

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094338.D
 Acq On : 14 Oct 2017 00:16
 Operator : SJ/JU
 Sample : I5649-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-59(FILL)-100317

Manual Integrations
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Quant Time: Oct 14 04:41:20 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 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1532	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	7987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4522	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9757	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9516	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	8783	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3256	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	7543	0.23	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.76	128	8545	0.44	ng/ul#	93
5) 2-Methylnaphthalene	12.37	142	2438	0.19	ng/ul	99
7) Acenaphthylene	14.26	152	6961	0.39	ng/ul	99
8) Acenaphthene	14.60	153	1191	0.08	ng/ul	96
9) Fluorene	15.58	166	1787	0.11	ng/ul#	92
12) Phenanthrene	17.31	178	50190	1.97	ng/ul#	91
13) Anthracene	17.39	178	12394	0.50	ng/ul#	91
15) Fluoranthene	19.32	202	137011	4.09	ng/ul	84
17) Pyrene	19.69	202	129293	4.88	ng/ul#	81
18) Benzo(a)anthracene	21.42	228	76741	3.04	ng/ul#	88
19) Chrysene	21.47	228	77624	2.66	ng/ul	95
21) Benzo(b)fluoranthene	23.19	252	105690m	4.43	ng/ul	
22) Benzo(k)fluoranthene	23.24	252	32730m	1.19	ng/ul	
23) Benzo(a)pyrene	23.85	252	73708	2.97	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.66	276	55045	2.17	ng/ul#	78
26) Benzo(g,h,i)perylene	27.50	276	40829	1.87	ng/ul#	89

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

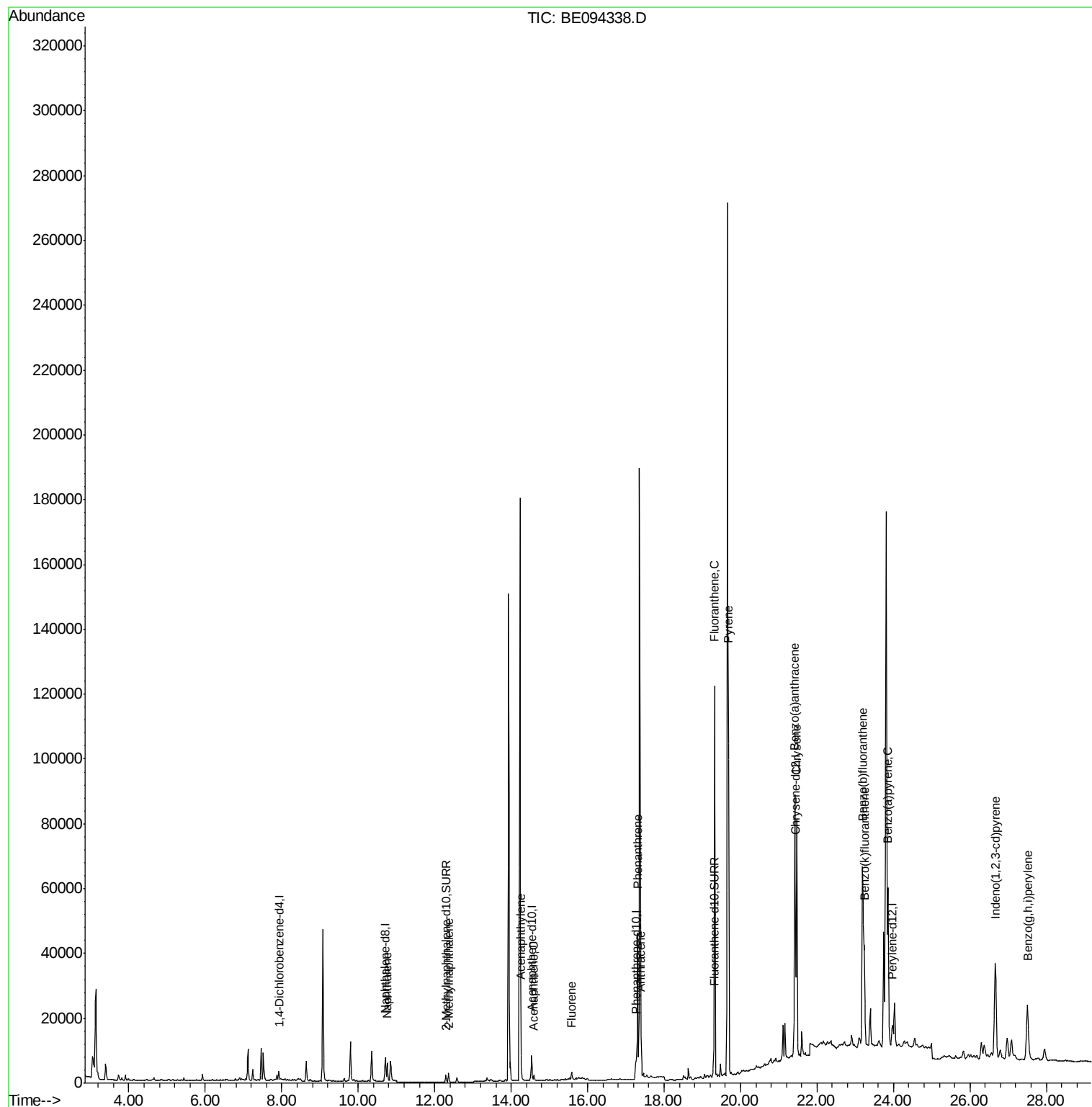
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 19 Sample Multiplier: 1

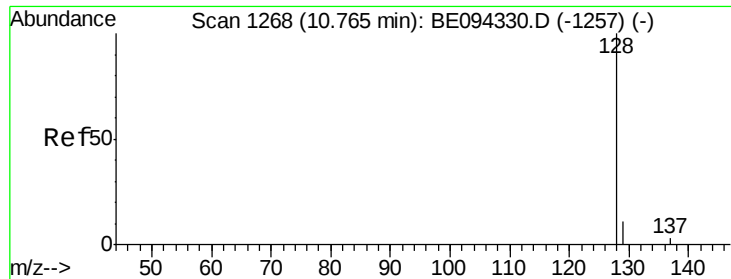
Instrument :
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B-59(FILL)-100317

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Sat Oct 14 03:57:24 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.44 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

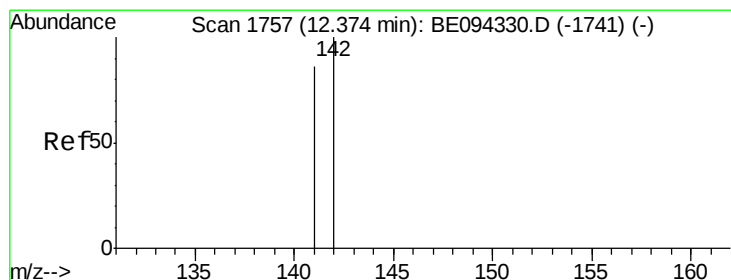
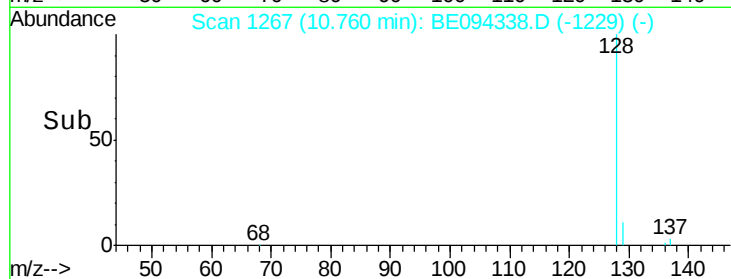
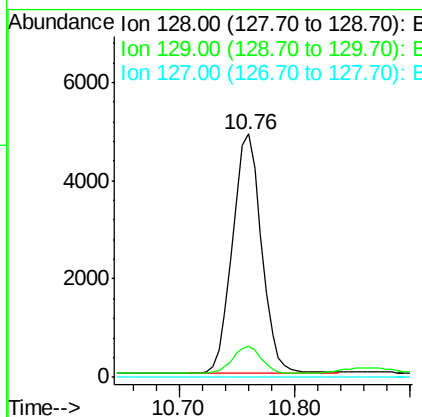
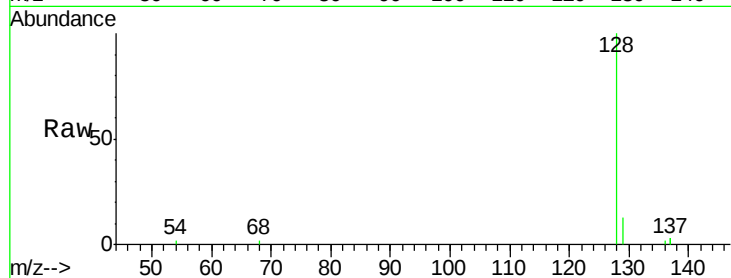
ClientSampleId :

B-59(FILL)-100317

Tgt Ion:	128	Resp:	8545
Ion Ratio	Lower	Upper	
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.19 ng/ul

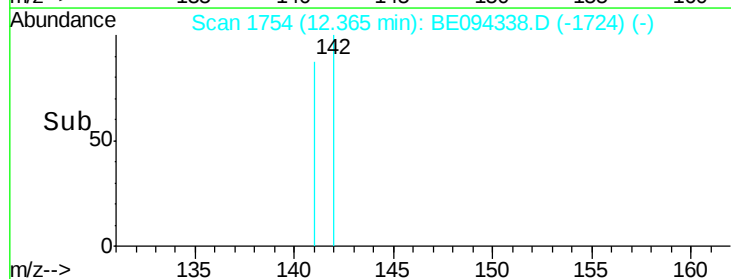
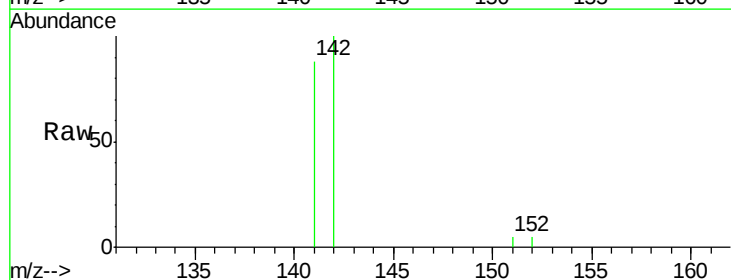
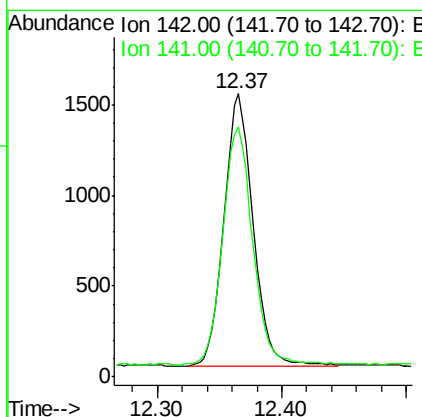
RT: 12.37 min Scan# 1754

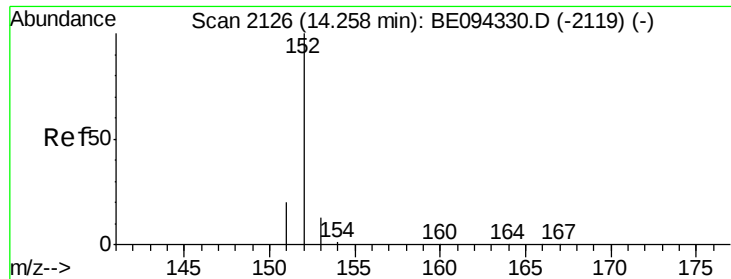
Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Tgt Ion:	142	Resp:	2438
Ion Ratio	Lower	Upper	
142	100		
141	89.3	72.6	108.8





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

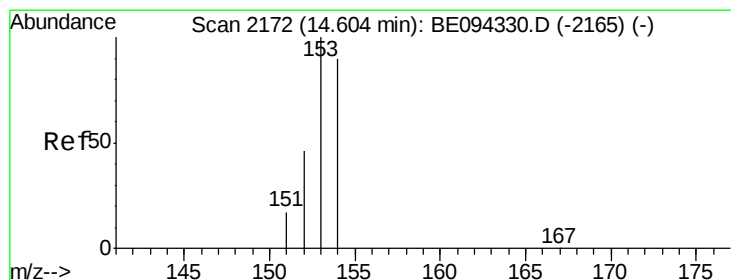
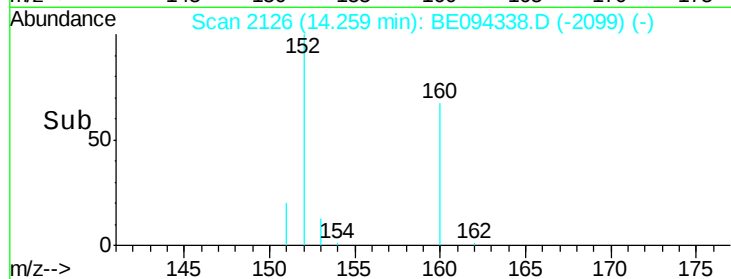
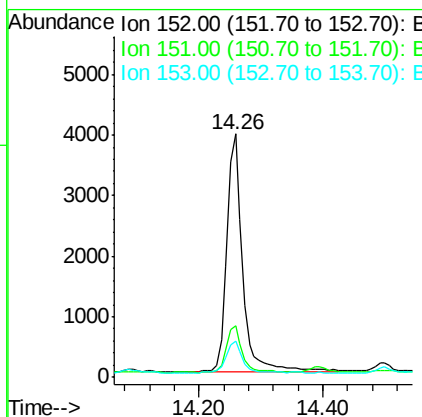
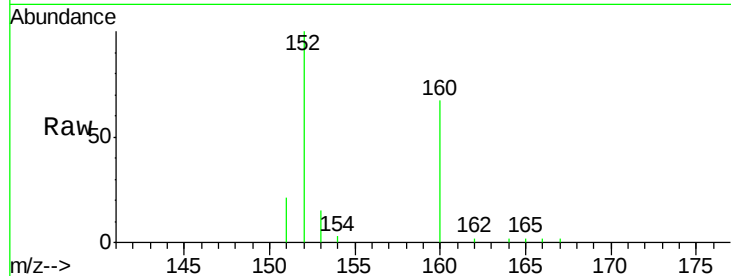
ClientSampleId :

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Tgt Ion:	152	Resp:	6961
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	15.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.08 ng/ul

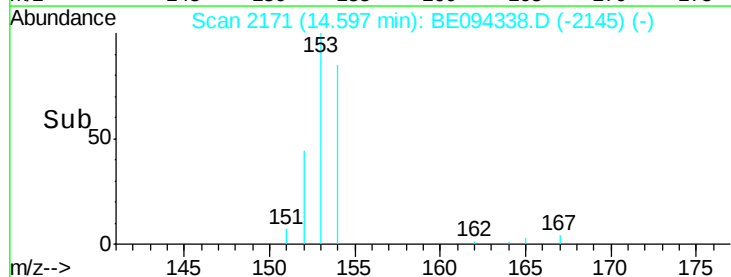
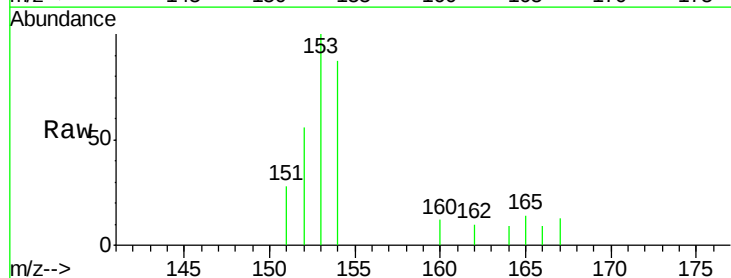
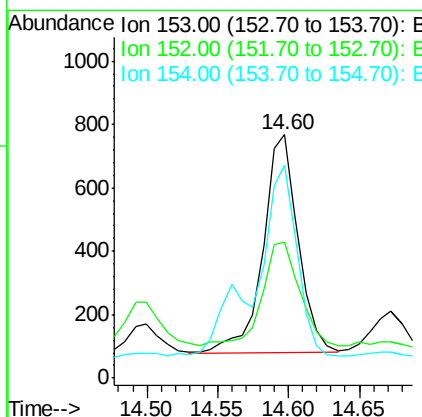
RT: 14.60 min Scan# 2171

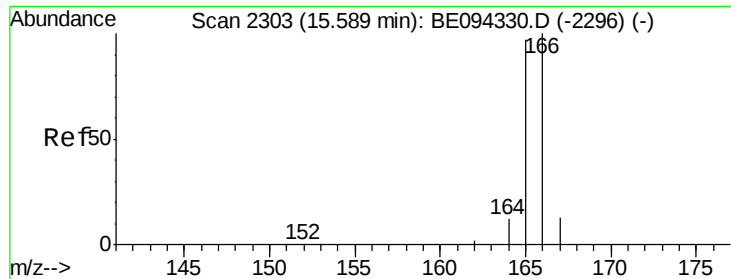
Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Tgt Ion:	153	Resp:	1191
Ion Ratio	Lower	Upper	
153	100		
152	56.0	40.3	60.5
154	87.4	71.4	107.2





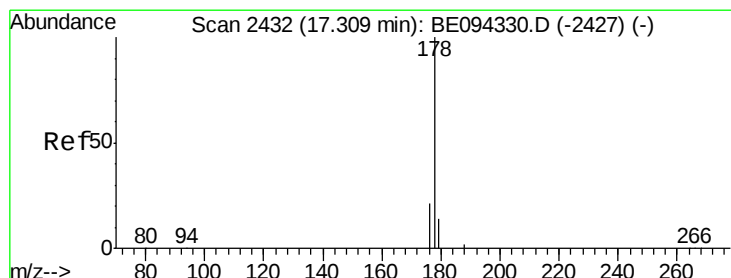
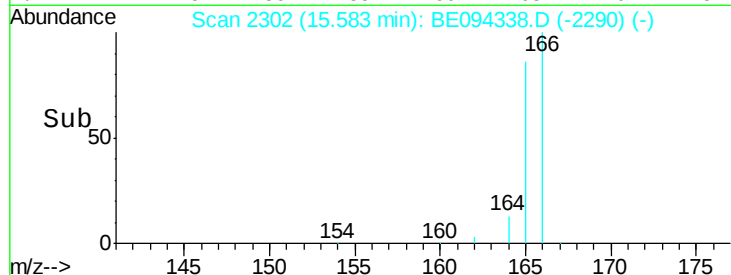
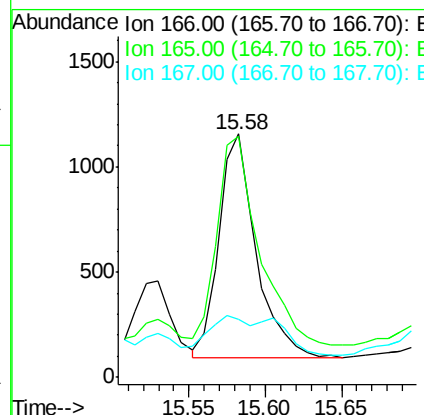
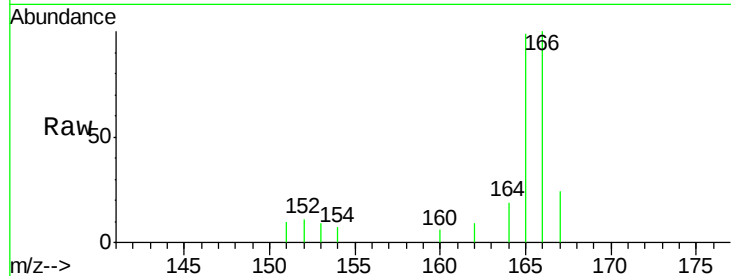
#9
Fluorene
 Concen: 0.11 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	23.8	14.6	22.0

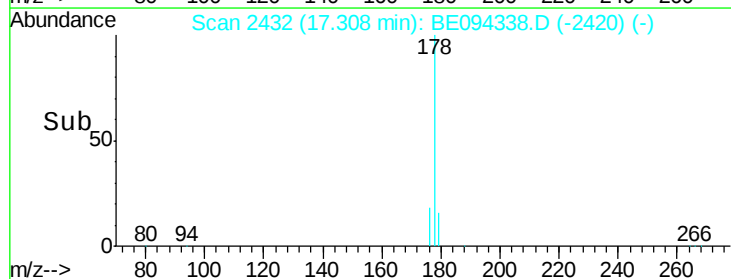
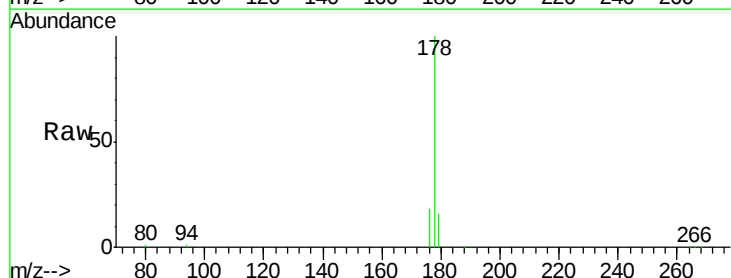
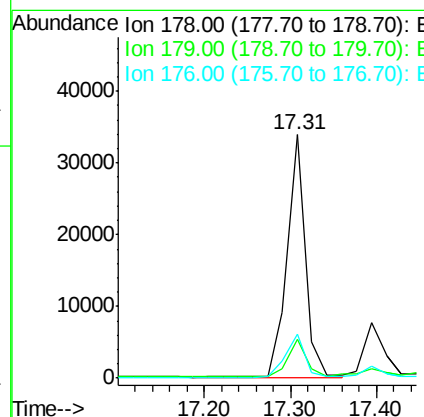
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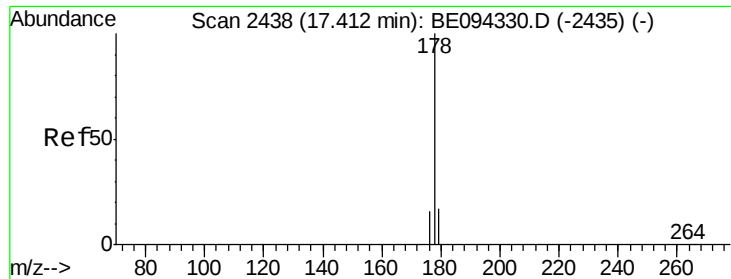
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#12
Phenanthrene
 Concen: 1.97 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6
176	18.3	13.6	20.4





#13

Anthracene

Concen: 0.50 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

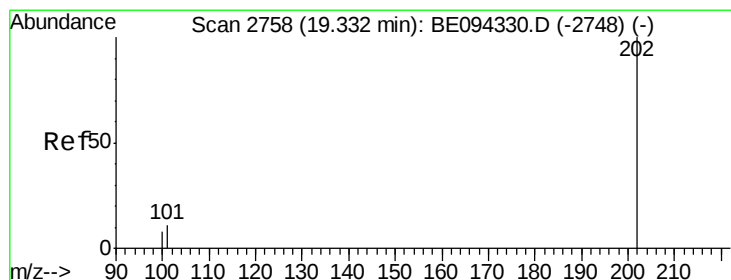
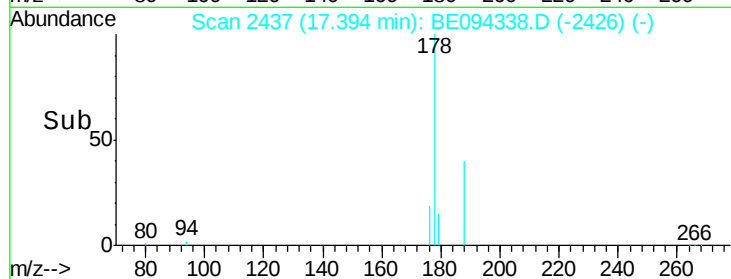
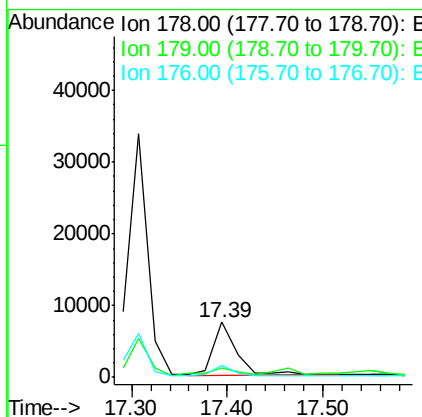
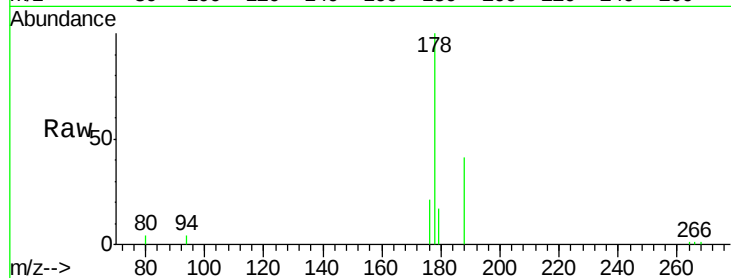
ClientSampleId :

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Tgt Ion:	178	Resp:	12394
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.1	27.1#
176	20.8	14.7	22.1

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#15

Fluoranthene

Concen: 4.09 ng/ul

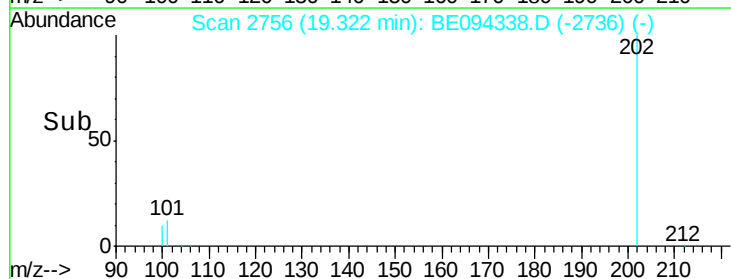
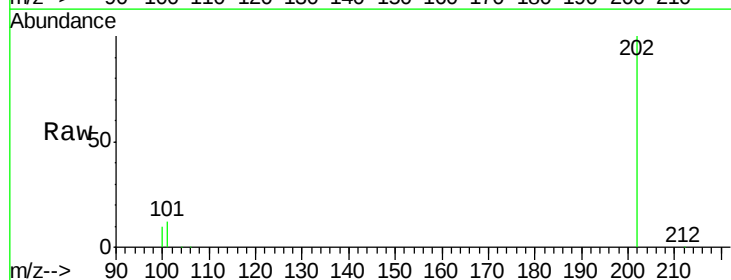
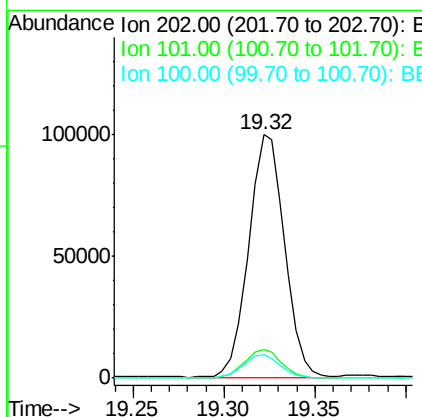
RT: 19.32 min Scan# 2756

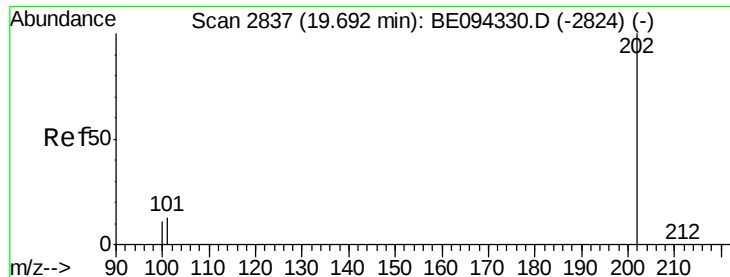
Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Tgt Ion:	202	Resp:	137011
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.3
100	9.8	0.0	39.5





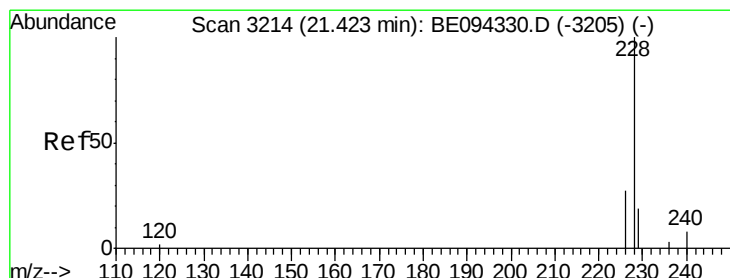
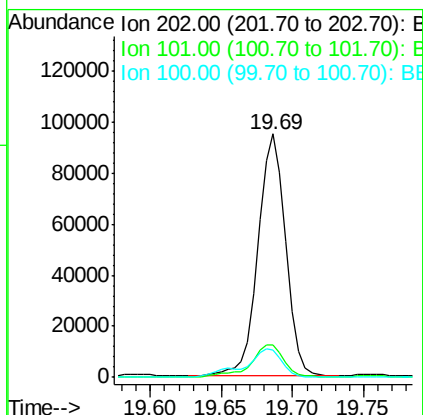
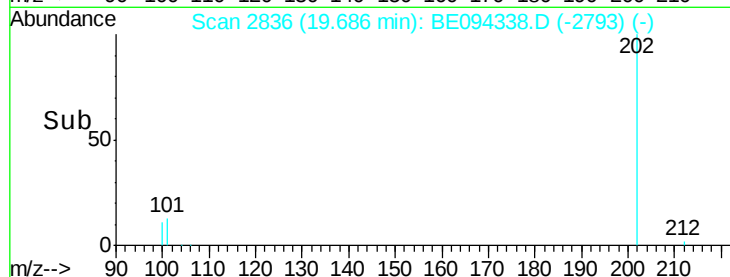
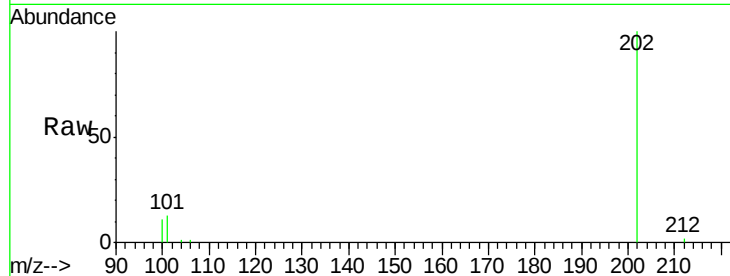
#17
 Pyrene
 Concen: 4.88 ng/ul
 RT: 19.69 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Instrument :
 BNA_E
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.1	18.2	27.4#
100	11.2	15.6	23.4#

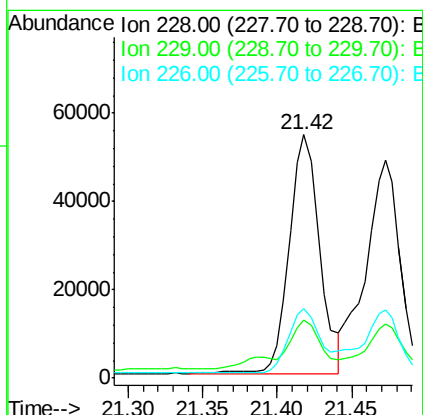
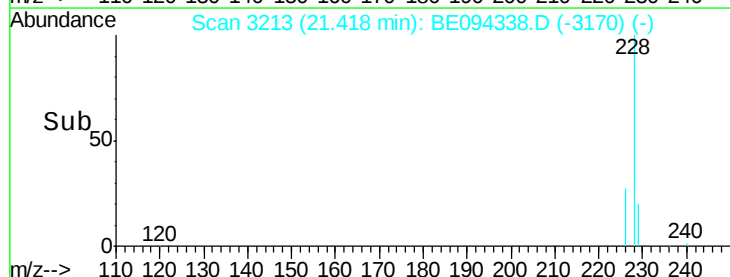
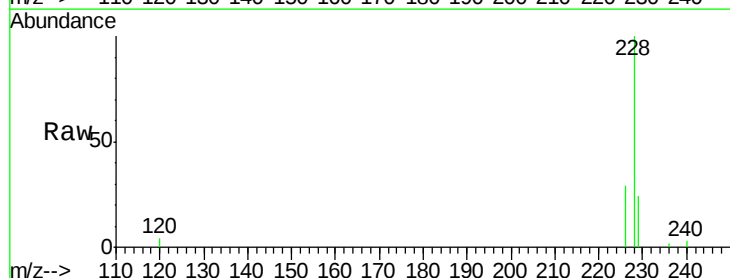
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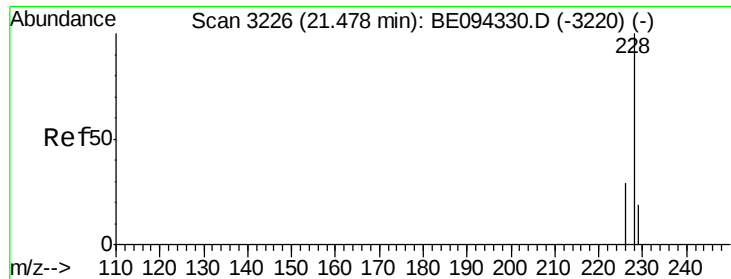
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#18
 Benzo(a)anthracene
 Concen: 3.04 ng/ul
 RT: 21.42 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.7	22.8	34.2
226	28.6	17.0	25.6#





#19

Chrysene

Concen: 2.66 ng/ul

RT: 21.47 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

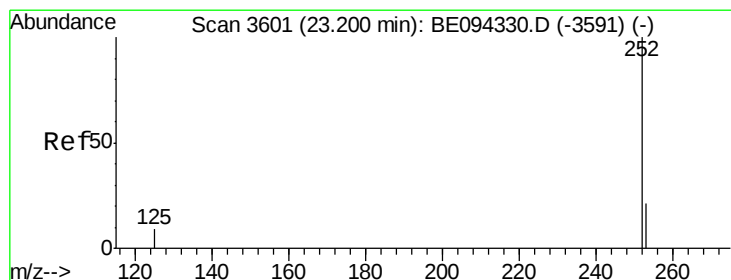
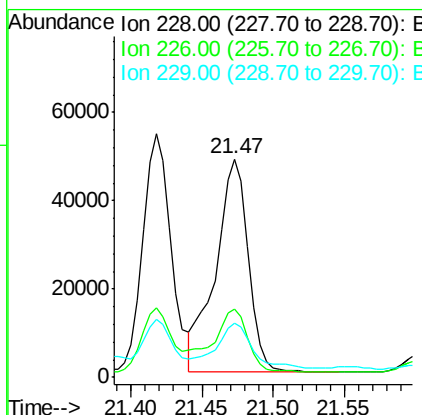
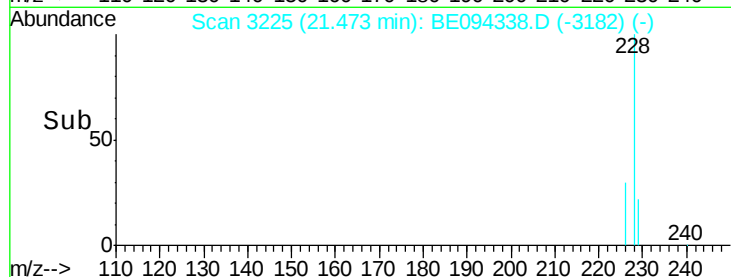
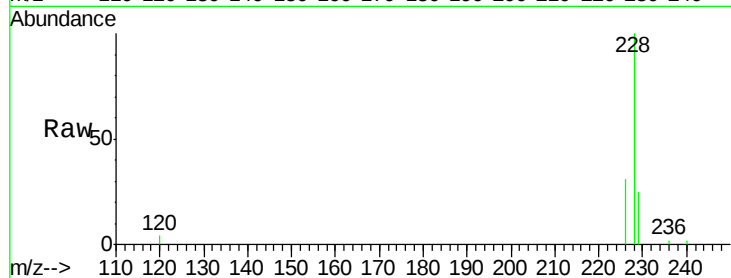
ClientSampleId :

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Tgt Ion:	228	Resp:	77624
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	25.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 4.43 ng/ul m

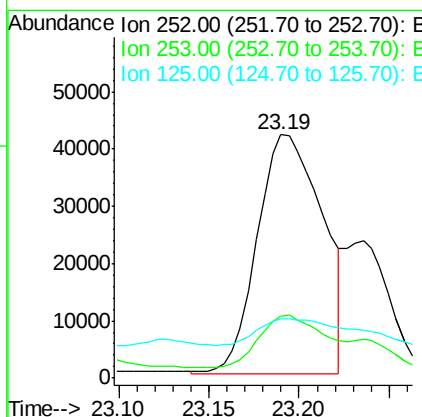
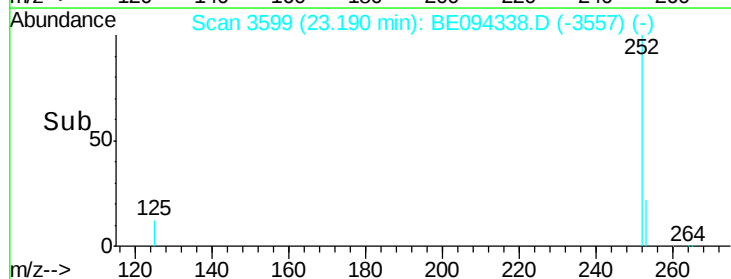
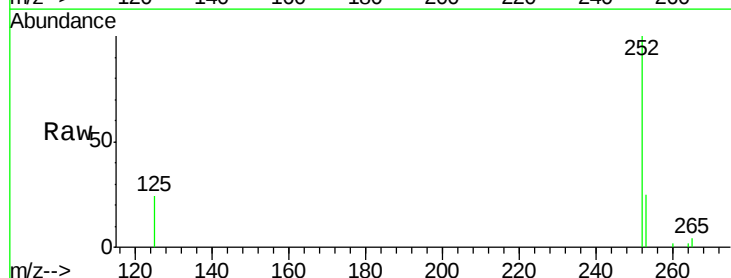
RT: 23.19 min Scan# 3599

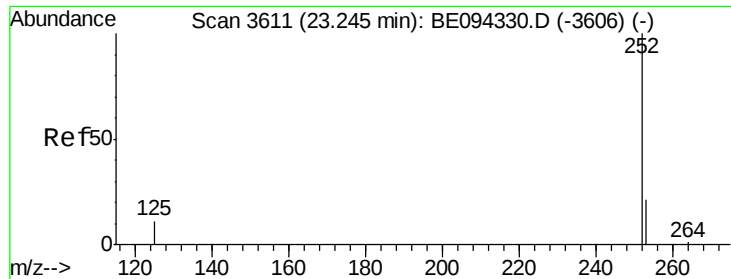
Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Tgt Ion:	252	Resp:	105690
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	64.2
125	24.3	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.19 ng/ul m

RT: 23.24 min Scan# 3609

Delta R.T. -0.01 min

Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Instrument :

BNA_E

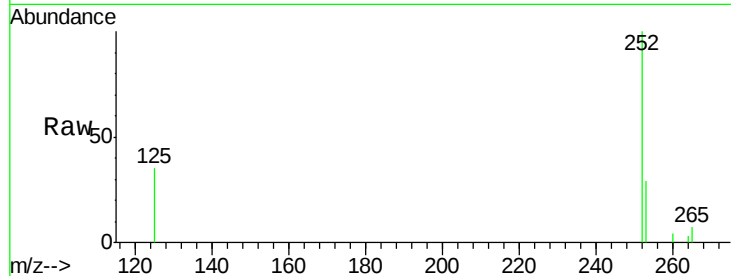
ClientSampleId :

B-59(FILL)-100317

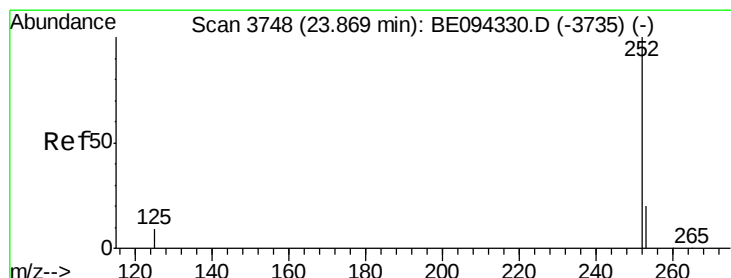
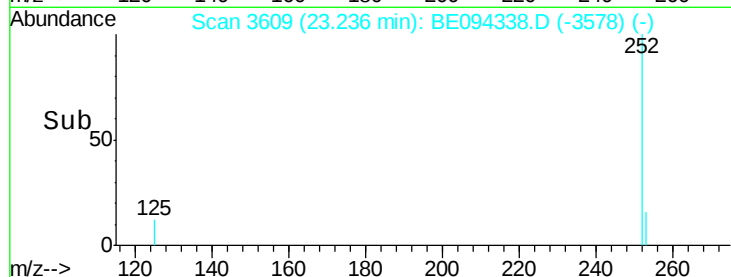
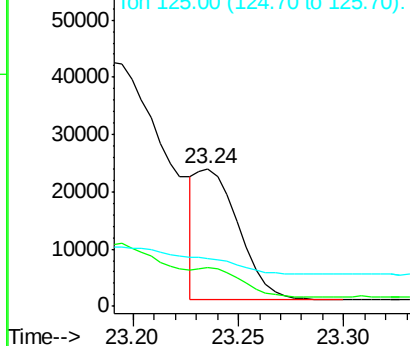
Tgt Ion:	252	Resp:	32730
Ion Ratio	Lower	Upper	
252	100		
253	28.6	24.5	36.7
125	34.6	13.7	20.5#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.97 ng/ul

RT: 23.85 min Scan# 3745

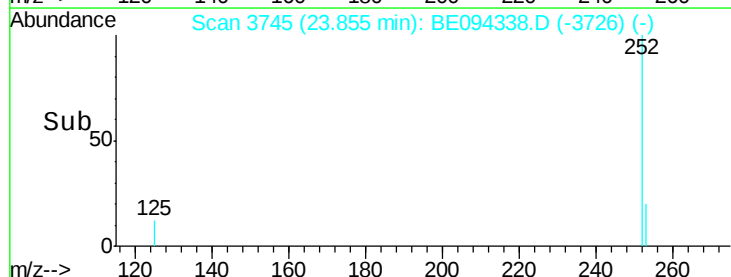
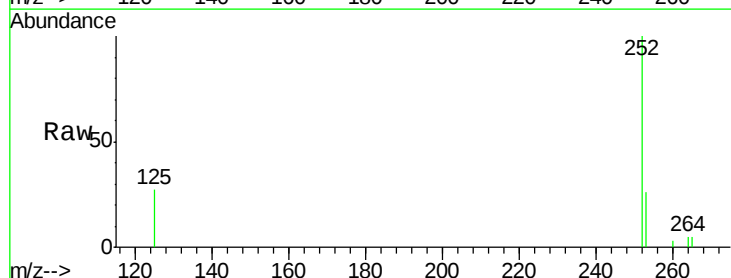
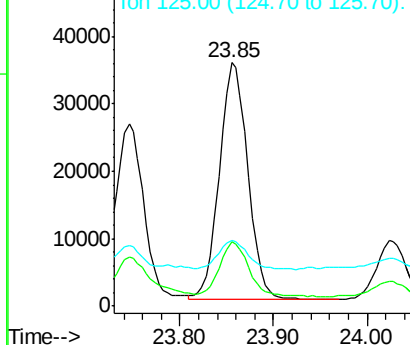
Delta R.T. -0.01 min

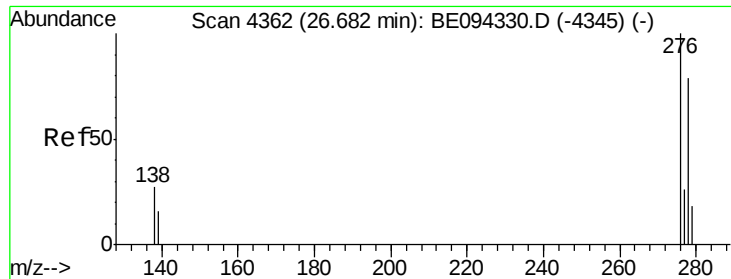
Lab File: BE094338.D

Acq: 14 Oct 2017 00:16

Tgt Ion:	252	Resp:	73708
Ion Ratio	Lower	Upper	
252	100		
253	26.2	28.5	42.7#
125	26.9	18.1	27.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





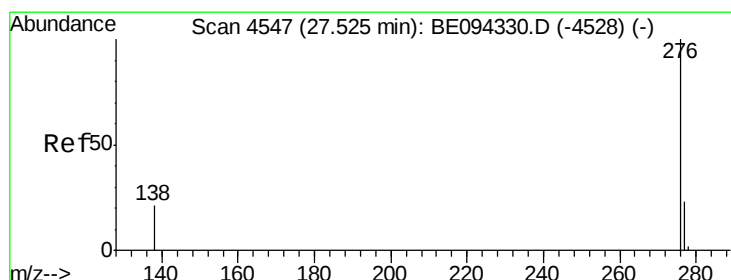
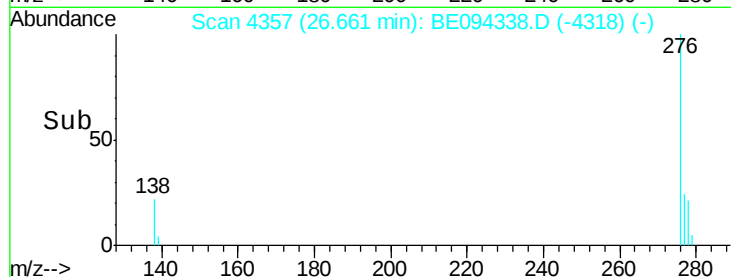
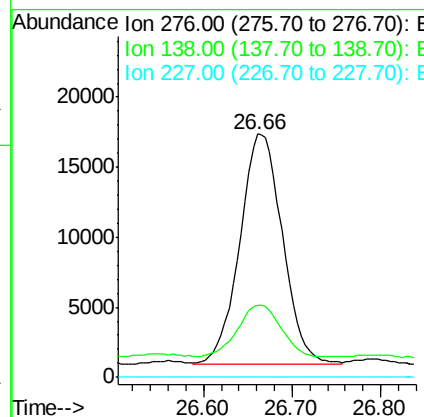
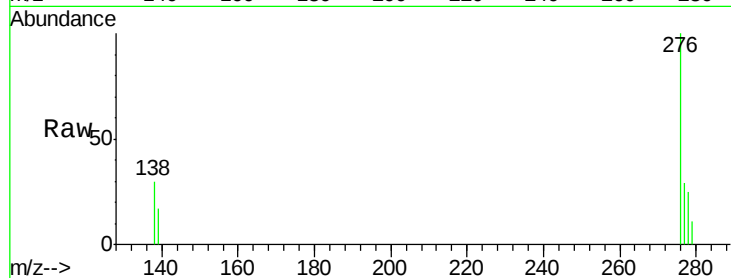
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.17 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.02 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Instrument :
 BNA_E
 ClientSampleId :
 B-59(FILL)-100317

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:05 PM



#26
 Benzo(g,h,i)perylene
 Concen: 1.87 ng/ul
 RT: 27.50 min Scan# 4542
 Delta R.T. -0.02 min
 Lab File: BE094338.D
 Acq: 14 Oct 2017 00:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.8#
277	31.0	20.5	30.7#

