

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
 Data File : BE094756.D
 Acq On : 6 Nov 2017 16:51
 Operator : SJ/JU
 Sample : I6150-08 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-78(5-7)-102517

Manual Integrations
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 11/7/2017 5:41:42 PM

Quant Time: Nov 07 11:34:52 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 01:37:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1315	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7673	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9420	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9044	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9396	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	411	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	963	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	23663	1.261	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	5196	0.396	ng/ul	98
7) Acenaphthylene	14.24	152	2265	0.111	ng/ul#	84
8) Acenaphthene	14.57	153	23418	1.604	ng/ul	97
9) Fluorene	15.57	166	25463	1.553	ng/ul#	96
12) Phenanthrene	17.29	178	263239	10.580	ng/ul#	90
13) Anthracene	17.38	178	60682	2.471	ng/ul#	91
15) Fluoranthene	19.31	202	415187	14.433	ng/ul	82
17) Pyrene	19.67	202	390215	13.957	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	183585	7.101	ng/ul#	89
19) Chrysene	21.47	228	178160	6.667	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	206966m	7.831	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	74375m	2.626	ng/ul	
23) Benzo(a)pyrene	23.86	252	150220	5.686	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.68	276	75736	2.770	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.68	278	17748	0.770	ng/ul#	84
26) Benzo(g,h,i)perylene	27.54	276	62071	2.828	ng/ul	95

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

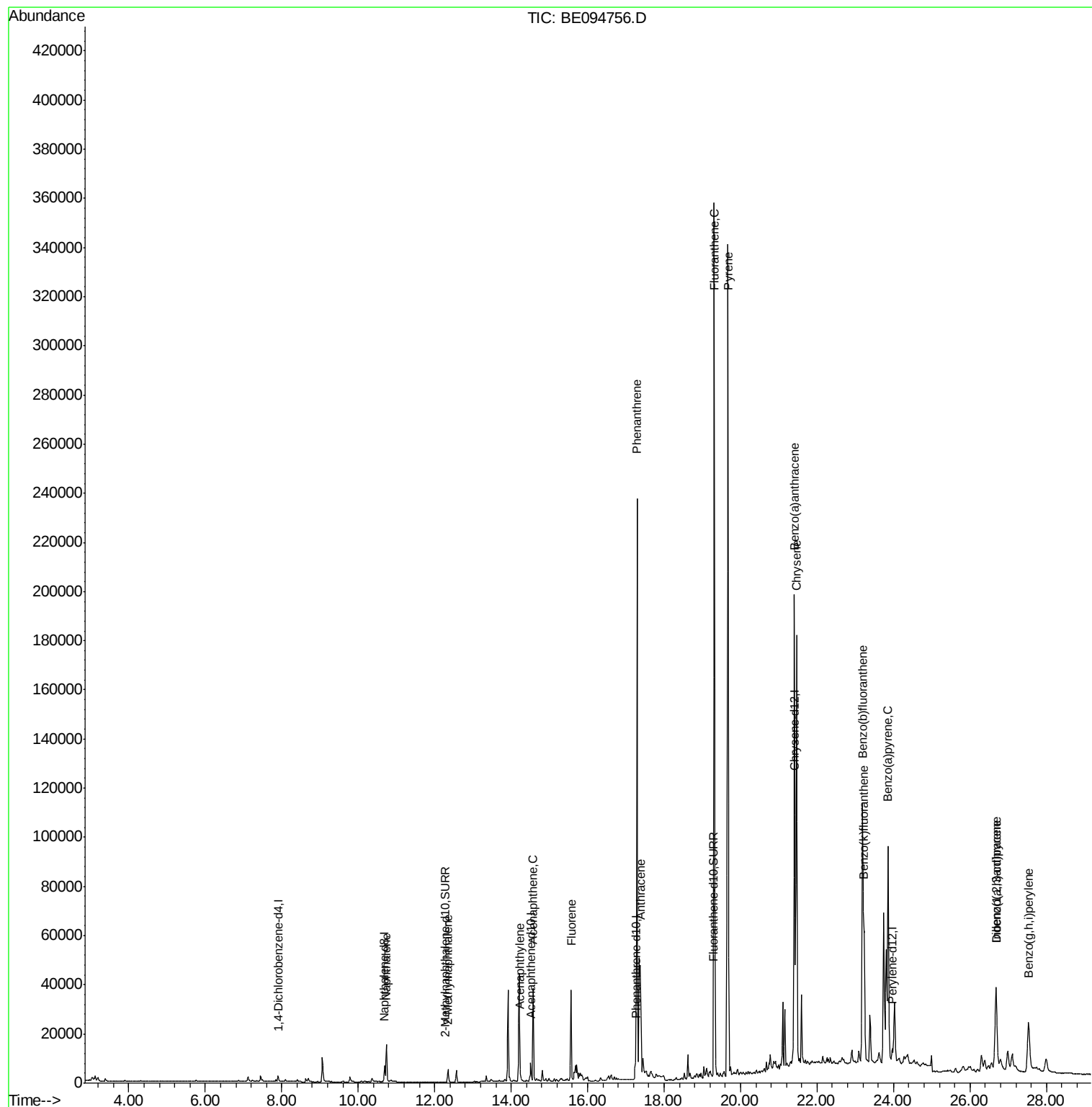
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110617\
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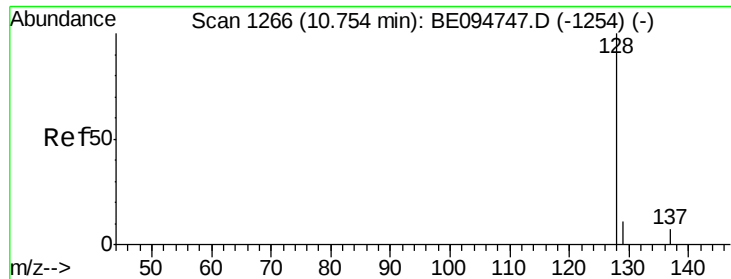
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QLast Update : Tue Nov 07 01:37:48 2017
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#3

Naphthalene

Concen: 1.261 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BE094756.D

Acq: 6 Nov 2017 16:51

Instrument :

BNA_E

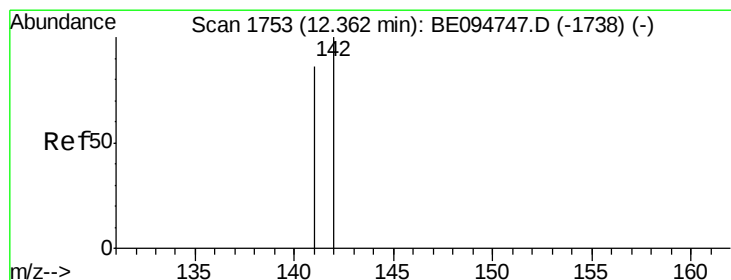
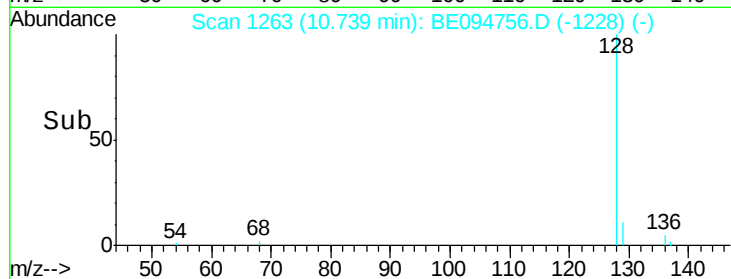
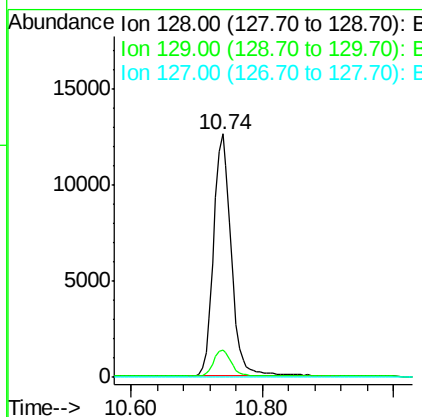
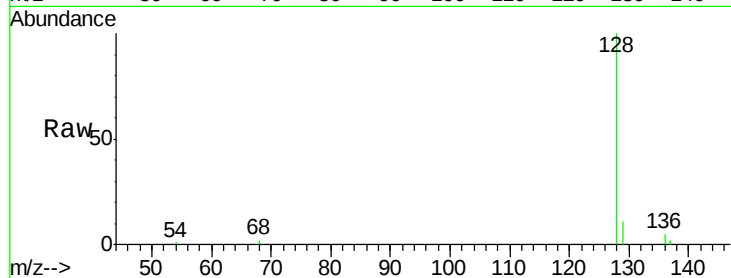
ClientSampleId :

B-78(5-7)-102517

Tgt Ion:	128	Resp:	23663
Ion Ratio	Lower	Upper	
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.396 ng/ul

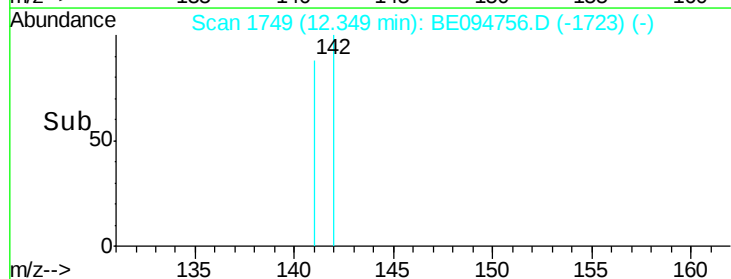
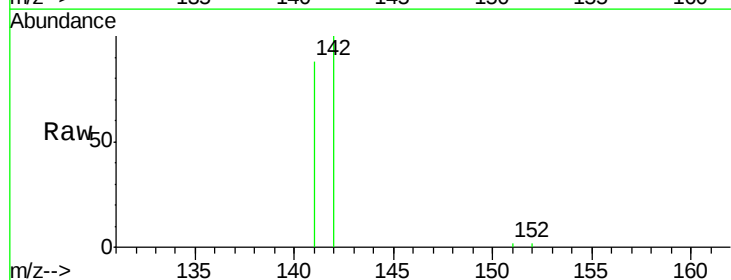
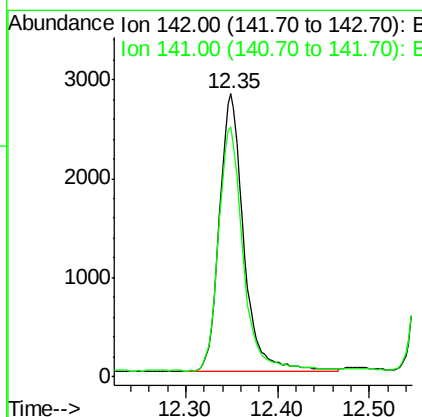
RT: 12.35 min Scan# 1749

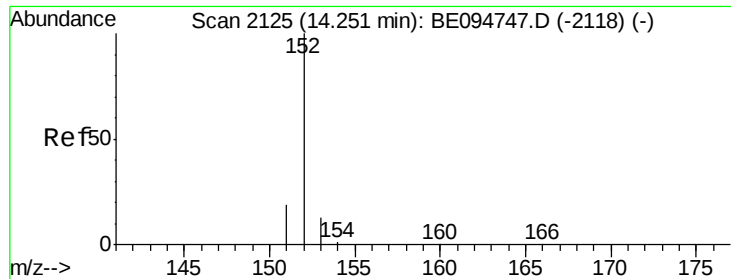
Delta R.T. -0.02 min

Lab File: BE094756.D

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Tgt Ion:	142	Resp:	5196
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.111 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094756.D

Acq: 6 Nov 2017 16:51

Instrument :

BNA_E

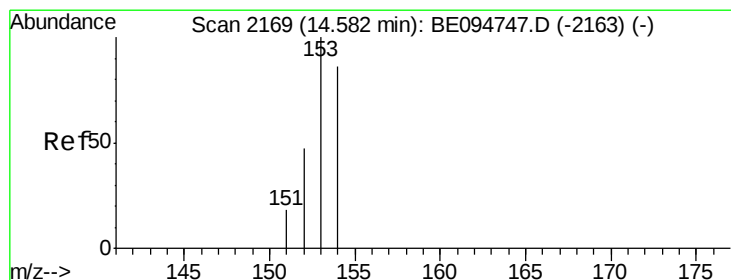
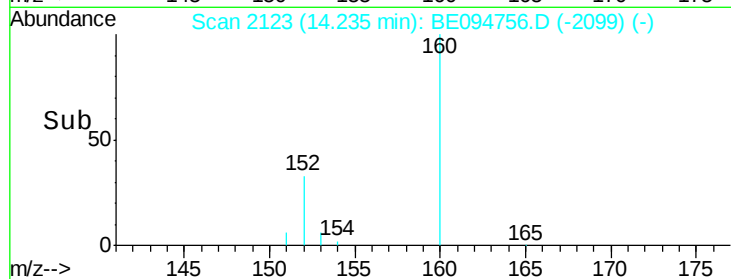
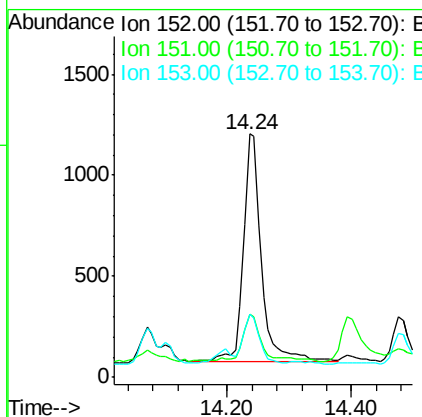
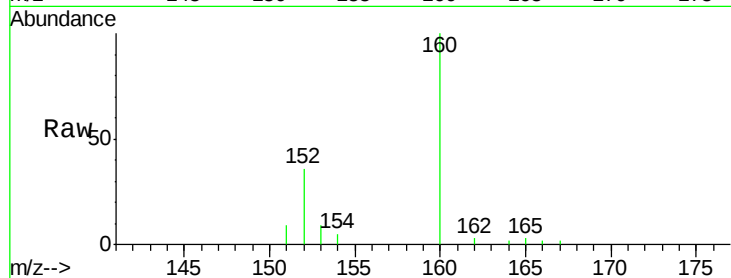
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	26.1	17.1	25.7#
153	26.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.604 ng/ul

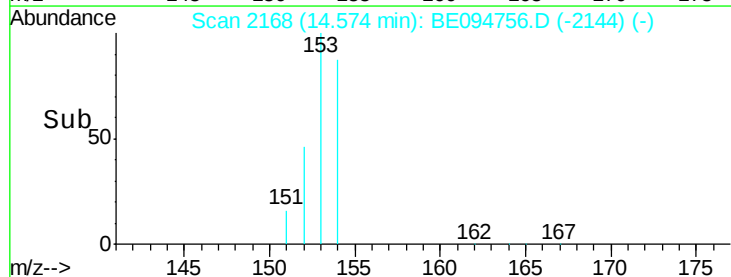
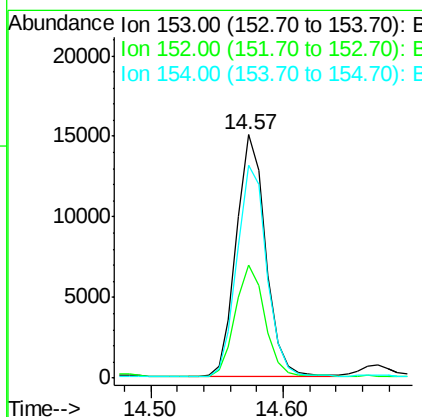
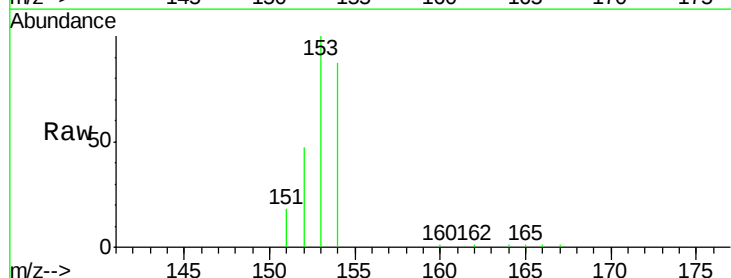
RT: 14.57 min Scan# 2168

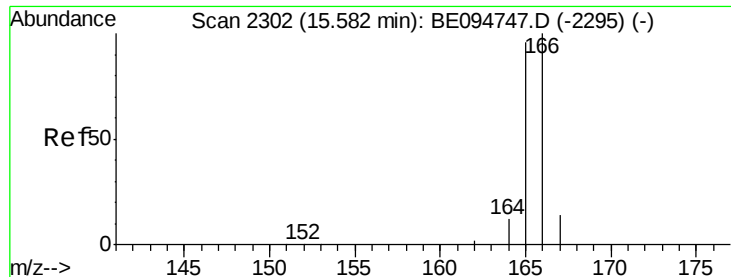
Delta R.T. -0.02 min

Lab File: BE094756.D

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	36.0	54.0
154	87.3	72.0	108.0





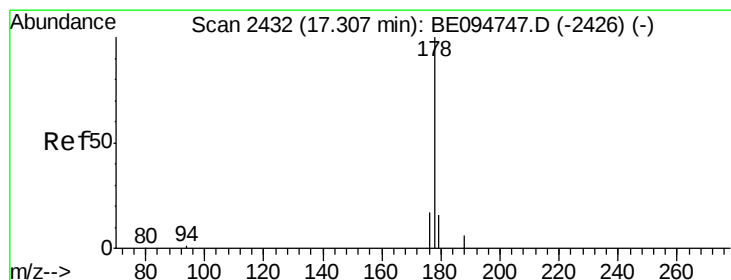
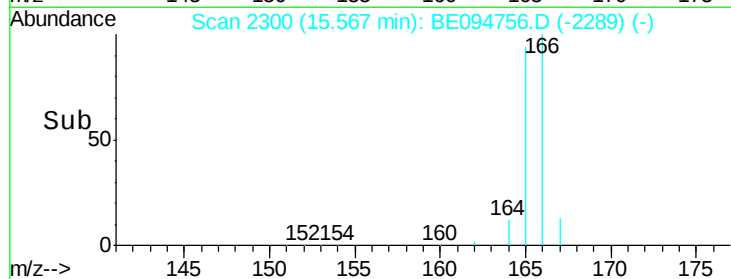
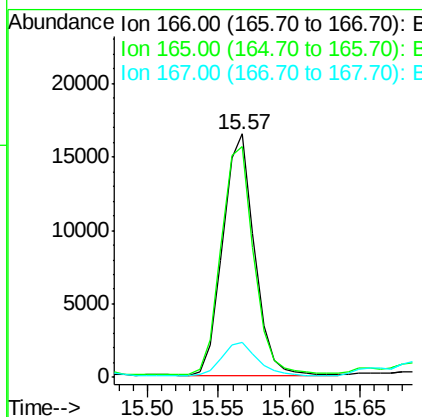
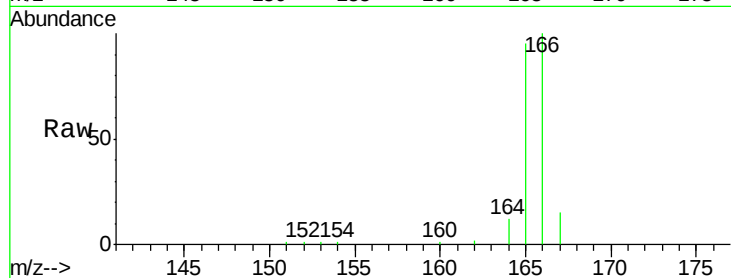
#9
Fluorene
 Concen: 1.553 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Instrument :
 BNA_E
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	73.4	110.2
167	14.5	14.6	22.0

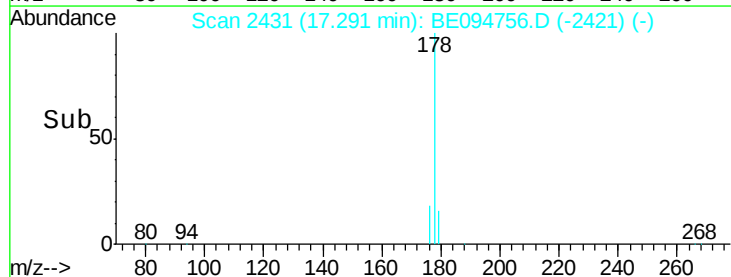
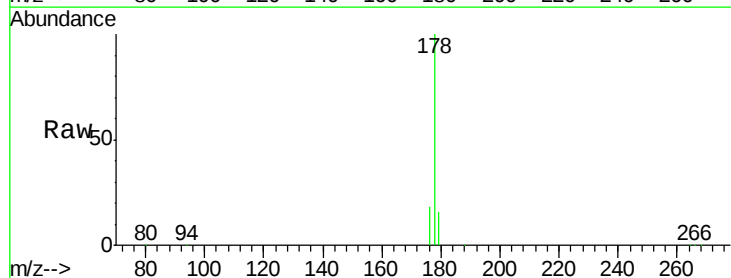
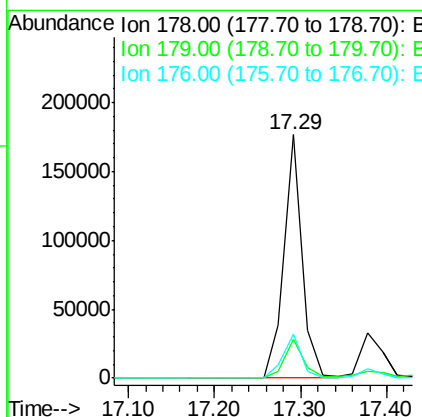
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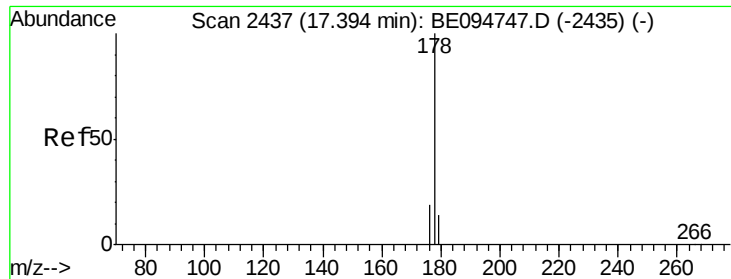
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#12
Phenanthrene
 Concen: 10.580 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6
176	18.3	13.6	20.4





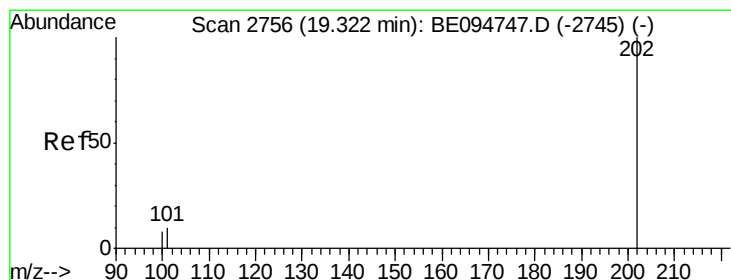
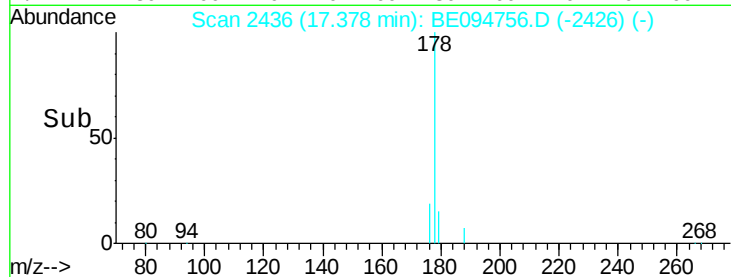
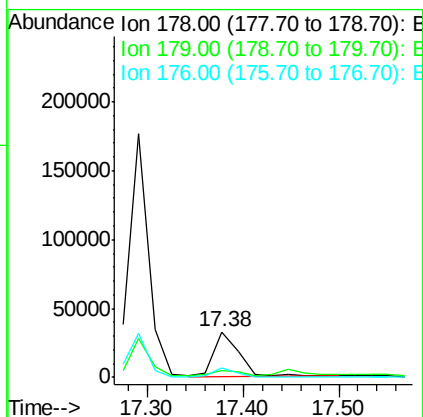
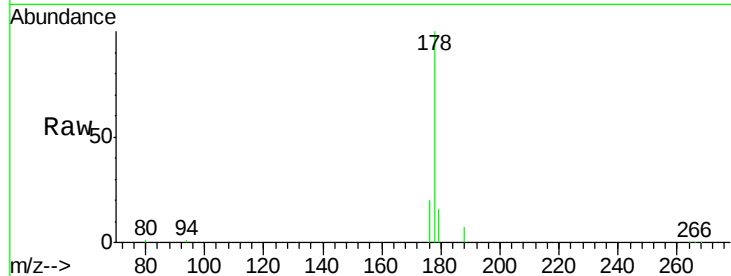
#13
 Anthracene
 Concen: 2.471 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Instrument :
 BNA_E
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	19.7	14.7	22.1

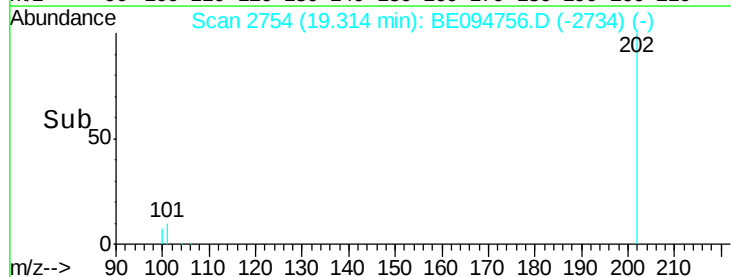
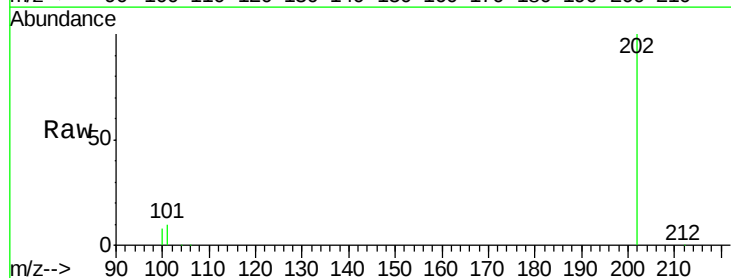
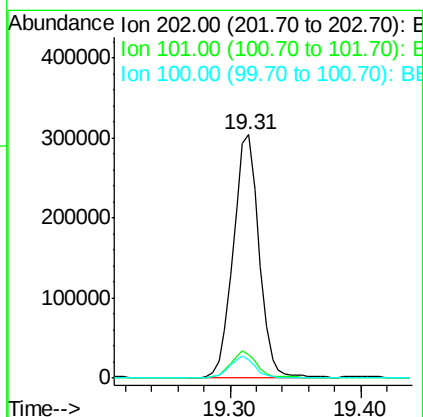
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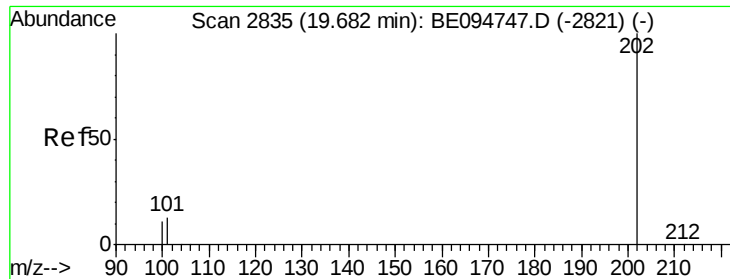
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#15
 Fluoranthene
 Concen: 14.433 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
100	7.5	0.0	39.5





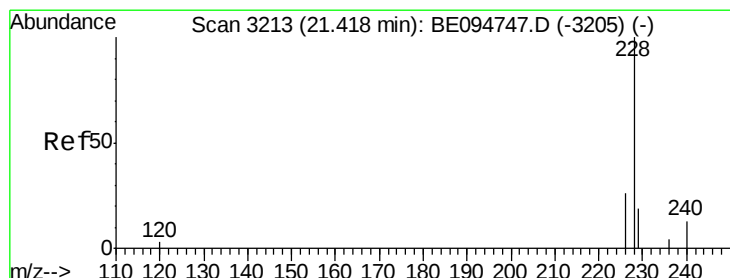
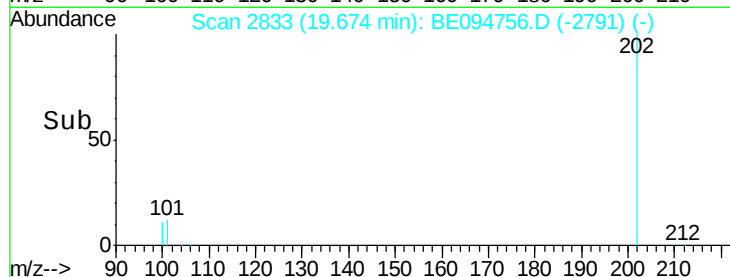
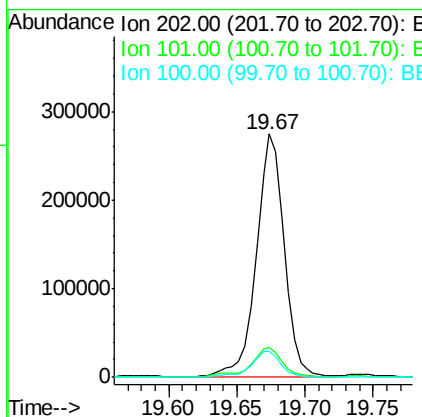
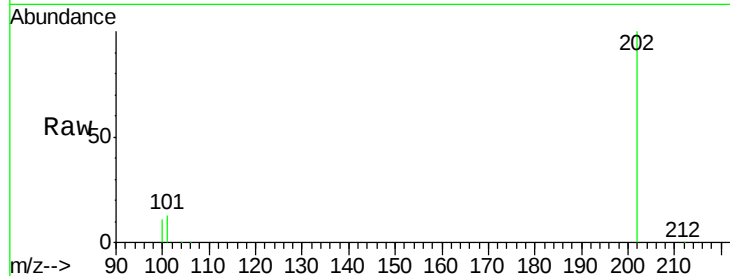
#17
Pyrene
 Concen: 13.957 ng/ul
 RT: 19.67 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	390215		
101	12.5	18.2	27.4#	
100	10.7	15.6	23.4#	

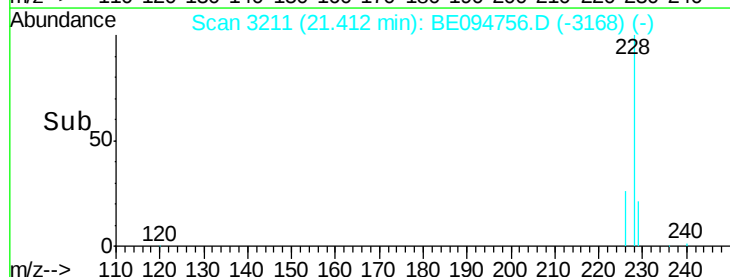
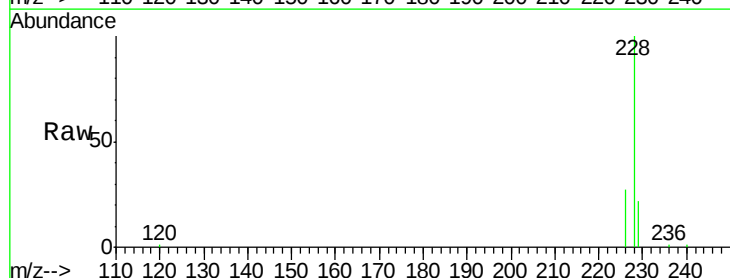
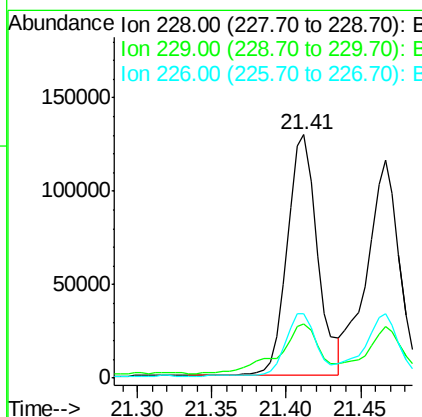
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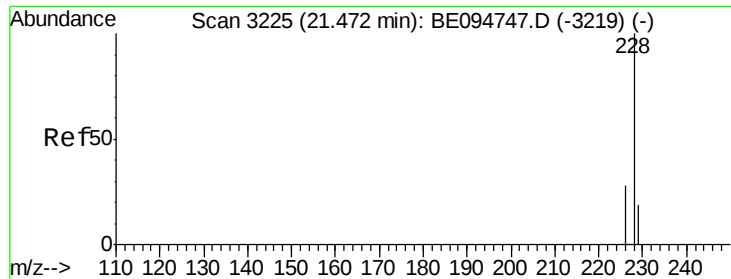
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#18
Benzo(a)anthracene
 Concen: 7.101 ng/ul
 RT: 21.41 min Scan# 3211
 Delta R.T. -0.01 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	183585		
229	22.4	22.8	34.2#	
226	26.6	17.0	25.6#	





#19

Chrysene

Concen: 6.667 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BE094756.D

Acq: 6 Nov 2017 16:51

Instrument :

BNA_E

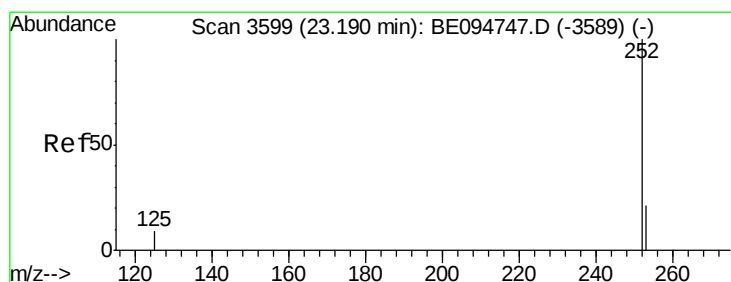
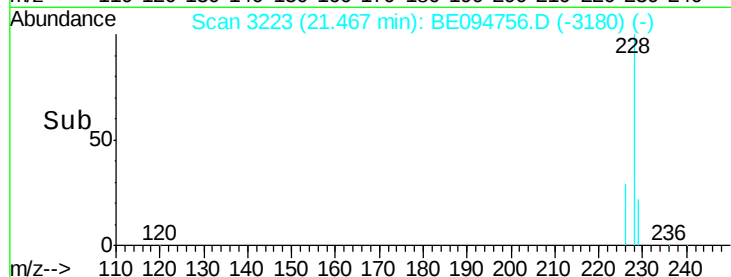
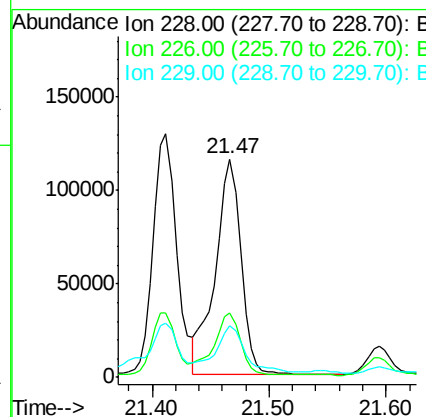
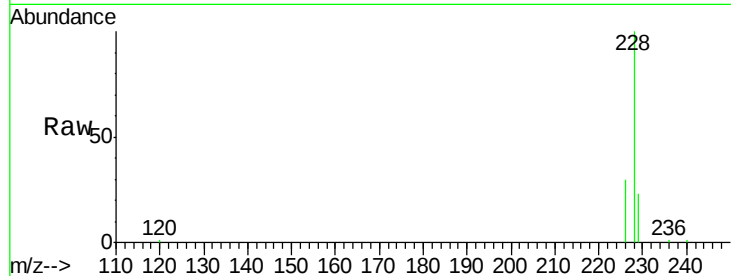
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Tgt Ion:	228	Resp:	178160
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	23.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 7.831 ng/ul m

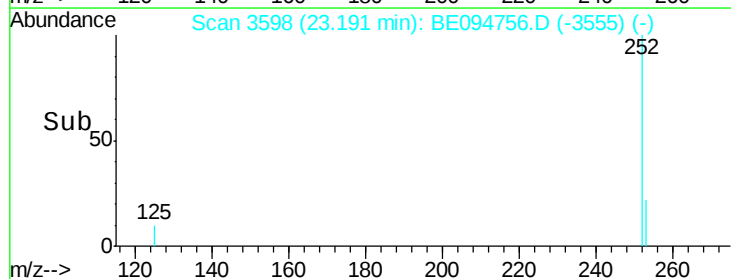
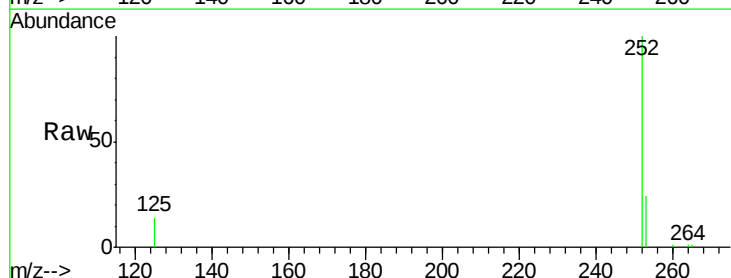
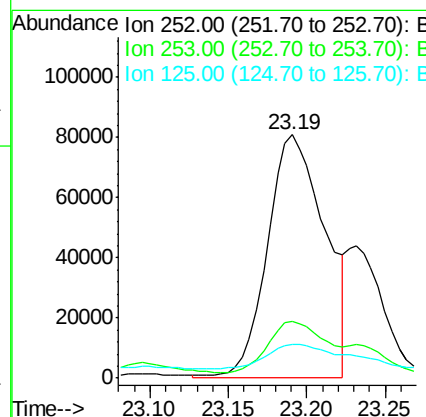
RT: 23.19 min Scan# 3598

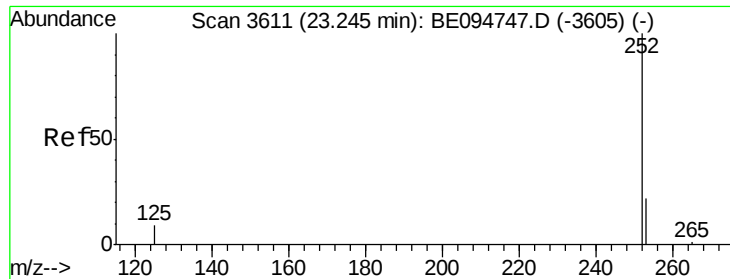
Delta R.T. -0.00 min

Lab File: BE094756.D

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Tgt Ion:	252	Resp:	206966
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	64.2
125	14.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.626 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. -0.01 min

Lab File: BE094756.D

Acq: 6 Nov 2017 16:51

Instrument :

BNA_E

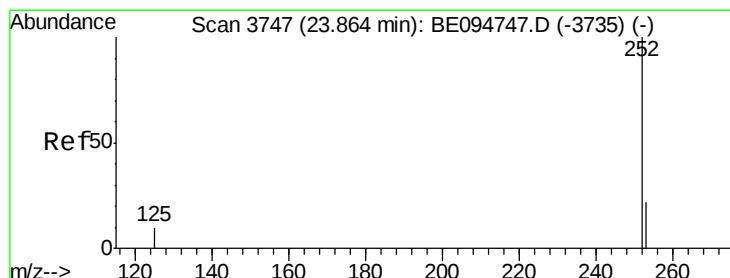
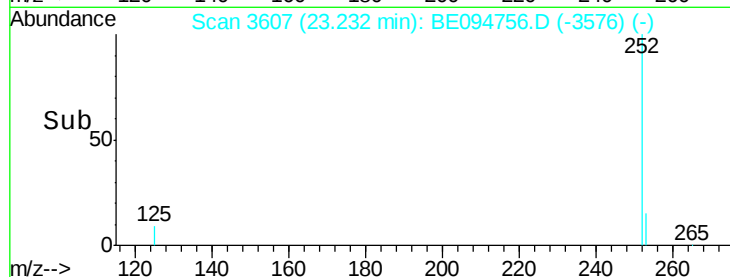
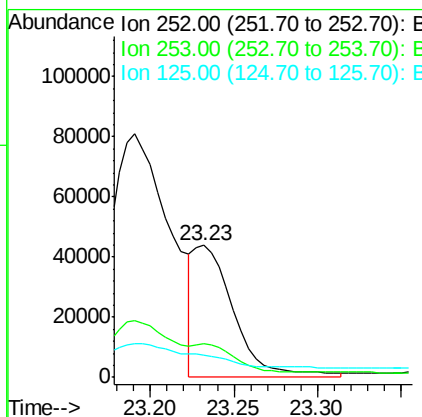
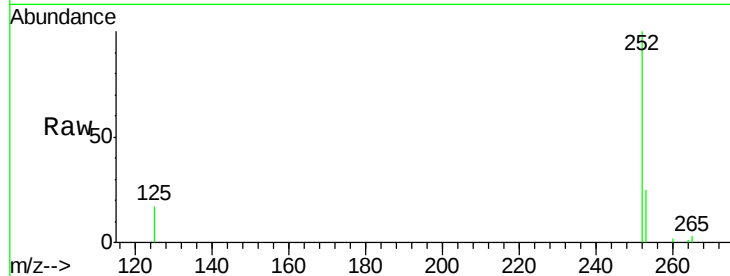
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	17.2	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 5.686 ng/ul

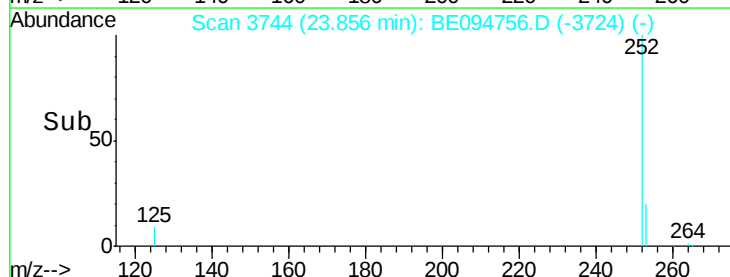
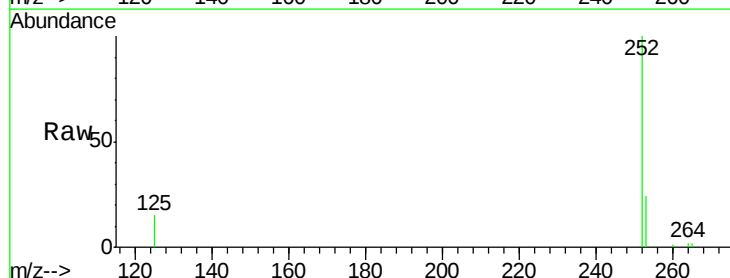
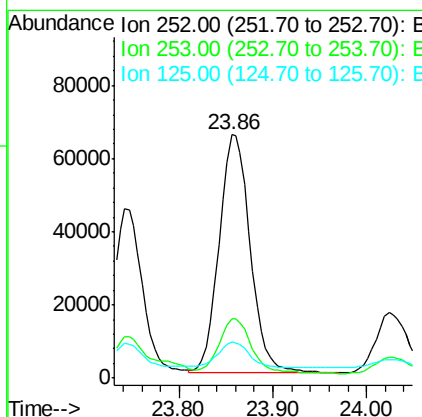
RT: 23.86 min Scan# 3744

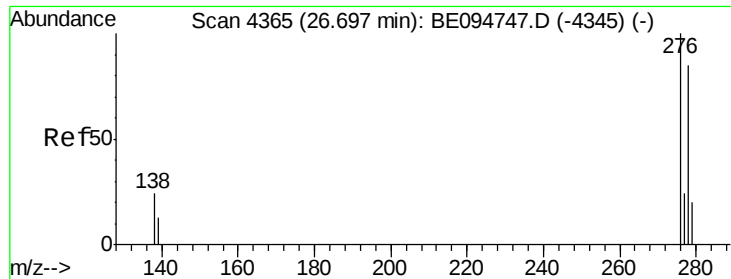
Delta R.T. -0.01 min

Lab File: BE094756.D

Acq: 6 Nov 2017 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	14.7	18.1	27.1#





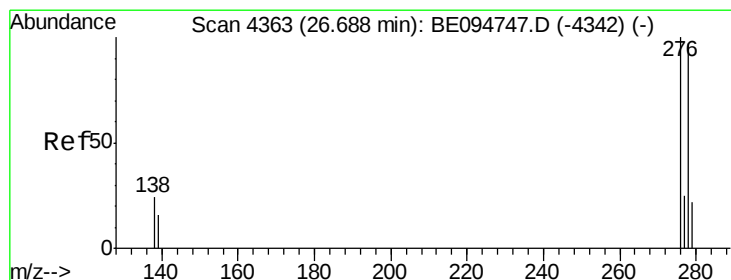
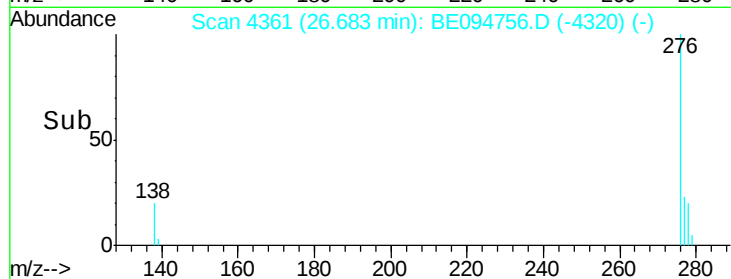
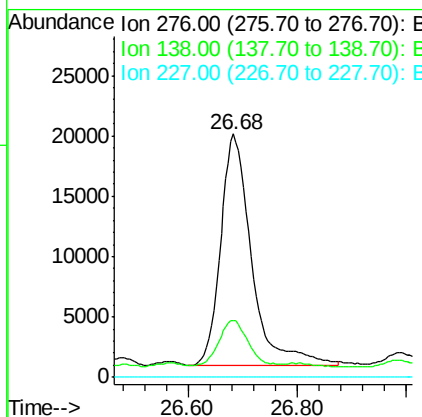
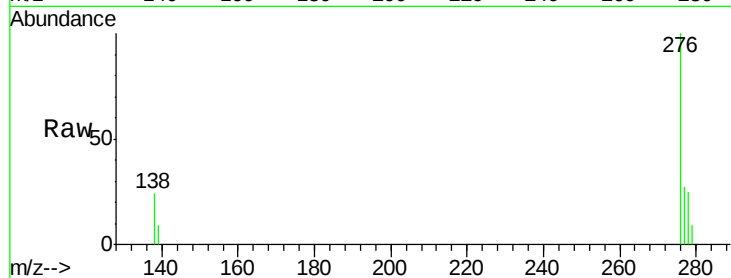
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.770 ng/ul
 RT: 26.68 min Scan# 4361
 Delta R.T. -0.01 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Instrument :
 BNA_E
 ClientSampleId :
 B-78(5-7)-102517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

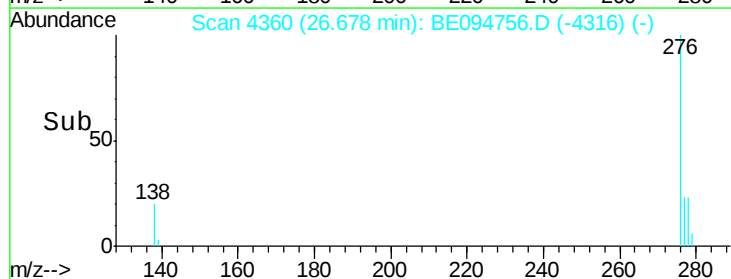
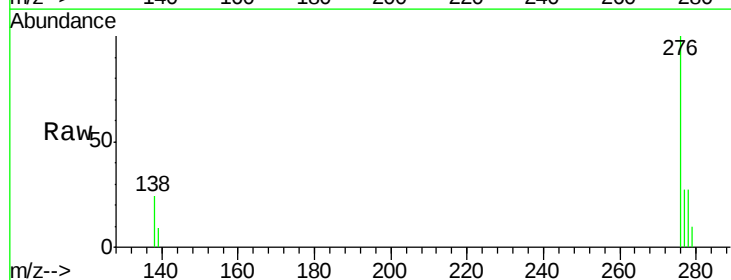
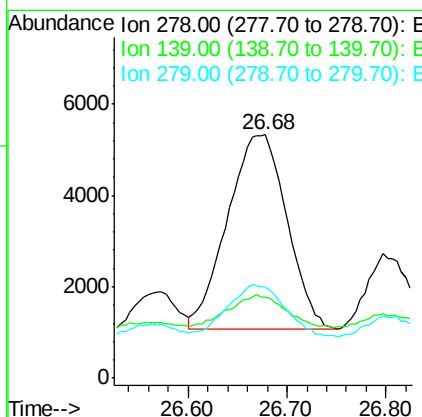
Manual Integrations
 APPROVED

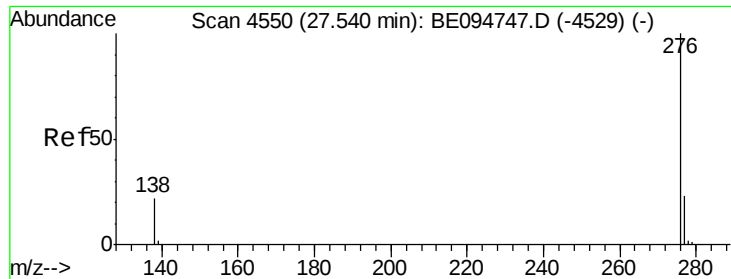
Sohil
 11/7/2017 5:41:42 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.770 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. 0.00 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.5	17.4	26.0#
279	37.7	25.9	38.9





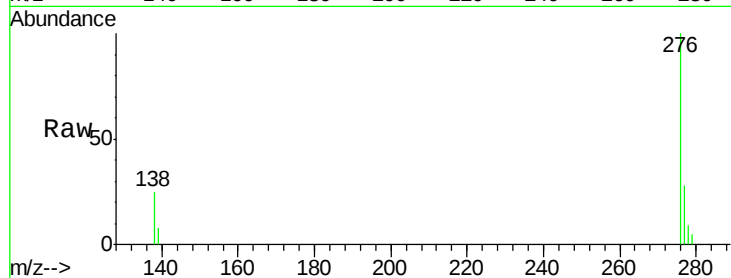
#26
 Benzo(g,h,i)perylene
 Concen: 2.828 ng/ul
 RT: 27.54 min Scan# 4548
 Delta R.T. 0.00 min
 Lab File: BE094756.D
 Acq: 6 Nov 2017 16:51

Instrument :
 BNA_E
 ClientSampleId :
 B-78(5-7)-102517

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.8
277	28.5	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:41:42 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

