

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
 Data File : BE094346.D
 Acq On : 14 Oct 2017 5:11
 Operator : SJ/JU
 Sample : I5649-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-39(0.5-1.5)-100317DL

Manual Integrations
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Quant Time: Oct 14 22:18:21 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 05:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1633	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8441	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4685	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9883	0.40	ng/ul	-0.02
16) Chrysene-d12	21.44	240	9908	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	10024	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1096	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2791	0.08	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.76	128	2514	0.12	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	716	0.05	ng/ul	98
7) Acenaphthylene	14.25	152	1311	0.07	ng/ul#	82
8) Acenaphthene	14.59	153	1007	0.07	ng/ul	97
9) Fluorene	15.58	166	1031	0.06	ng/ul#	91
12) Phenanthrene	17.31	178	31383	1.22	ng/ul#	93
13) Anthracene	17.40	178	7537	0.30	ng/ul	94
15) Fluoranthene	19.32	202	61403	1.81	ng/ul	84
17) Pyrene	19.68	202	66480	2.41	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	35573	1.35	ng/ul#	89
19) Chrysene	21.47	228	33830	1.11	ng/ul	93
21) Benzo(b)fluoranthene	23.19	252	38671m	1.42	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	13288m	0.42	ng/ul	
23) Benzo(a)pyrene	23.85	252	33272	1.18	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.66	276	20024	0.69	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.66	278	4796	0.20	ng/ul#	30
26) Benzo(g,h,i)perylene	27.49	276	18573	0.74	ng/ul#	84

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

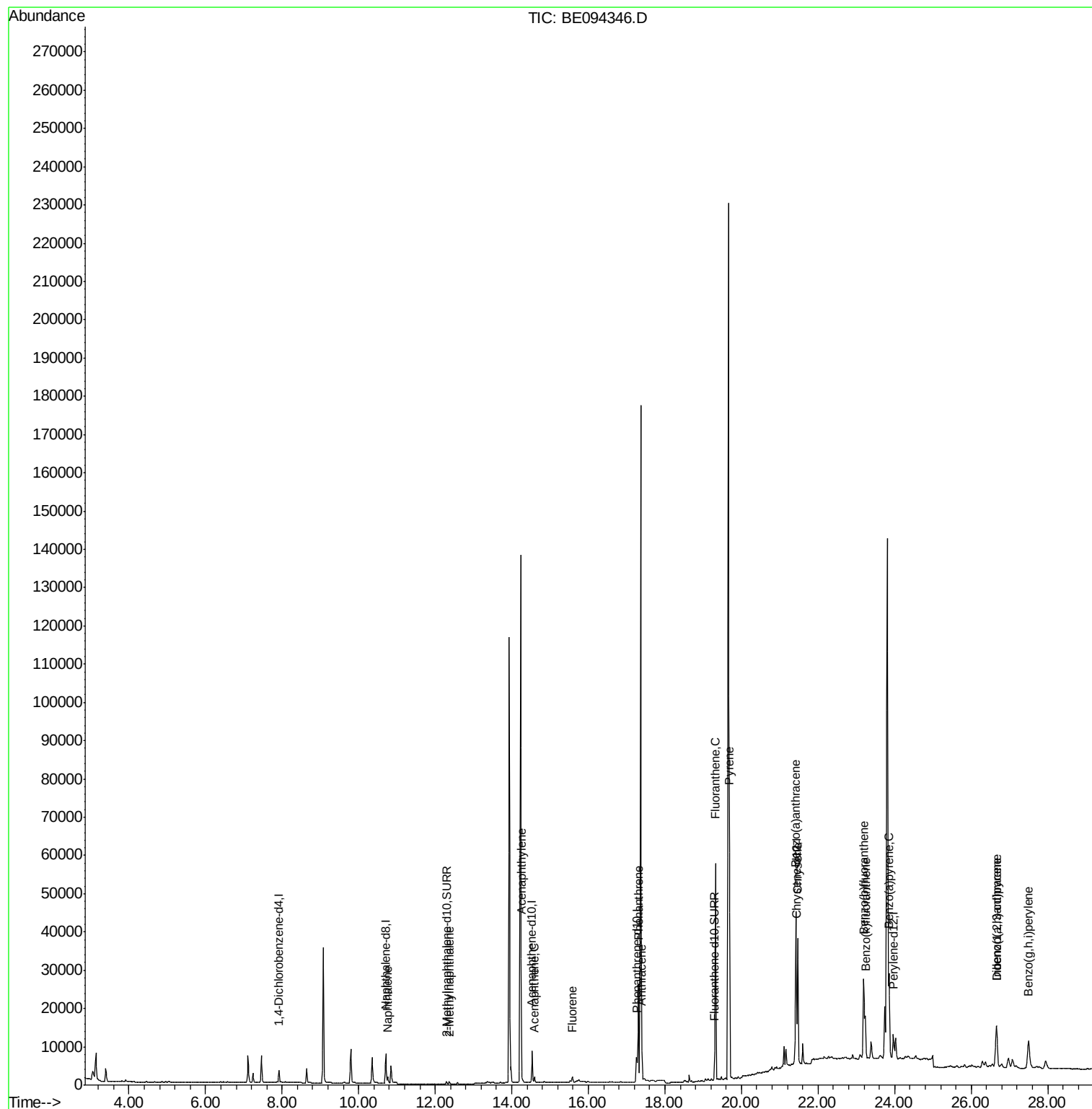
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101317\
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ALS Vial : 26 Sample Multiplier: 1

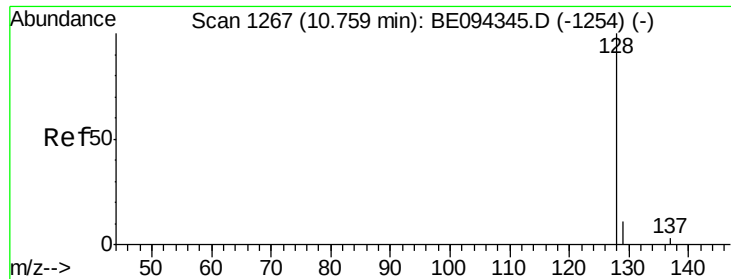
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QLast Update : Sat Oct 14 05:22:31 2017
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#3

Naphthalene

Concen: 0.12 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Instrument :

BNA_E

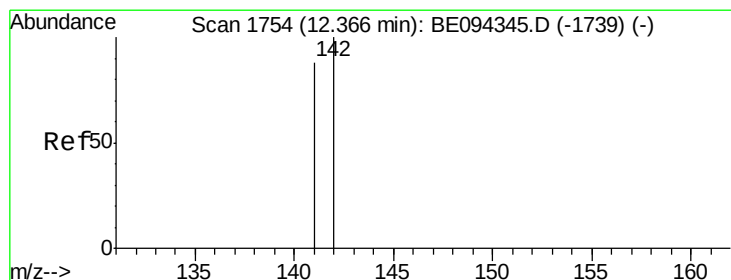
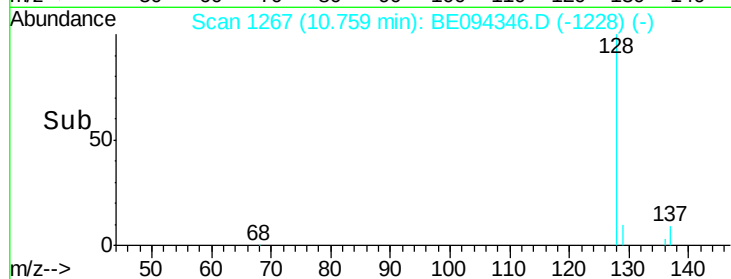
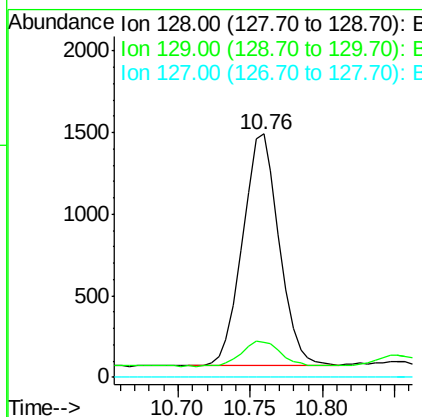
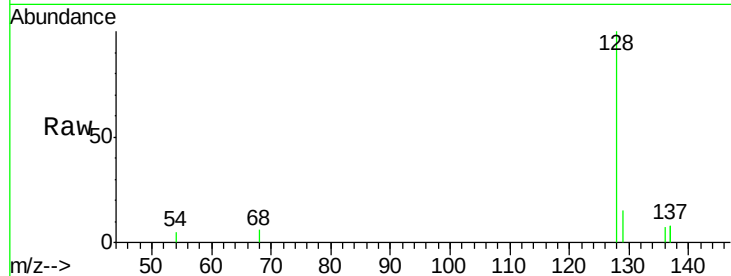
ClientSampleId :

B-39(0.5-1.5)-100317DL

Tgt Ion:	128	Resp:	2514
Ion Ratio	Lower	Upper	
128	100		
129	14.6	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

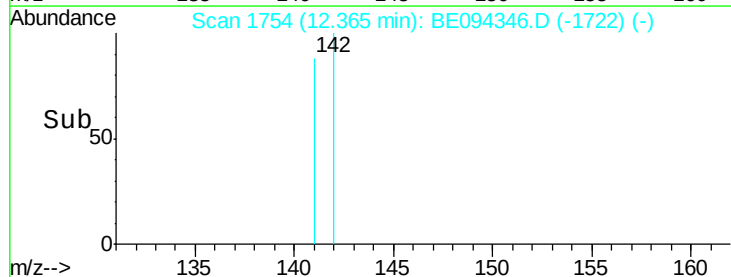
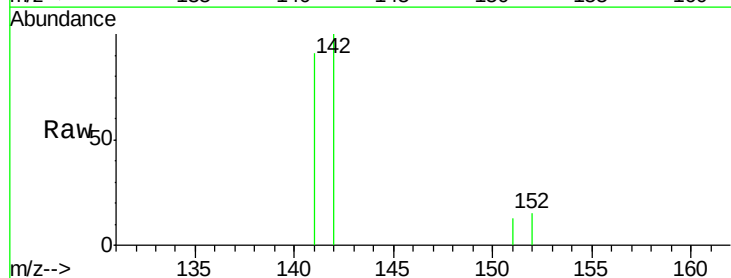
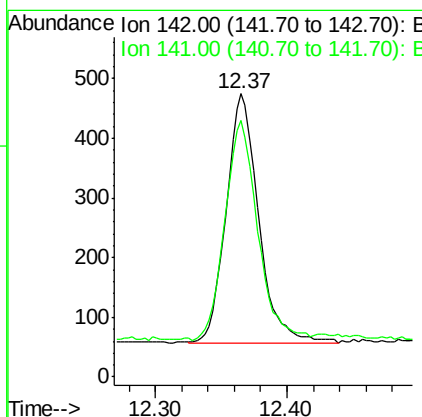
RT: 12.37 min Scan# 1754

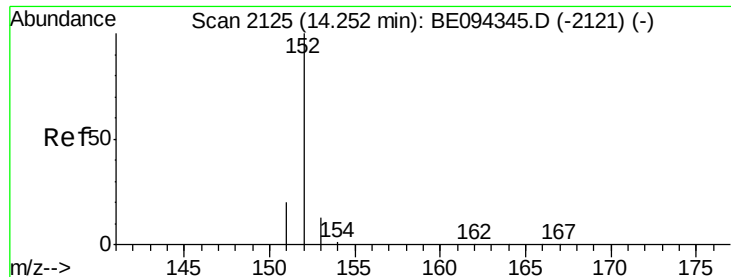
Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Tgt Ion:	142	Resp:	716
Ion Ratio	Lower	Upper	
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.07 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Instrument :

BNA_E

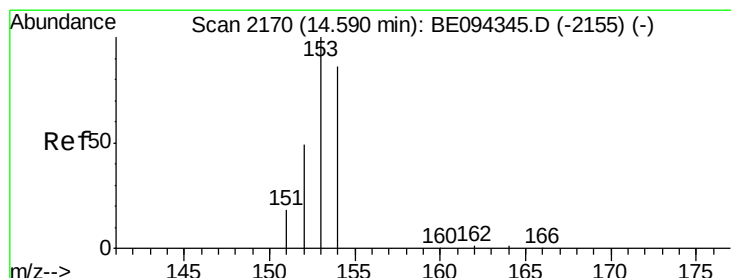
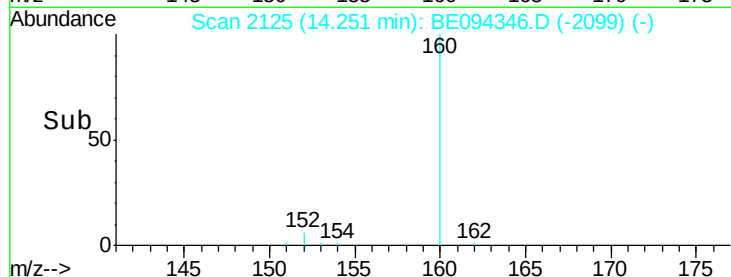
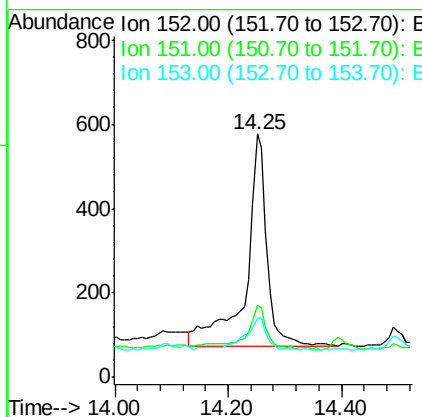
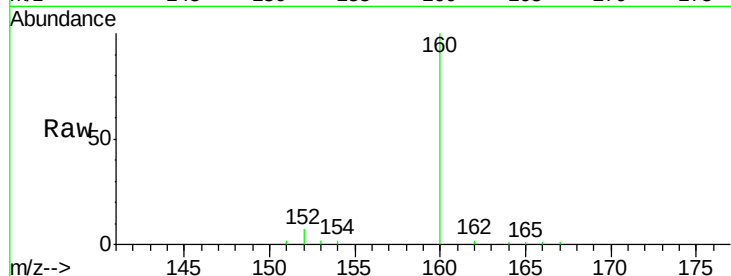
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	29.5	17.1	25.7#
153	24.6	12.8	19.2#

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#8

Acenaphthene

Concen: 0.07 ng/ul

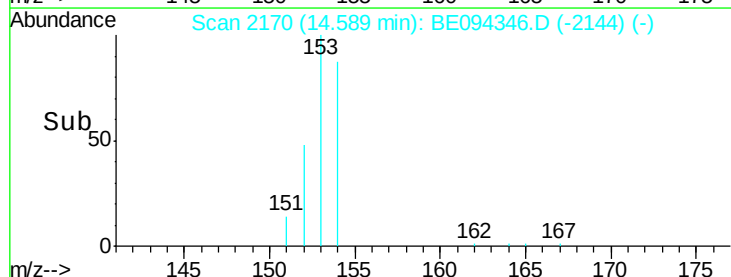
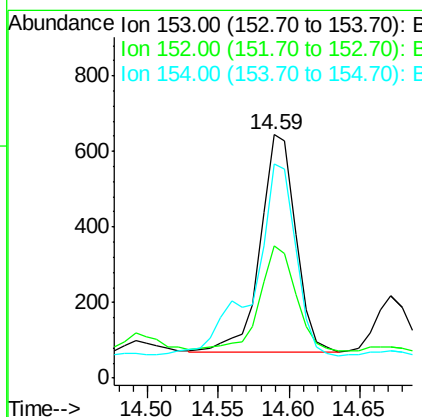
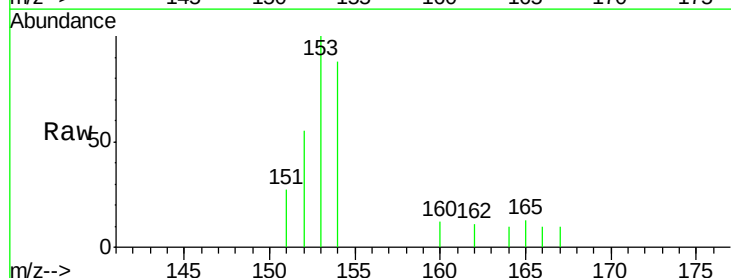
RT: 14.59 min Scan# 2170

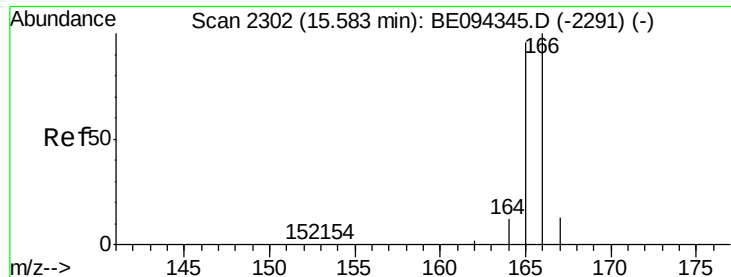
Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	54.5	40.3	60.5
154	88.0	71.4	107.2





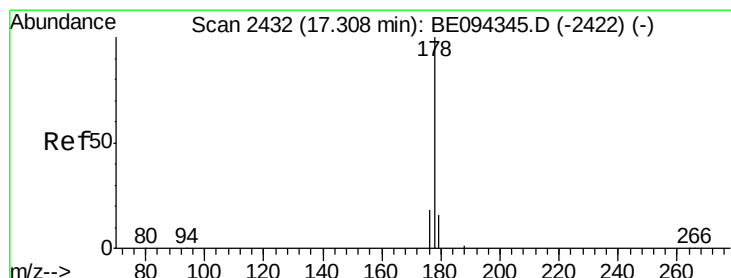
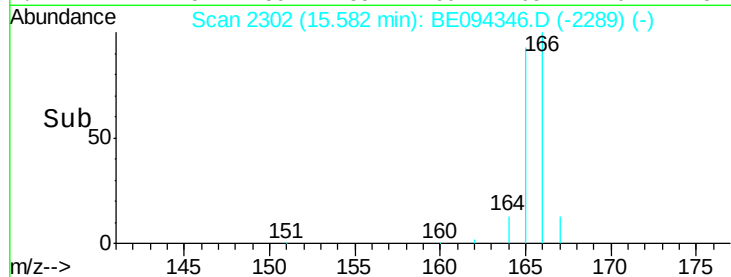
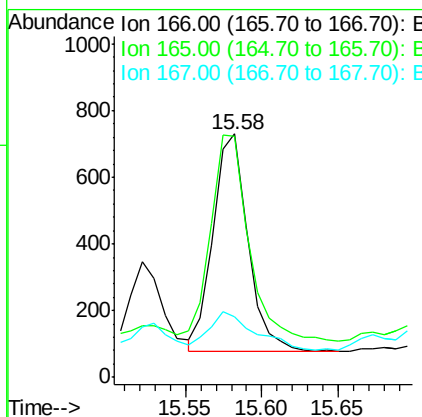
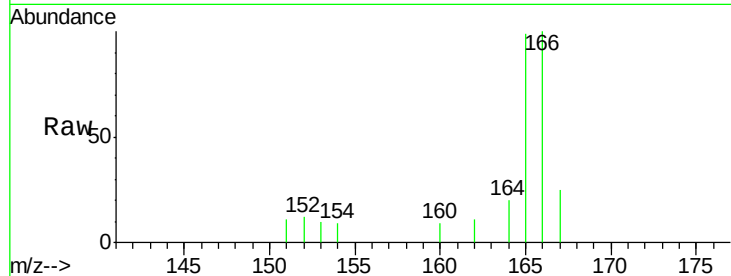
#9
Fluorene
 Concen: 0.06 ng/ul
 RT: 15.58 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	24.9	14.6	22.0

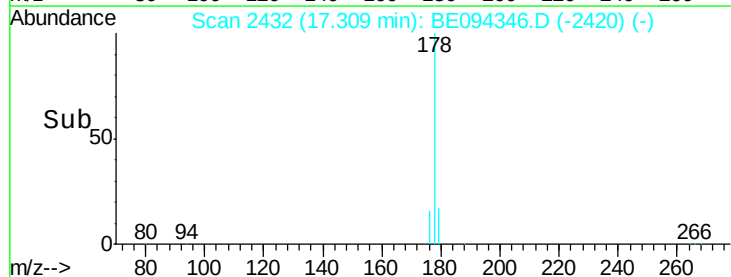
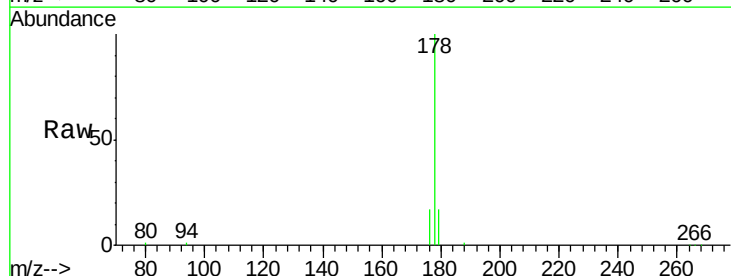
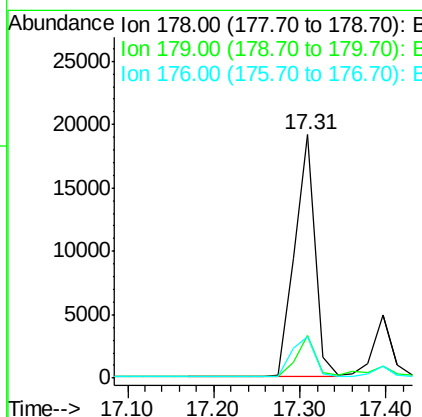
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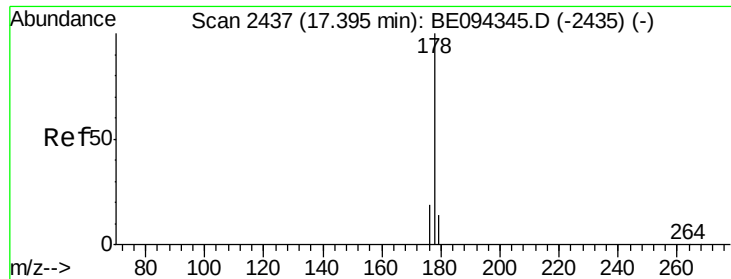
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#12
Phenanthrene
 Concen: 1.22 ng/ul
 RT: 17.31 min Scan# 2432
 Delta R.T. 0.00 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6
176	16.8	13.6	20.4





#13

Anthracene

Concen: 0.30 ng/ul

RT: 17.40 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Instrument :

BNA_E

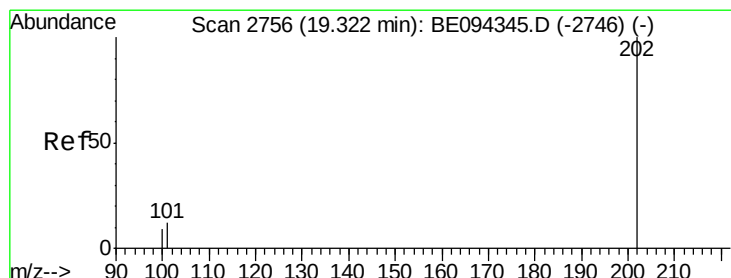
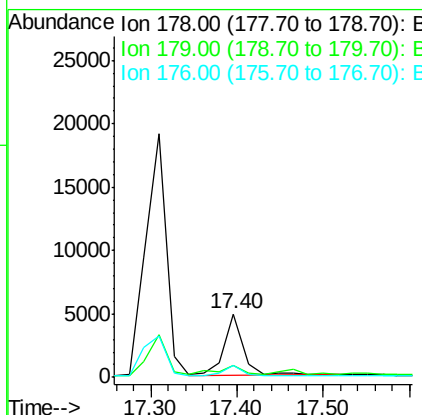
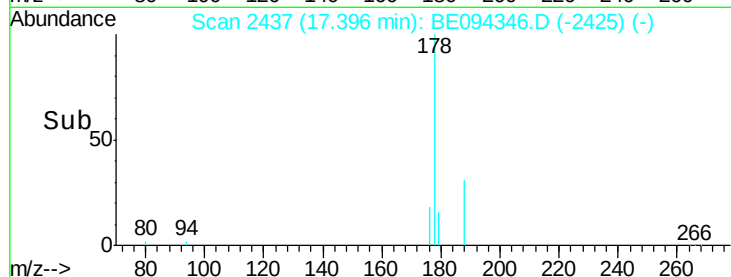
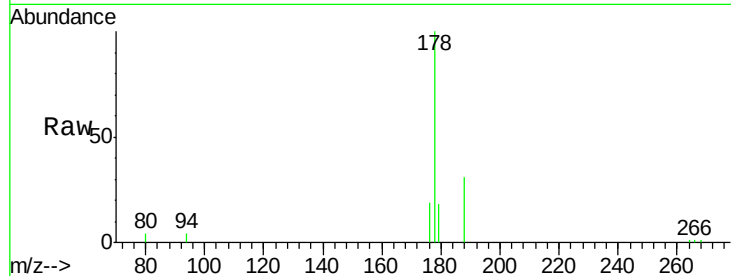
ClientSampleId :

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Tgt Ion:	178	Resp:	7537
Ion Ratio	Lower	Upper	
178	100		
179	18.3	18.1	27.1
176	19.1	14.7	22.1

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#15

Fluoranthene

Concen: 1.81 ng/ul

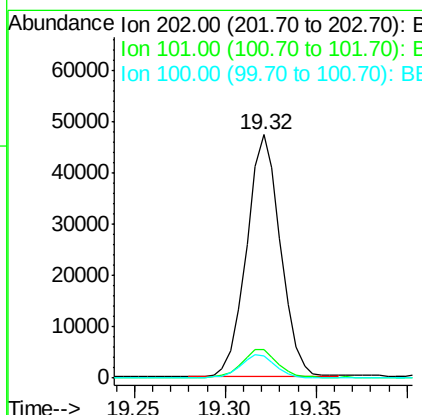
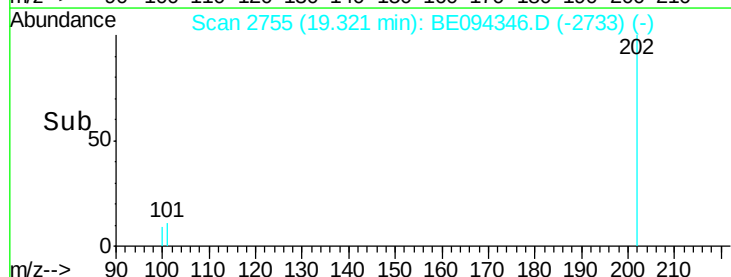
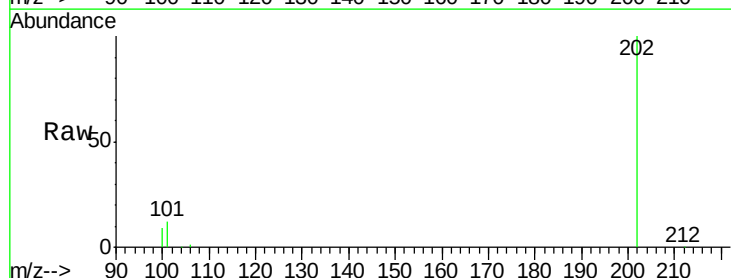
RT: 19.32 min Scan# 2755

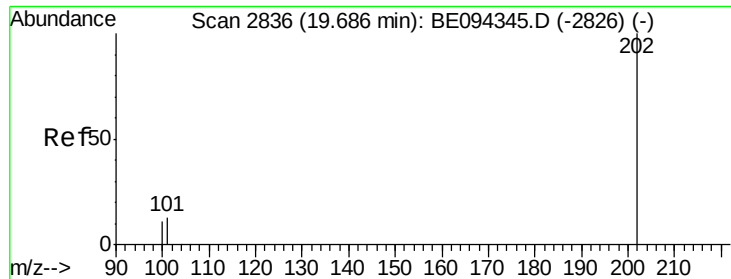
Delta R.T. -0.00 min

Lab File: BE094346.D

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Tgt Ion:	202	Resp:	61403
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5





#17

Pyrene

Concen: 2.41 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Instrument :

BNA_E

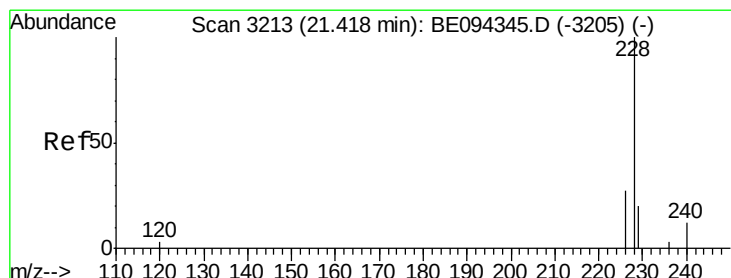
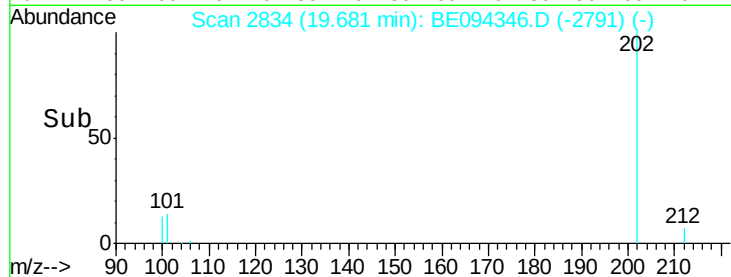
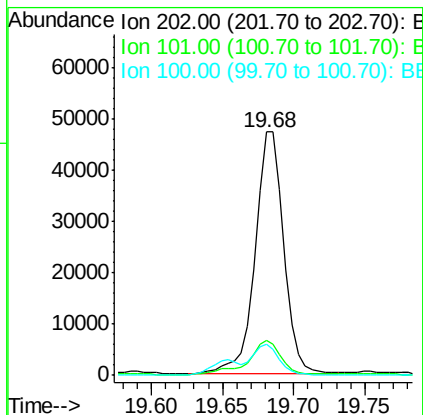
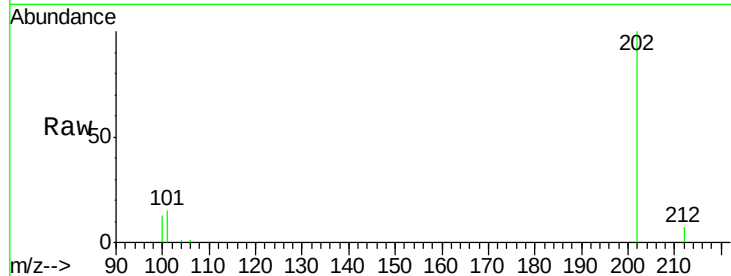
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Tgt Ion:	202	Resp:	66480
Ion Ratio	Lower	Upper	
202	100		
101	14.6	18.2	27.4#
100	12.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.35 ng/ul

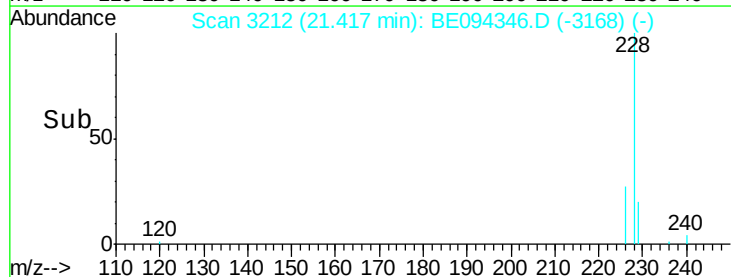
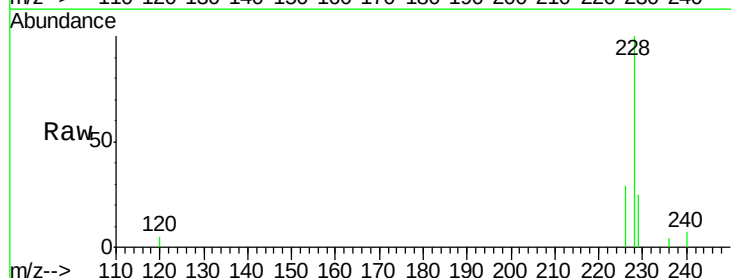
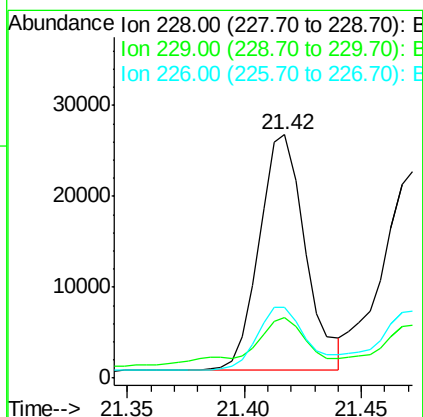
RT: 21.42 min Scan# 3212

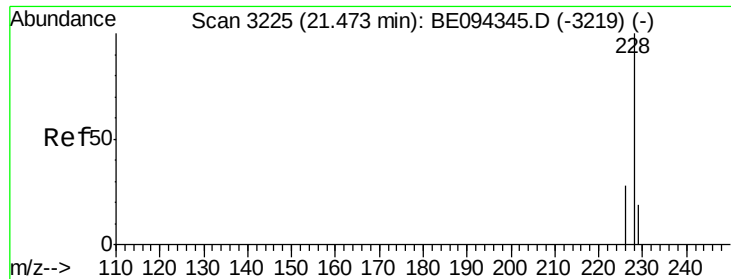
Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Tgt Ion:	228	Resp:	35573
Ion Ratio	Lower	Upper	
228	100		
229	24.6	22.8	34.2
226	29.1	17.0	25.6#





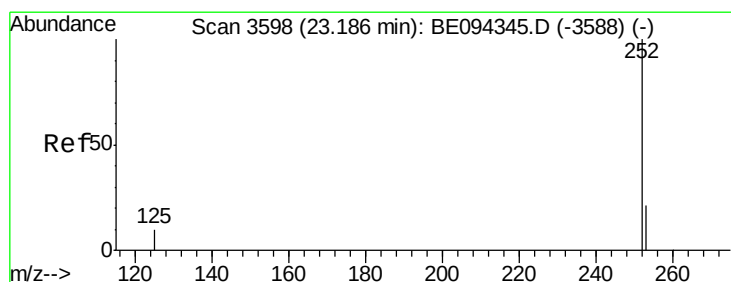
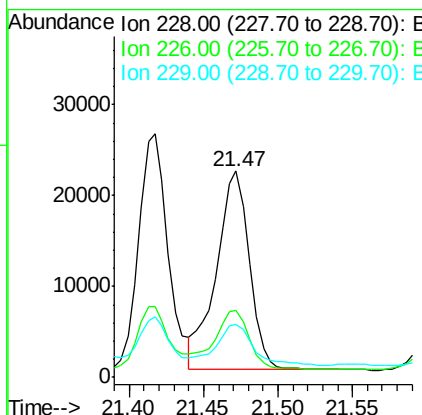
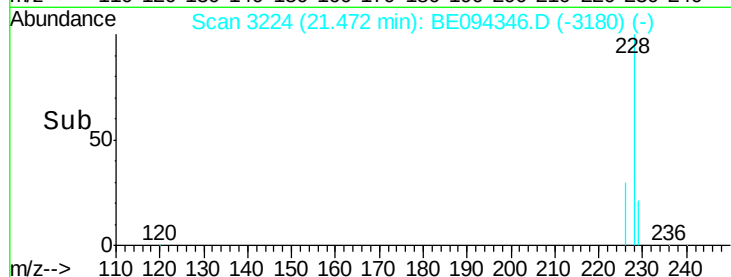
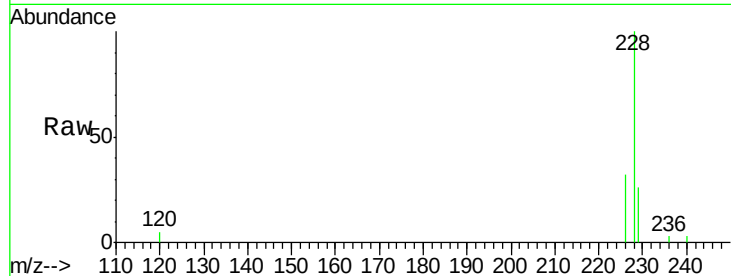
#19
Chrysene
 Concen: 1.11 ng/ul
 RT: 21.47 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BE094346.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.0
229	26.0	17.7	26.5

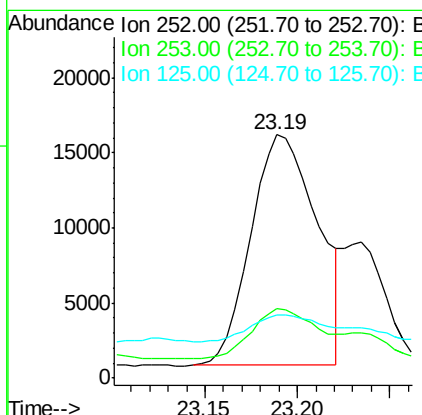
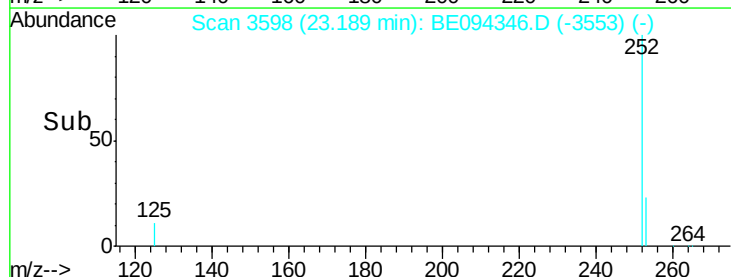
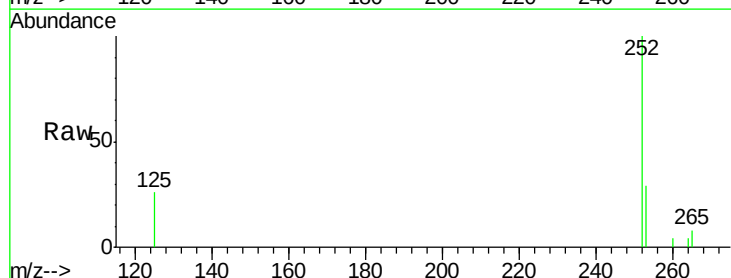
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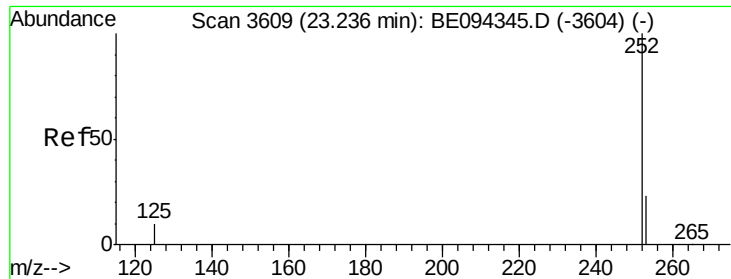
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#21
Benzo(b)fluoranthene
 Concen: 1.42 ng/ul m
 RT: 23.19 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	64.2
125	25.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.42 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. -0.00 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Instrument :

BNA_E

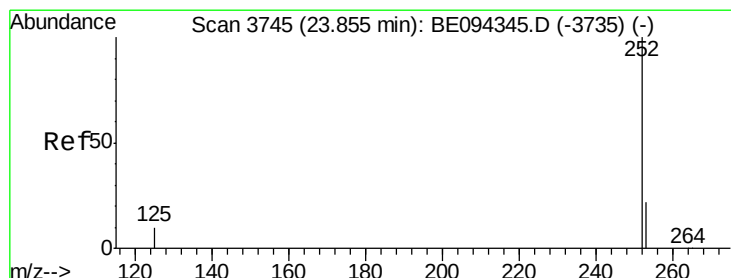
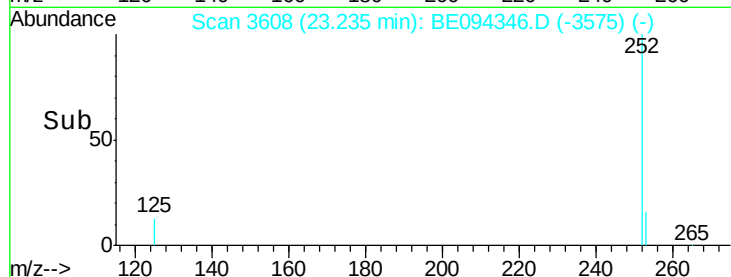
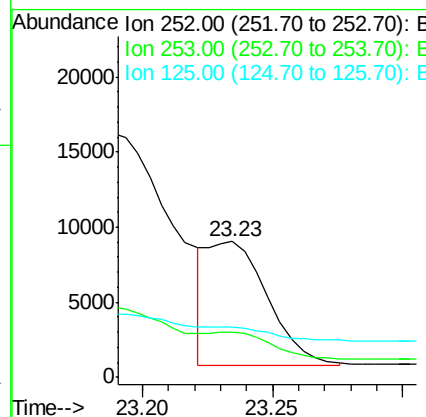
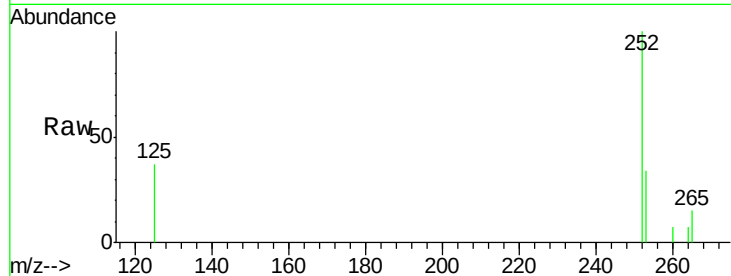
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Tgt Ion:	252	Resp:	13288
Ion Ratio	Lower	Upper	
252	100		
253	33.6	24.5	36.7
125	37.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.18 ng/ul

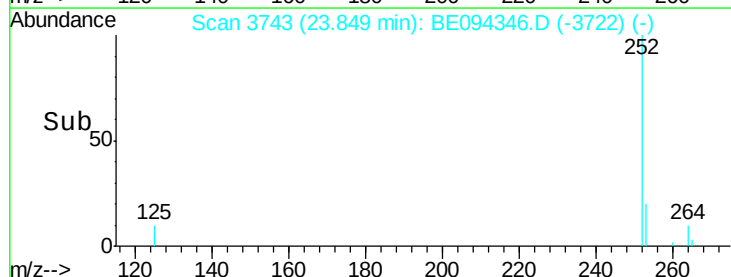
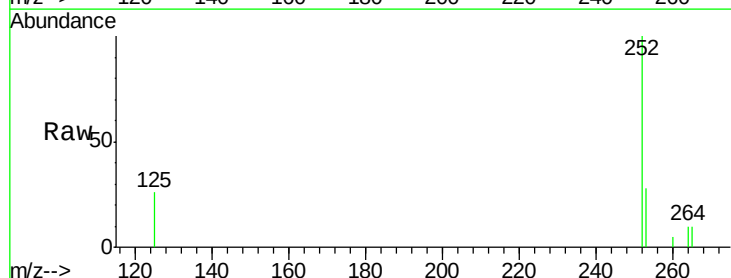
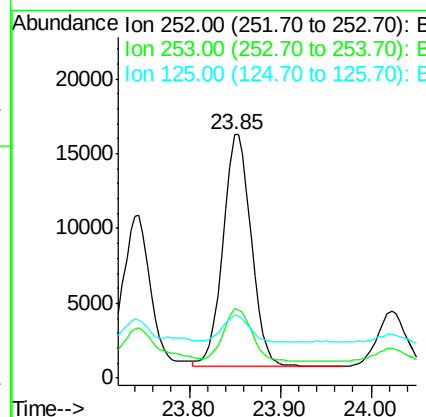
RT: 23.85 min Scan# 3743

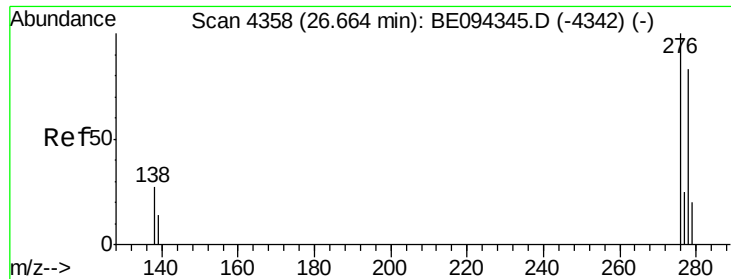
Delta R.T. -0.01 min

Lab File: BE094346.D

Acq: 14 Oct 2017 5:11

Tgt Ion:	252	Resp:	33272
Ion Ratio	Lower	Upper	
252	100		
253	28.3	28.5	42.7#
125	26.1	18.1	27.1





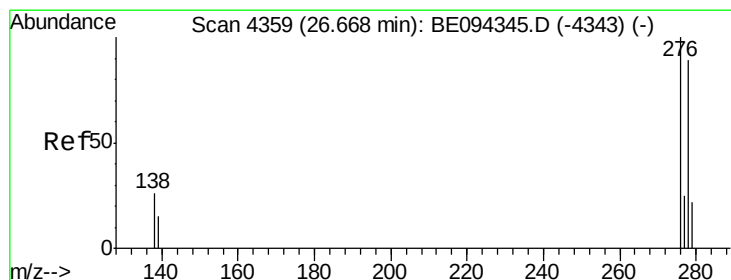
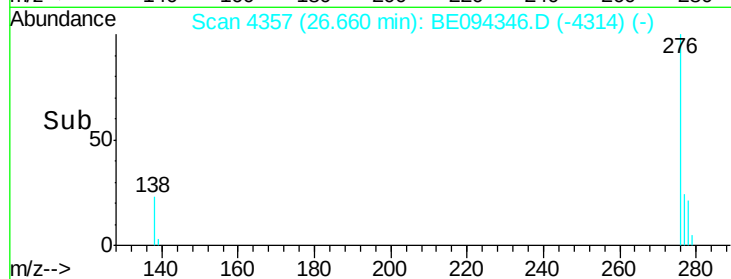
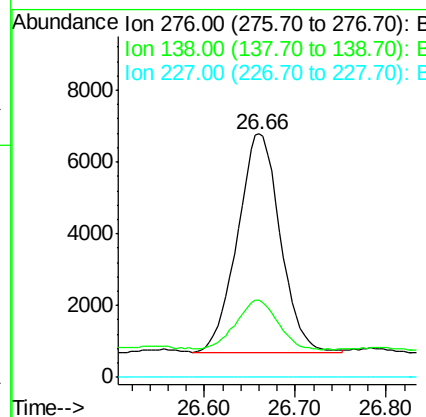
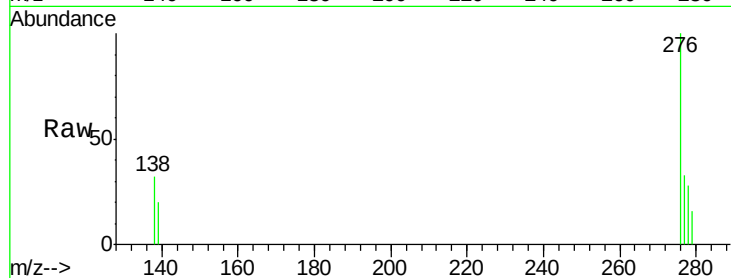
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.69 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.00 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

Instrument :
 BNA_E
 ClientSampleId :
 B-39(0.5-1.5)-100317DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	28.0	42.0#
227	0.0	8.0	12.0#

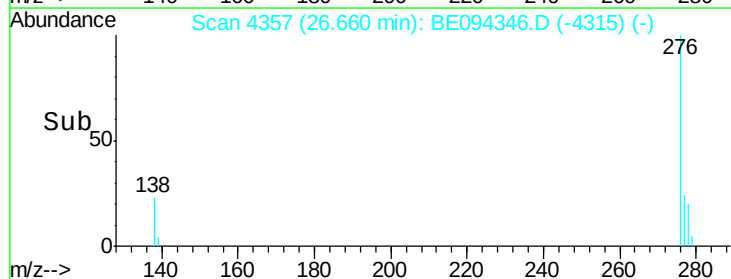
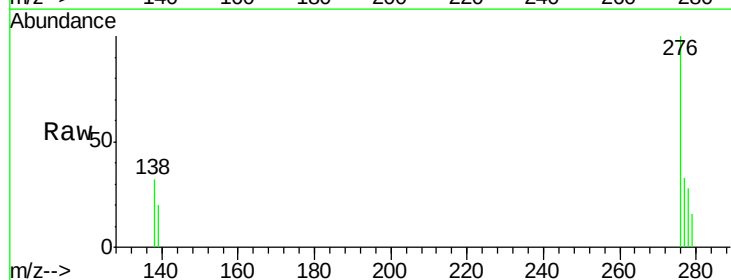
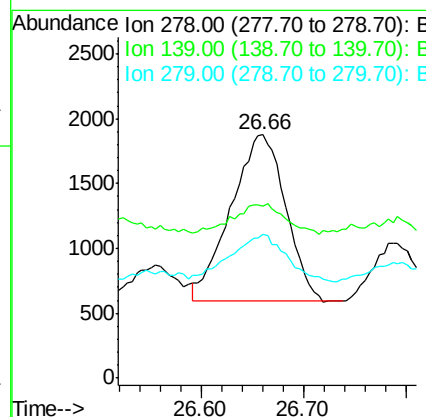
Manual Integrations
 APPROVED

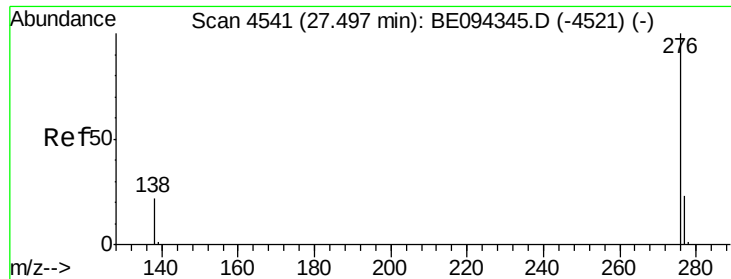
Sohil
 10/16/2017 8:23:20 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.20 ng/ul
 RT: 26.66 min Scan# 4357
 Delta R.T. -0.01 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	70.7	17.4	26.0#
279	59.0	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.74 ng/ul
 RT: 27.49 min Scan# 4540
 Delta R.T. -0.00 min
 Lab File: BE094346.D
 Acq: 14 Oct 2017 5:11

Instrument :
 BNA_E
 ClientSampleId :
 B-39(0.5-1.5)-100317DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	34.4	21.8	32.8#
277	34.6	20.5	30.7#

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:23:20 PM

