

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094340.D
 Acq On : 14 Oct 2017 1:31
 Operator : SJ/JU
 Sample : I5649-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 14 05:01:16 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	1710	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5403	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	11241m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	10184	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10909m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4434	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9650	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	29714	1.35	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	8679	0.61	ng/ul	98
7) Acenaphthylene	14.26	152	21904	1.04	ng/ul	97
8) Acenaphthene	14.59	153	11811	0.68	ng/ul	97
9) Fluorene	15.58	166	9369	0.46	ng/ul	95
11) Pentachlorophenol	16.96	266	267	0.20	ng/ul#	87
12) Phenanthrene	17.31	178	222922	7.59	ng/ul#	92
13) Anthracene	17.40	178	59914	2.10	ng/ul#	91
15) Fluoranthene	19.33	202	529053	13.71	ng/ul	84
17) Pyrene	19.69	202	501182	17.69	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	279684	10.35	ng/ul#	87
19) Chrysene	21.47	228	283931	9.10	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	375394	12.67	ng/ul	88
22) Benzo(k)fluoranthene	23.24	252	132621m	3.87	ng/ul	
23) Benzo(a)pyrene	23.86	252	247155m	8.03	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.67	276	186963m	5.94	ng/ul	
25) Dibenzo(a,h)anthracene	26.67	278	53588m	2.03	ng/ul	
26) Benzo(g,h,i)perylene	27.52	276	162629m	5.99	ng/ul	

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

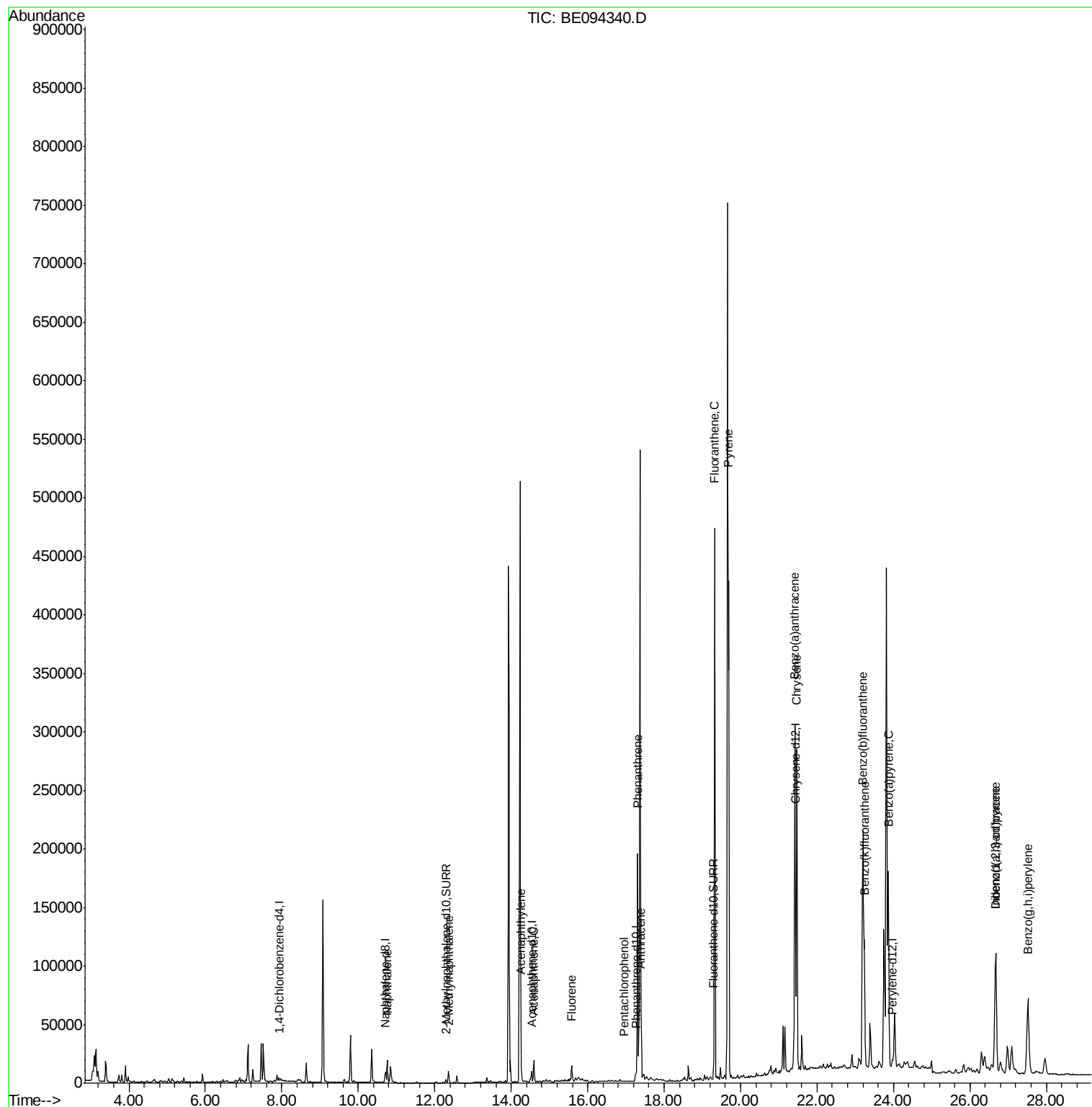
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ALS Vial : 21 Sample Multiplier: 1

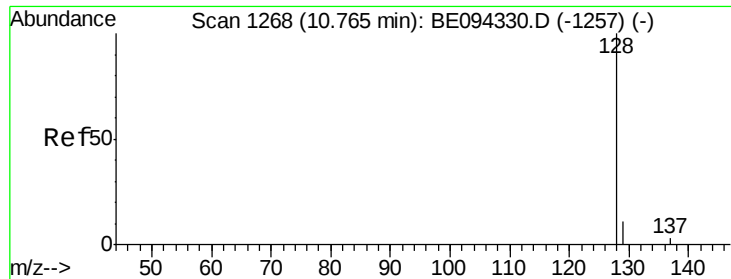
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#3

Naphthalene

Concen: 1.35 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Instrument :

BNA_E

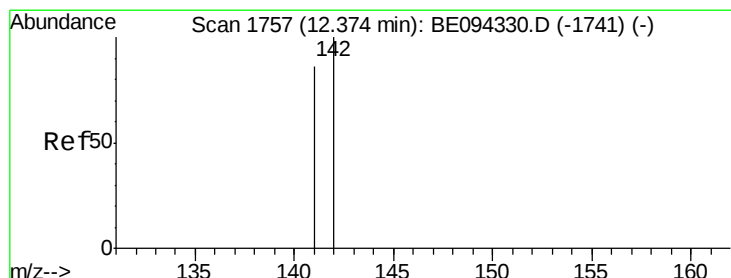
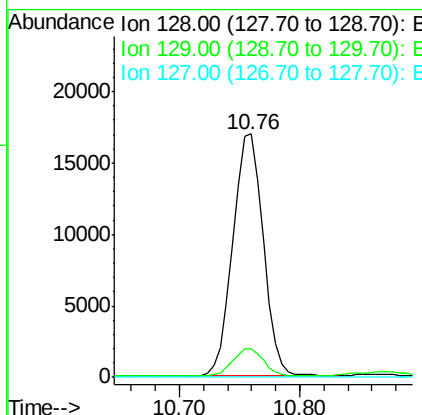
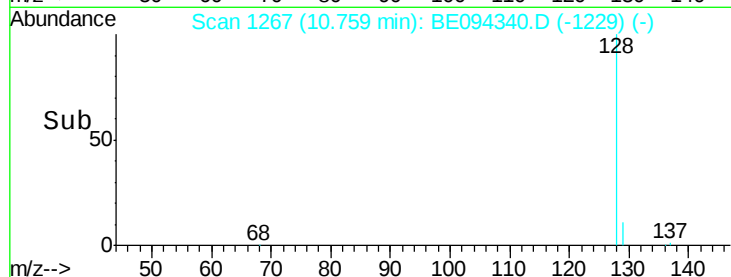
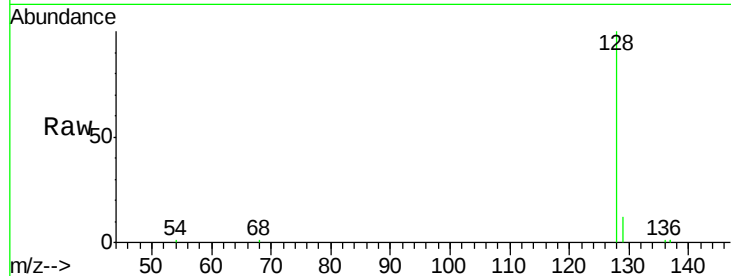
ClientSampleId :

B-59(FILL)-100317MSD

Tgt Ion:	128	Resp:	29714
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.61 ng/ul

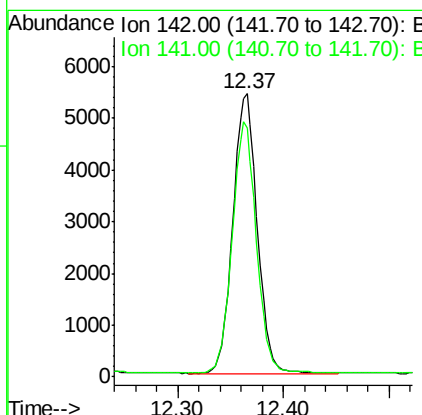
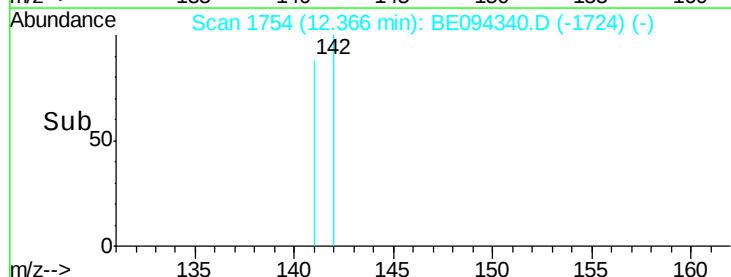
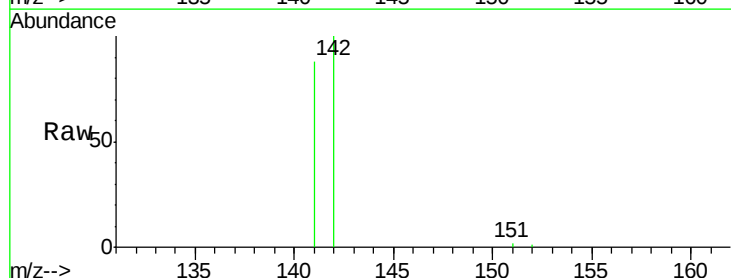
RT: 12.37 min Scan# 1754

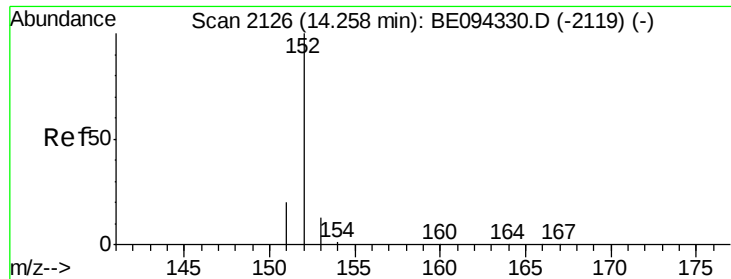
Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Tgt Ion:	142	Resp:	8679
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 1.04 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Instrument :

BNA_E

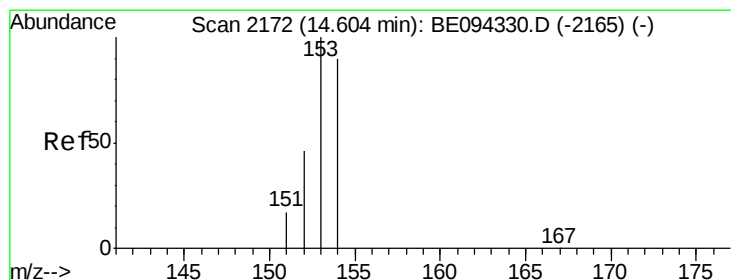
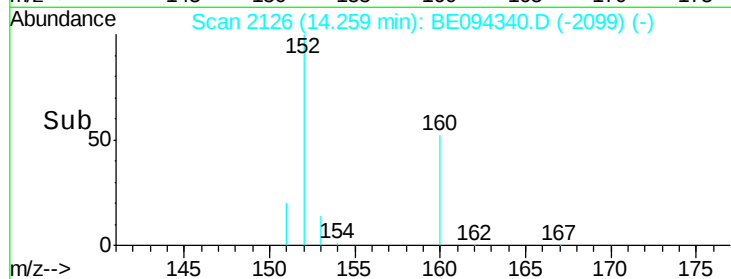
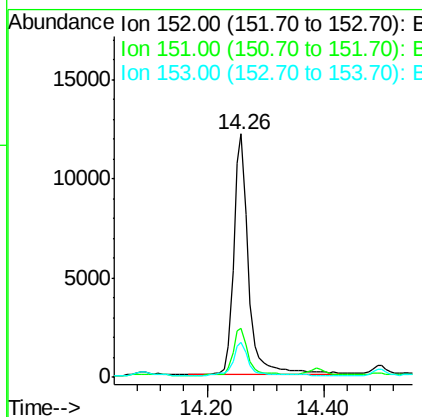
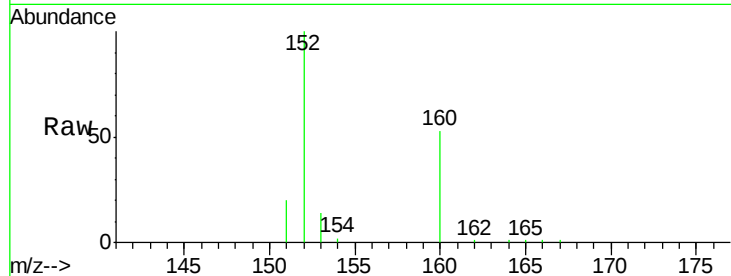
ClientSampleId :

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Tgt Ion:	152	Resp:	21904
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	14.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.68 ng/ul

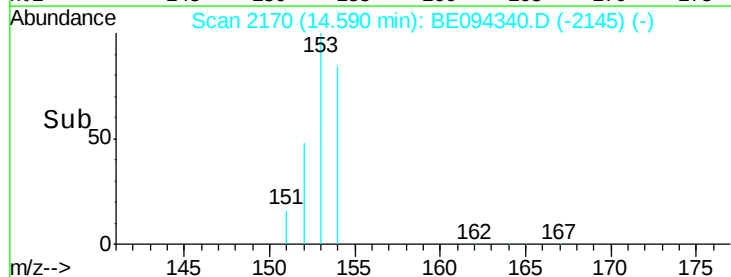
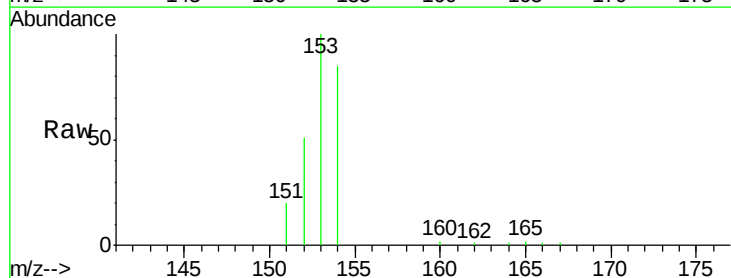
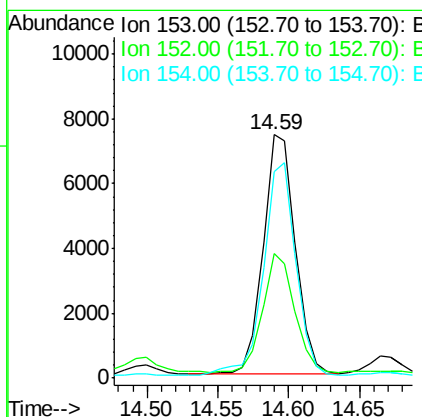
RT: 14.59 min Scan# 2170

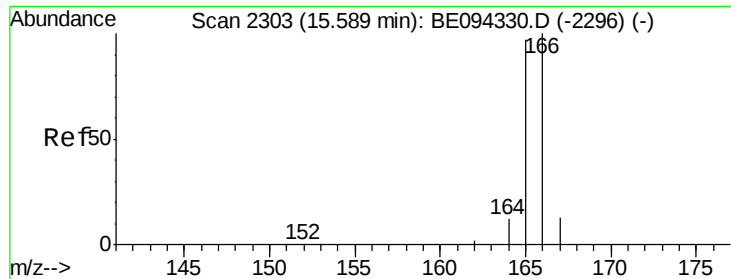
Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Tgt Ion:	153	Resp:	11811
Ion Ratio	Lower	Upper	
153	100		
152	51.0	40.3	60.5
154	84.9	71.4	107.2





#9

Fluorene

Concen: 0.46 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Instrument :

BNA_E

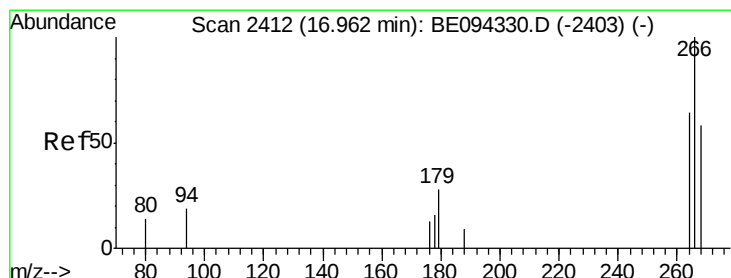
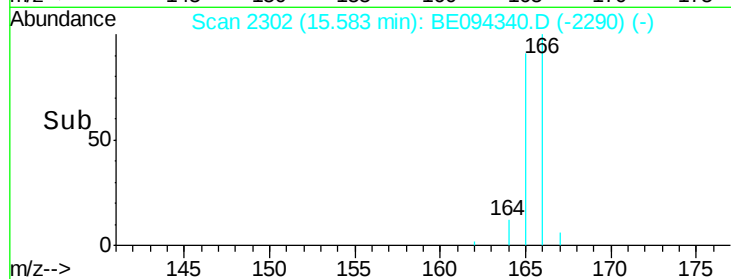
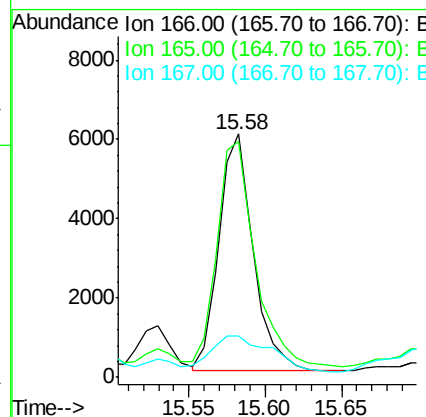
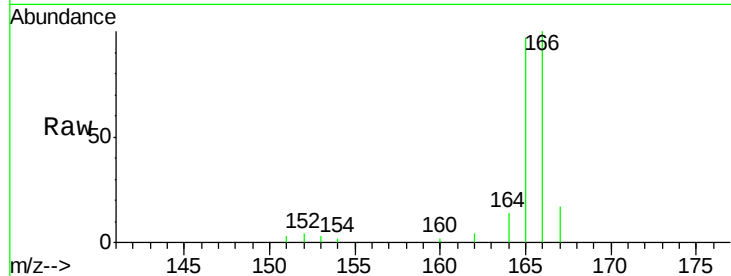
ClientSampleId :

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Tgt Ion:	166	Resp:	9369
Ion Ratio	Lower	Upper	
166	100		
165	97.0	73.4	110.2
167	17.0	14.6	22.0

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#11

Pentachlorophenol

Concen: 0.20 ng/ul

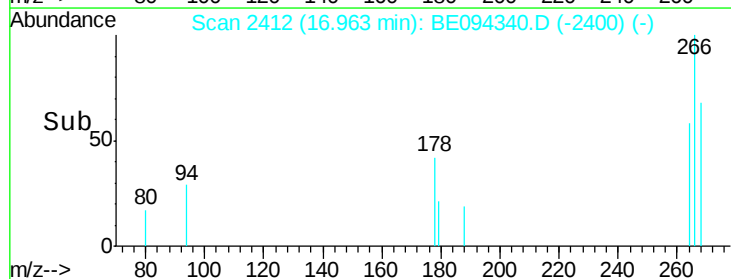
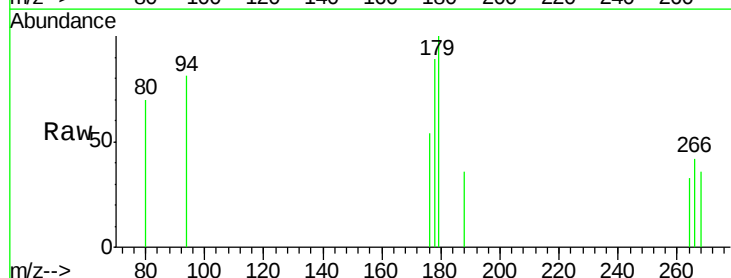
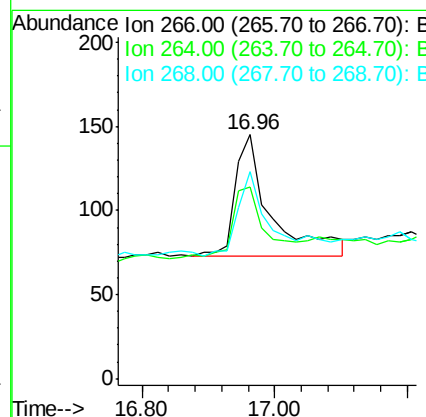
RT: 16.96 min Scan# 2412

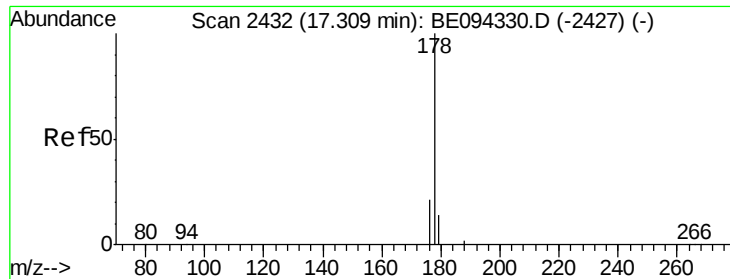
Delta R.T. 0.00 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Tgt Ion:	266	Resp:	267
Ion Ratio	Lower	Upper	
266	100		
264	73.0	47.9	71.9#
268	68.5	49.8	74.8





#12

Phenanthrene

Concen: 7.59 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Instrument :

BNA_E

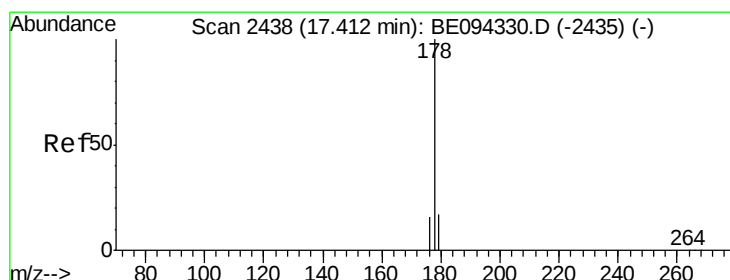
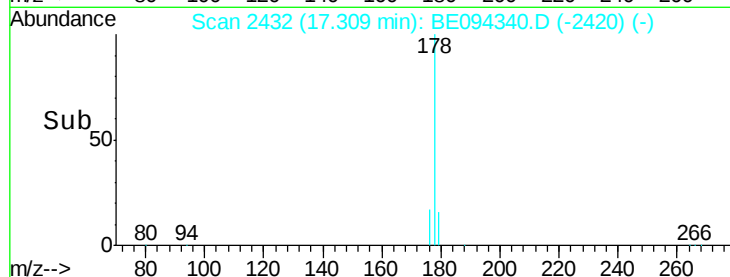
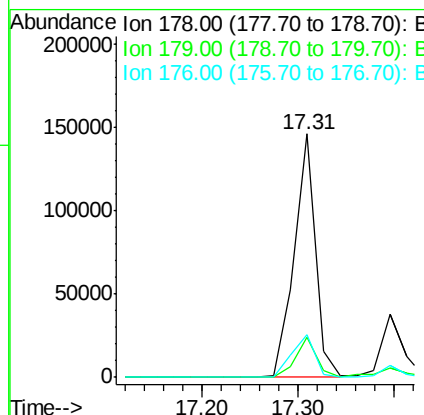
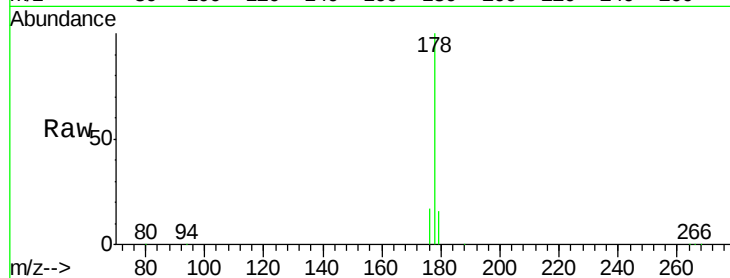
ClientSampleId :

B-59(FILL)-100317MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	17.4	13.6	20.4

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#13

Anthracene

Concen: 2.10 ng/ul

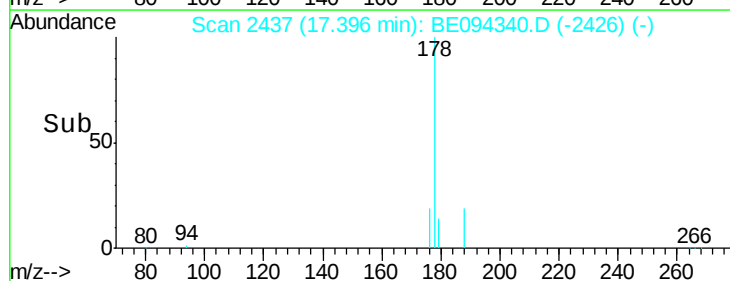
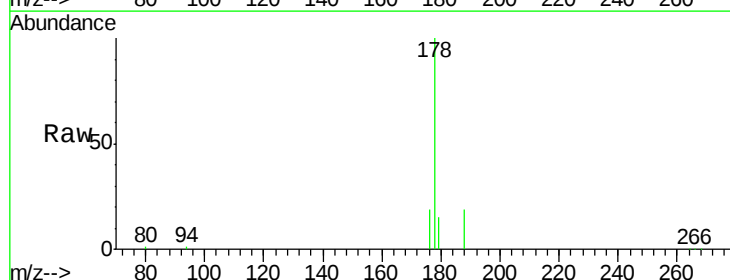
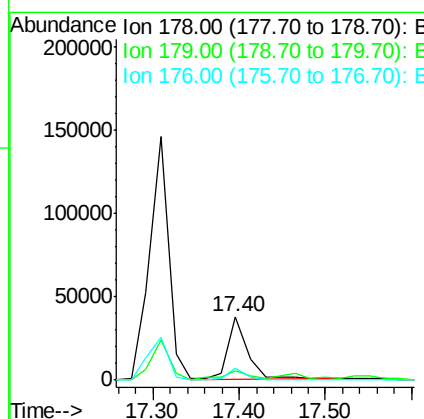
RT: 17.40 min Scan# 2437

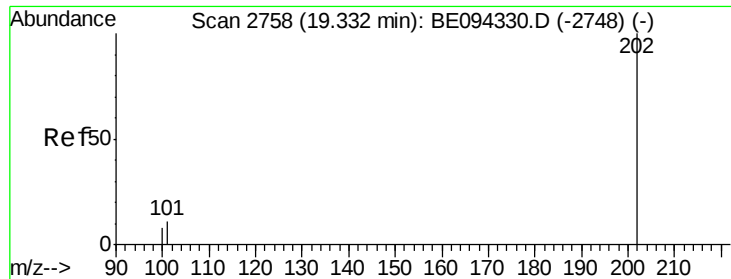
Delta R.T. -0.02 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.1	27.1#
176	19.0	14.7	22.1





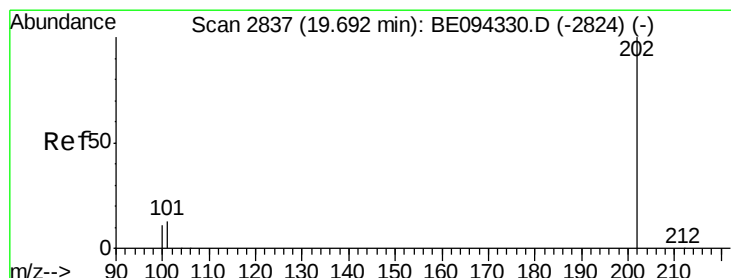
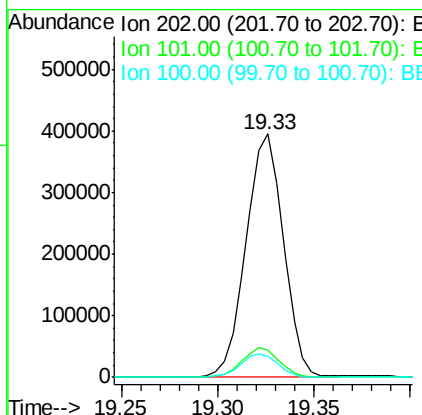
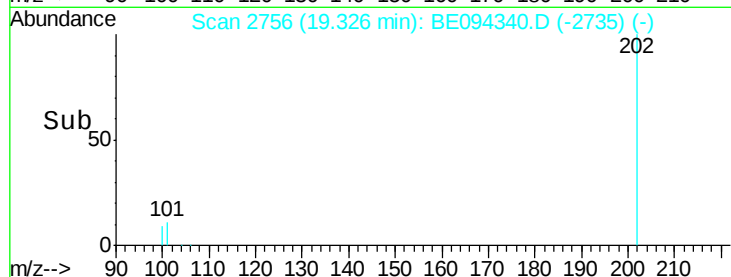
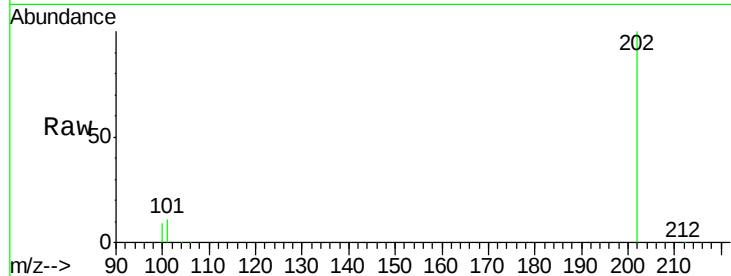
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Fluoranthene
 Concen: 13.71 ng/ul
 RT: 19.33 min Scan# 2756
 Delta R.T. -0.01 min
 Lab File: BE094340.D
 Acq: 14 Oct 2017 1:31

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	0.0	30.3
100	8.6	0.0	39.5

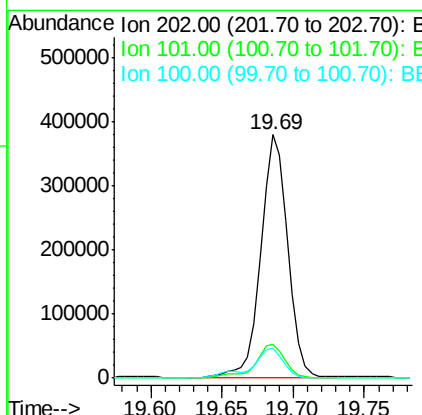
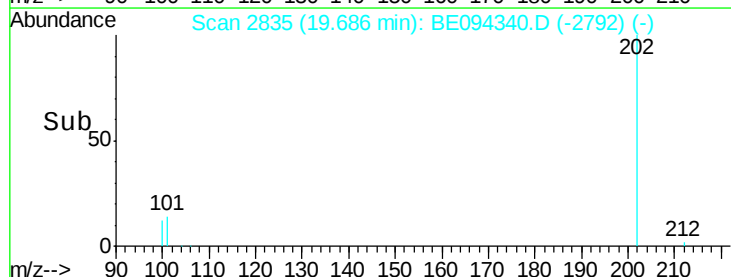
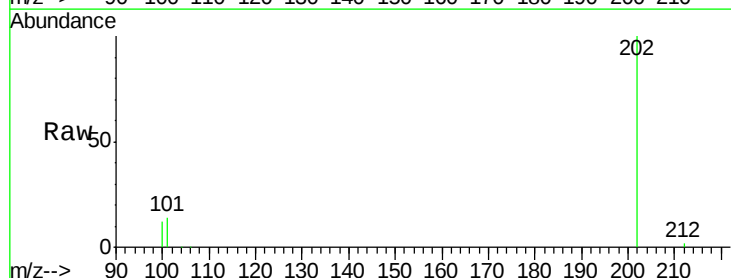
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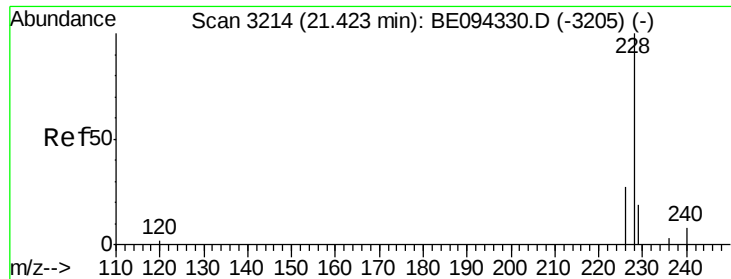
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#17
Pyrene
 Concen: 17.69 ng/ul
 RT: 19.69 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BE094340.D
 Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.0	18.2	27.4#
100	12.0	15.6	23.4#





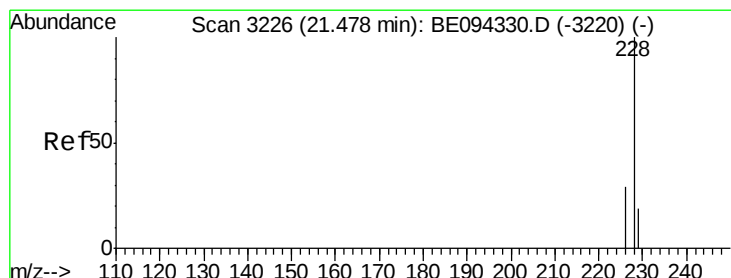
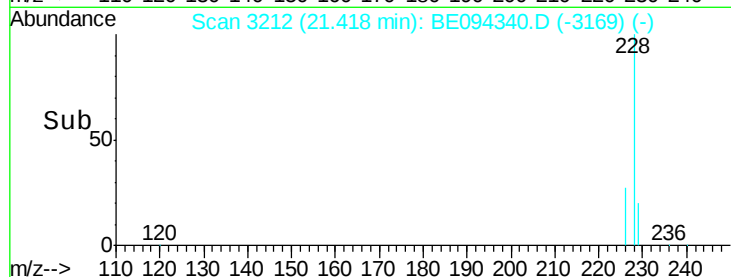
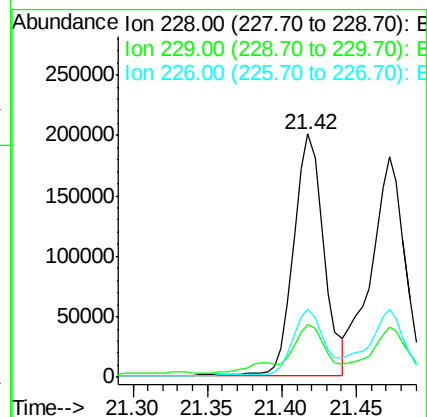
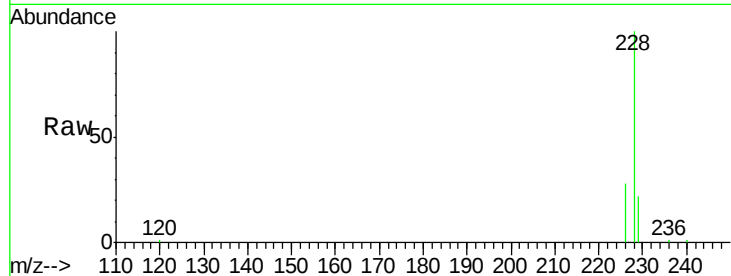
#18
Benzo(a)anthracene
Concen: 10.35 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. -0.01 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	27.9	17.0	25.6#

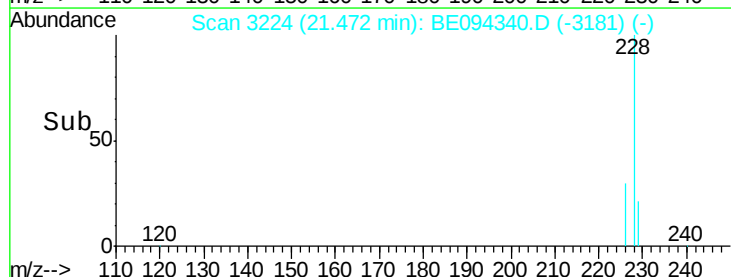
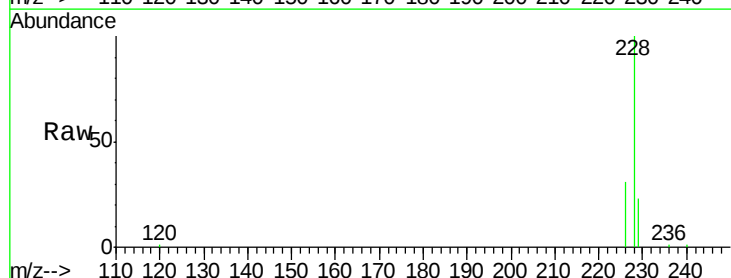
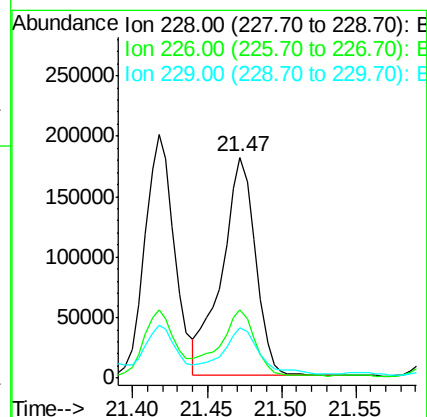
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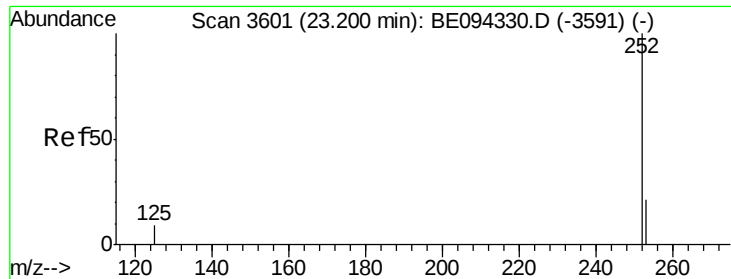
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#19
Chrysene
Concen: 9.10 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.8	17.7	26.5





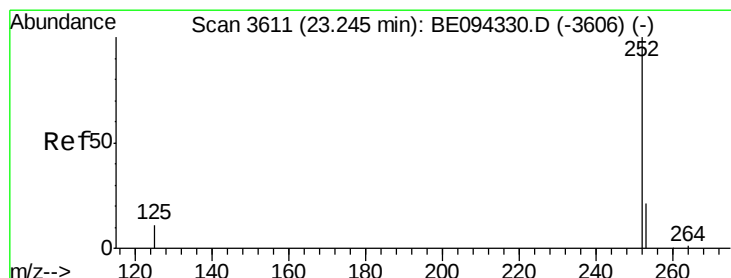
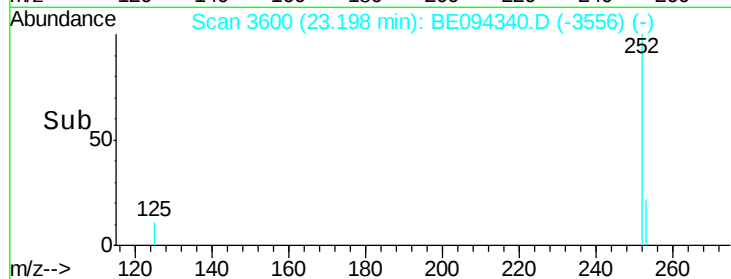
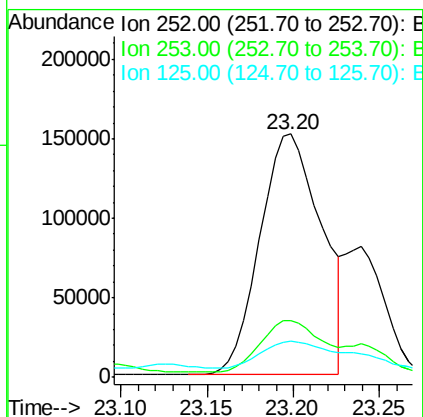
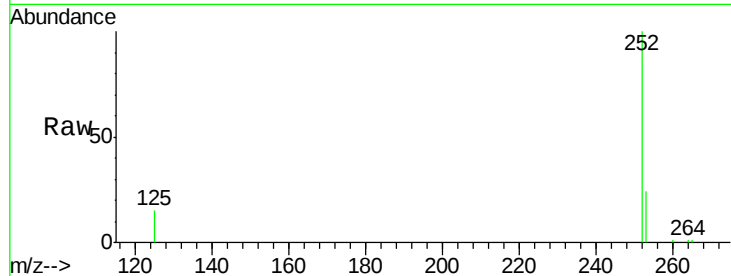
#21
Benzo(b)fluoranthene
Concen: 12.67 ng/u1
RT: 23.20 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.6	0.0	64.2
125	14.9	0.0	35.0

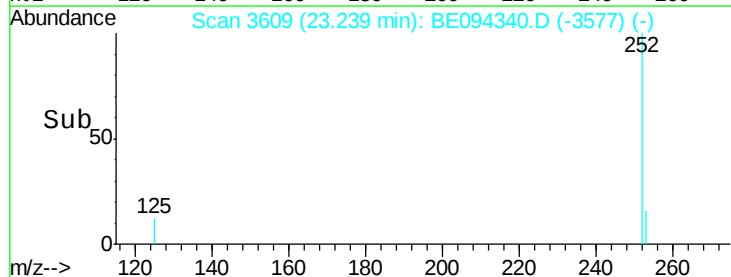
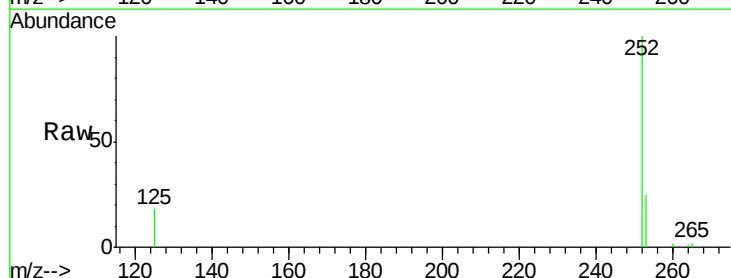
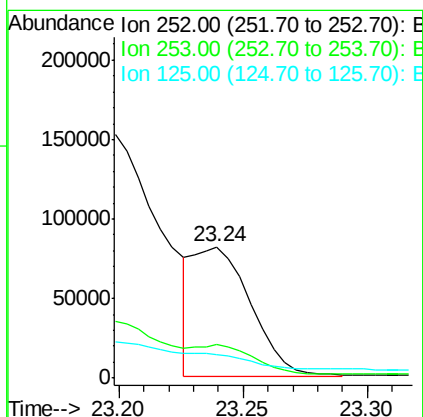
Manual Integrations
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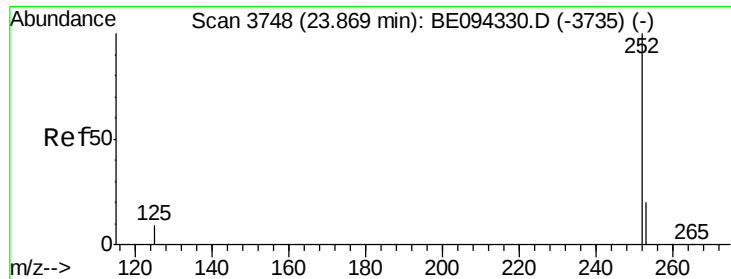
Sohil
10/16/2017 8:23:08 PM



#22
Benzo(k)fluoranthene
Concen: 3.87 ng/u1 m
RT: 23.24 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.4	24.5	36.7
125	18.2	13.7	20.5





#23

Benzo(a)pyrene

Concen: 8.03 ng/ul m

RT: 23.86 min Scan# 3746

Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Instrument :

BNA_E

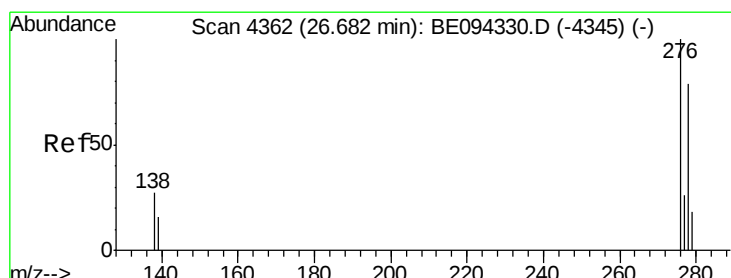
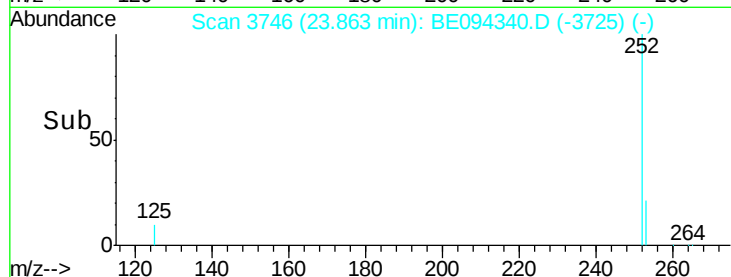
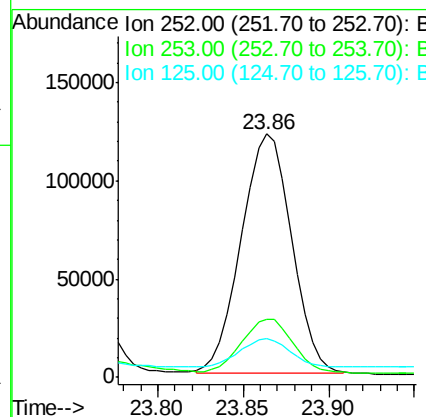
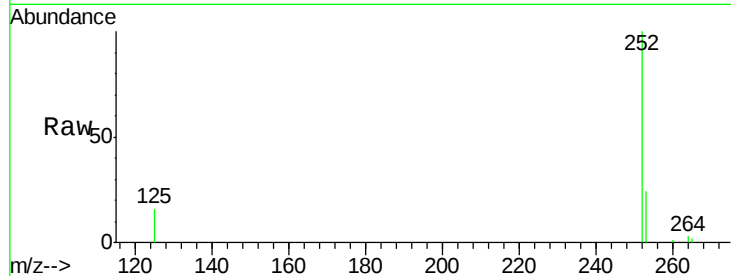
ClientSampleId :

B-59(FILL)-100317MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.0	28.5	42.7#
125	15.8	18.1	27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 5.94 ng/ul m

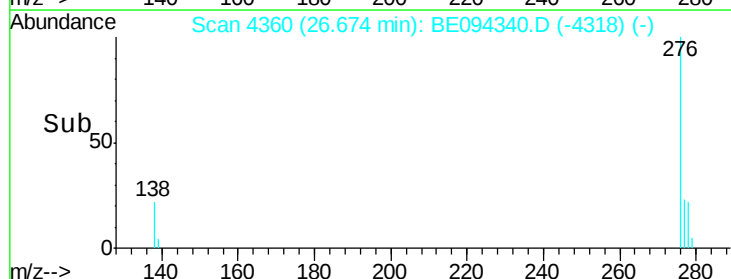
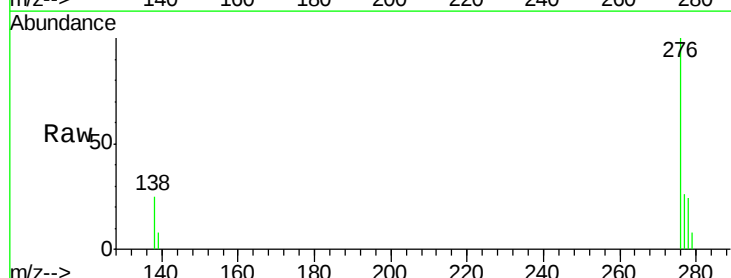
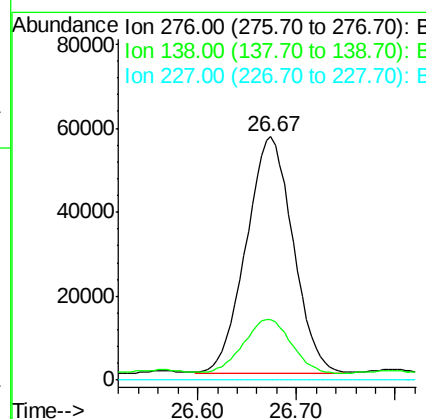
RT: 26.67 min Scan# 4360

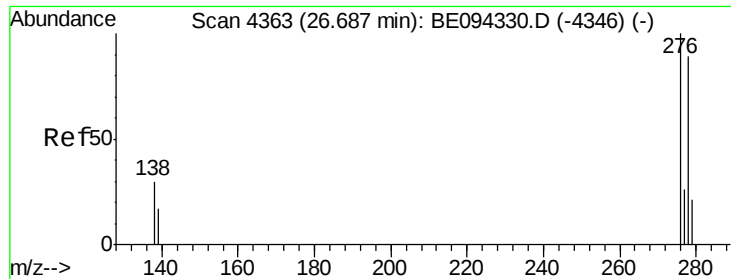
Delta R.T. -0.01 min

Lab File: BE094340.D

Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	0.5	28.0	42.0#
227	0.0	8.0	12.0#





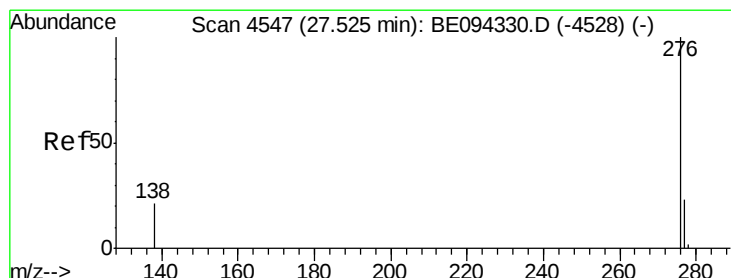
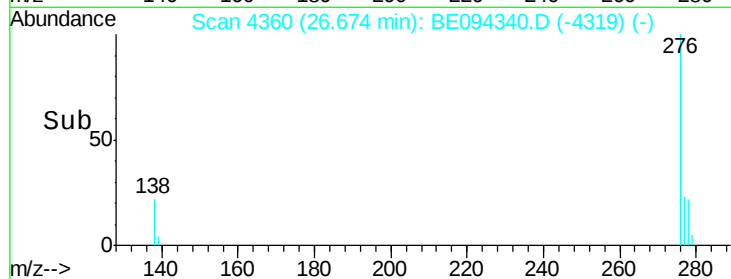
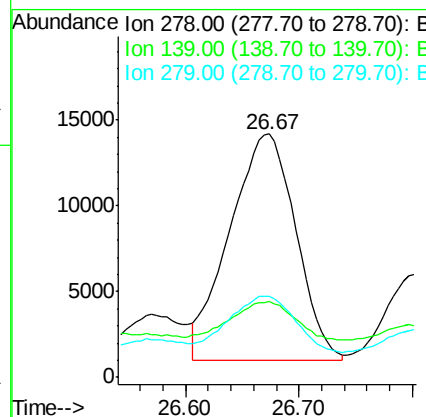
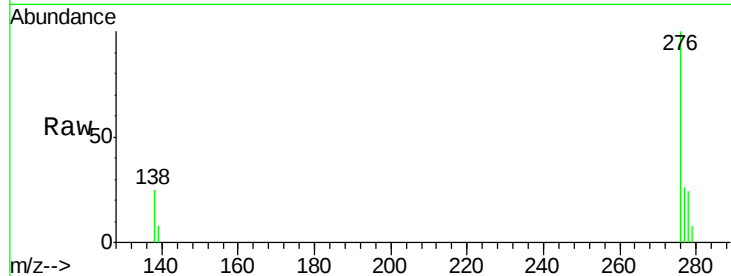
#25
Dibenzo(a,h)anthracene
Concen: 2.03 ng/ul m
RT: 26.67 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

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

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.0	17.4	26.0#
279	33.3	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 5.99 ng/ul m
RT: 27.52 min Scan# 4545
Delta R.T. -0.01 min
Lab File: BE094340.D
Acq: 14 Oct 2017 1:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.8
277	26.1	20.5	30.7

