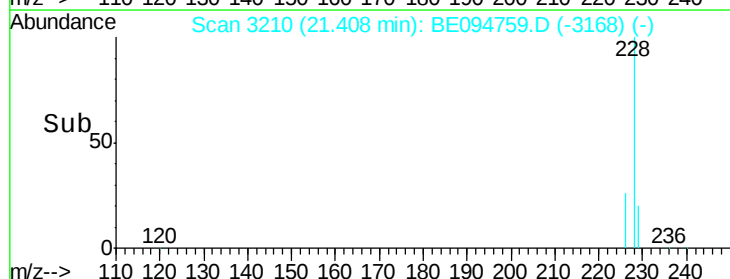
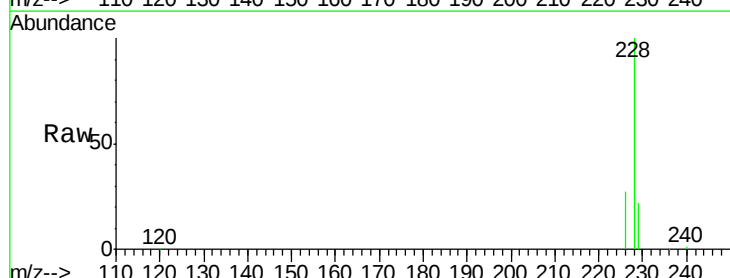
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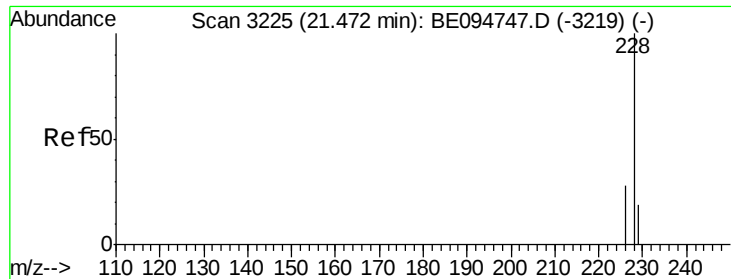
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#18
Benzo(a)anthracene
 Concen: 10.682 ng/ul
 RT: 21.41 min Scan# 3210
 Delta R.T. -0.01 min
 Lab File: BE094759.D
 Acq: 6 Nov 2017 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	279254		
229	21.7	22.8	34.2#	
226	26.7	17.0	25.6#	





#19

Chrysene

Concen: 11.237 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

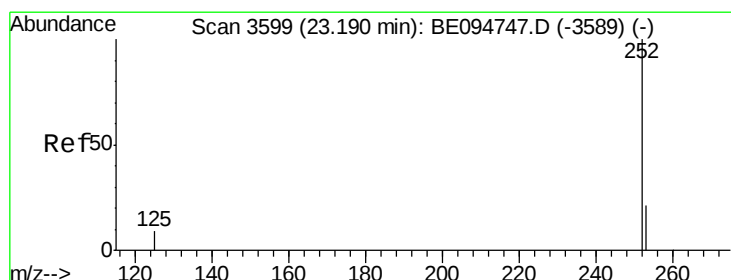
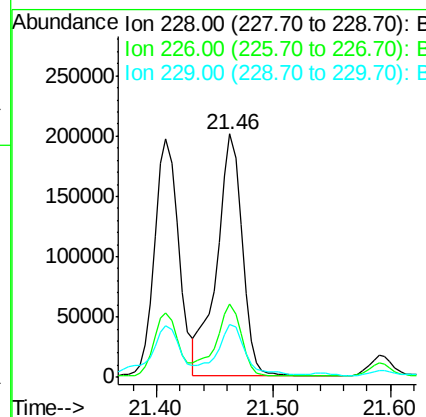
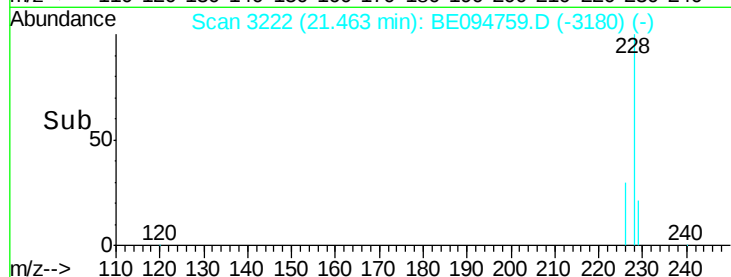
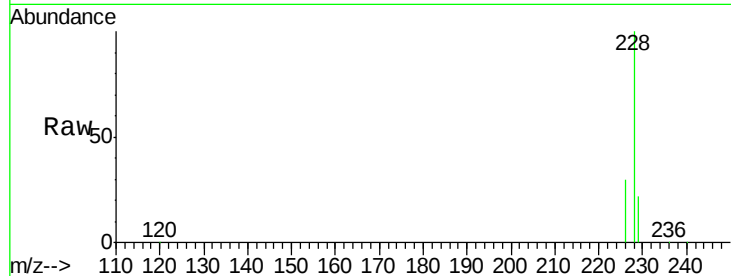
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	228	Resp:	303643
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	21.9	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 11.157 ng/ul m

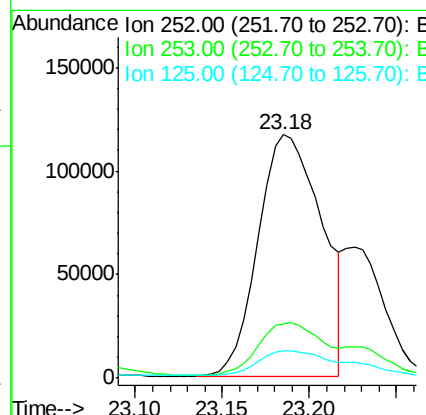
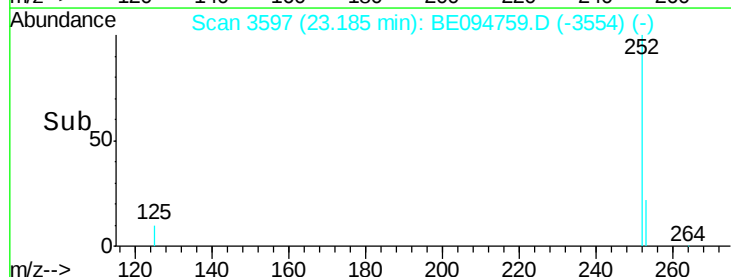
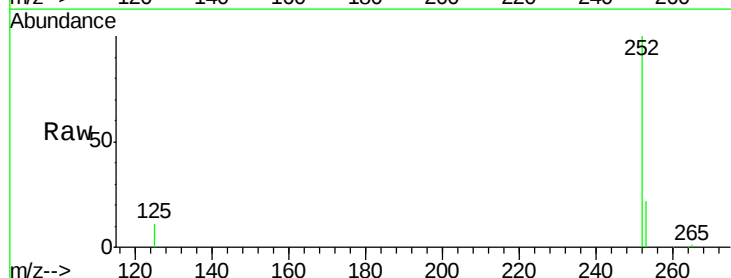
RT: 23.18 min Scan# 3597

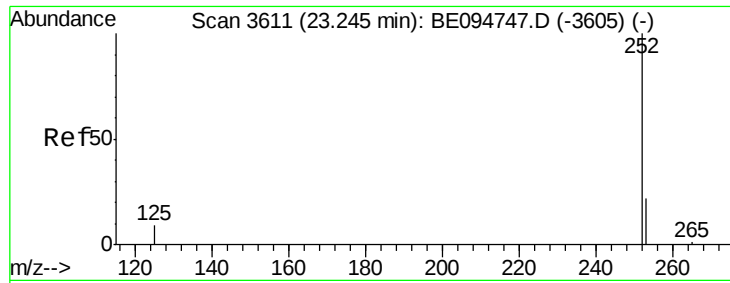
Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	252	Resp:	297384
Ion Ratio	Lower	Upper	
252	100		
253	22.5	0.0	64.2
125	11.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 3.567 ng/ul m

RT: 23.23 min Scan# 3606

Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

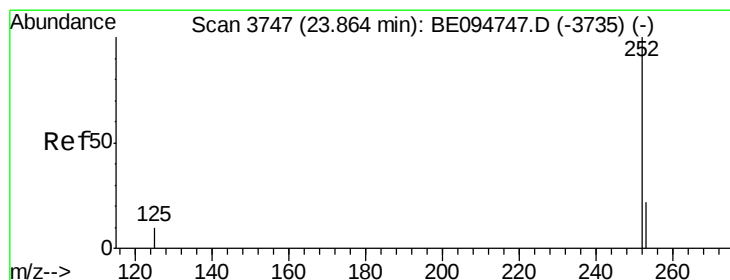
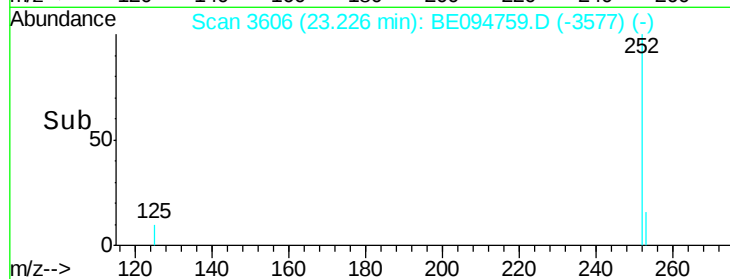
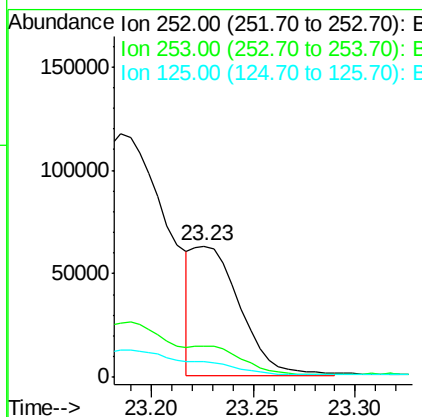
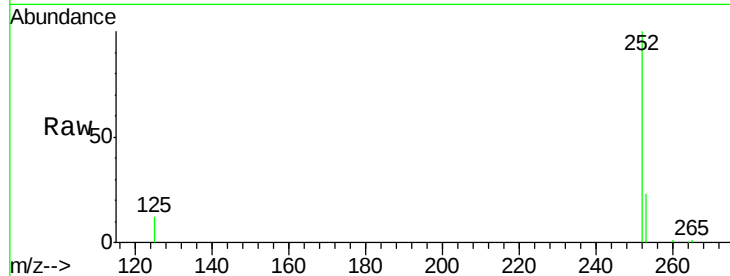
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	252	Resp:	101889
Ion Ratio	Lower	Upper	
252	100		
253	23.5	24.5	36.7#
125	11.8	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 8.137 ng/ul

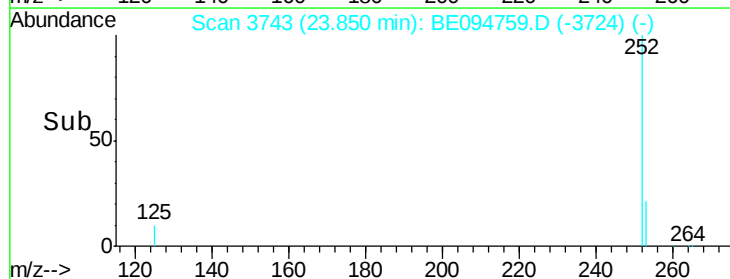
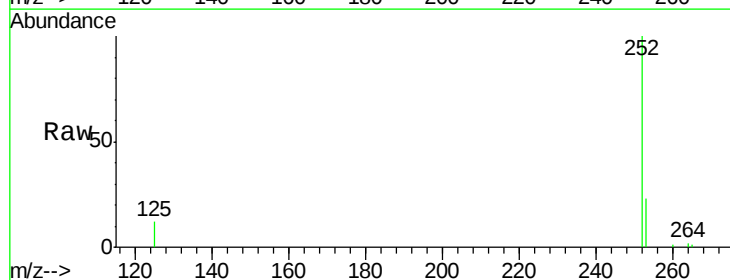
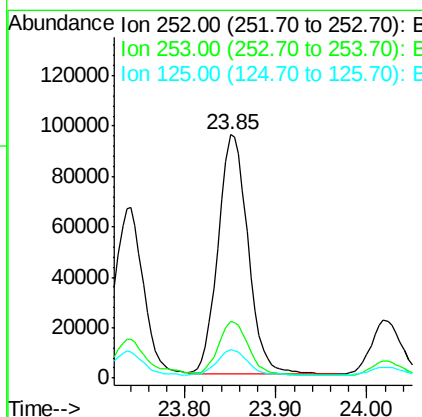
RT: 23.85 min Scan# 3743

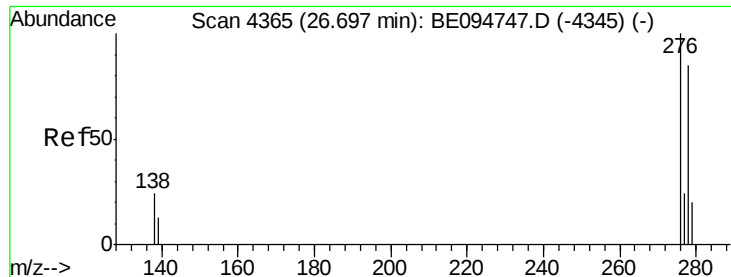
Delta R.T. -0.01 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	252	Resp:	216820
Ion Ratio	Lower	Upper	
252	100		
253	23.2	28.5	42.7#
125	11.8	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 4.034 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

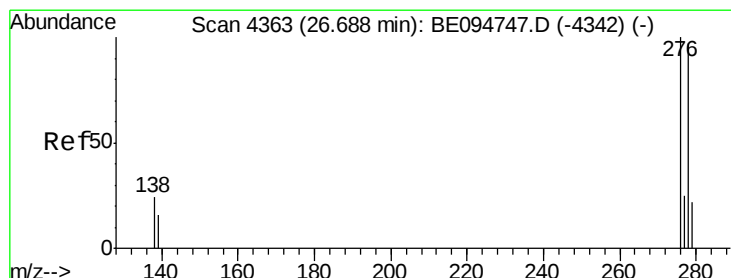
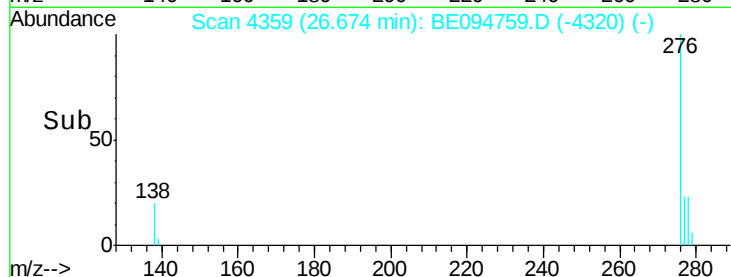
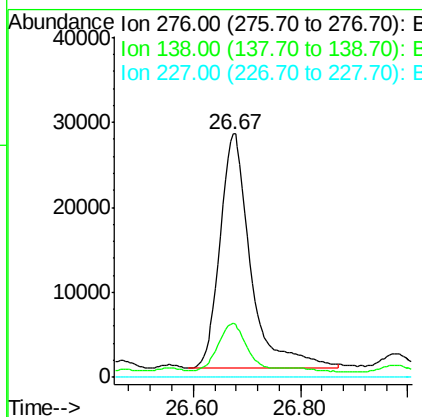
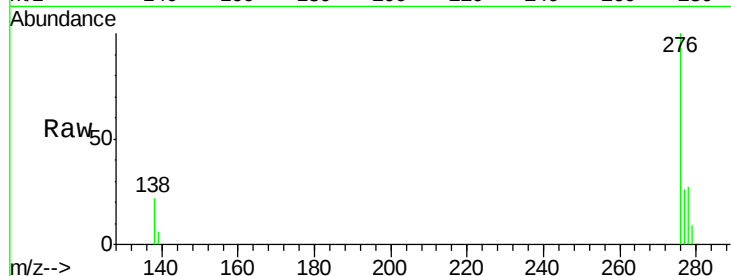
ClientSampleId :

B-76(0-1)-102317

Tgt Ion:	276	Resp:	111218
Ion Ratio	Lower	Upper	
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:49 PM



#25

Dibenzo(a,h)anthracene

Concen: 1.253 ng/ul

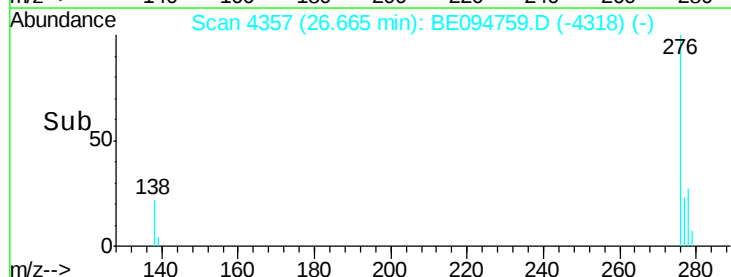
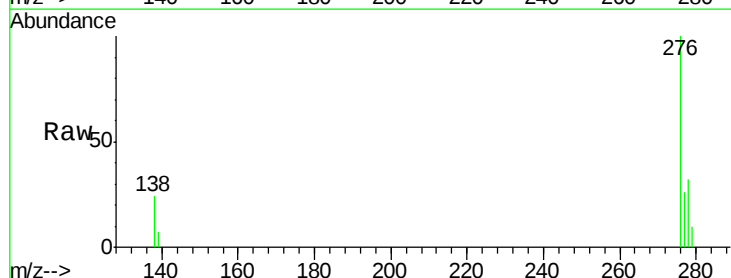
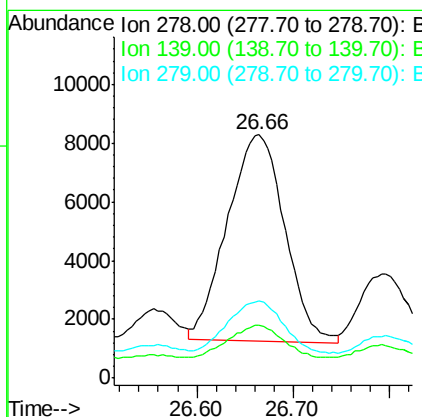
RT: 26.66 min Scan# 4357

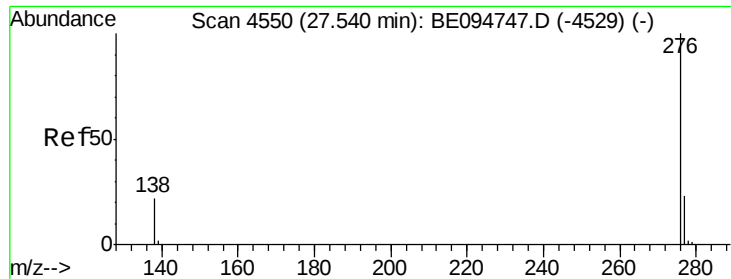
Delta R.T. -0.02 min

Lab File: BE094759.D

Acq: 6 Nov 2017 18:39

Tgt Ion:	278	Resp:	29102
Ion Ratio	Lower	Upper	
278	100		
139	21.6	17.4	26.0
279	31.5	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 3.776 ng/ul

RT: 27.52 min Scan# 4545

Delta R.T. -0.02 min

Lab File: BE094759.D

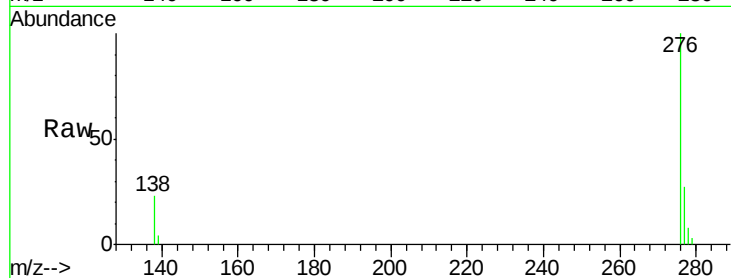
Acq: 6 Nov 2017 18:39

Instrument :

BNA_E

ClientSampleId :

B-76(0-1)-102317



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	83592		
138	23.4		21.8	32.8
277	27.0		20.5	30.7

Manual Integrations
APPROVED

Sohil
11/7/2017 5:41:49 PM

