

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094577.D
 Acq On : 27 Oct 2017 00:10
 Operator : SJ/JU
 Sample : I5873-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-13(1-3)_101117

Manual Integrations
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Quant Time: Oct 27 09:13:08 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1431	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4803	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10100	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	9983	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	11220	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	856	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.29	212	1675	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	37969	1.944	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	12717	0.931	ng/ul	98
7) Acenaphthylene	14.24	152	7045	0.324	ng/ul	92
8) Acenaphthene	14.58	153	6221	0.398	ng/ul	96
9) Fluorene	15.57	166	12722	0.726	ng/ul	91
12) Phenanthrene	17.29	178	188306	7.059	ng/ul#	88
13) Anthracene	17.38	178	13802	0.524	ng/ul#	94
15) Fluoranthene	19.32	202	222478	7.213	ng/ul	83
17) Pyrene	19.68	202	196769	6.376	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	79499	2.786	ng/ul#	88
19) Chrysene	21.47	228	105859	3.589	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	124270m	3.937	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	36190m	1.070	ng/ul	
23) Benzo(a)pyrene	23.85	252	46914	1.487	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.66	276	49403	1.513	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.66	278	13247	0.482	ng/ul#	69
26) Benzo(g,h,i)perylene	27.51	276	37950	1.448	ng/ul#	93

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

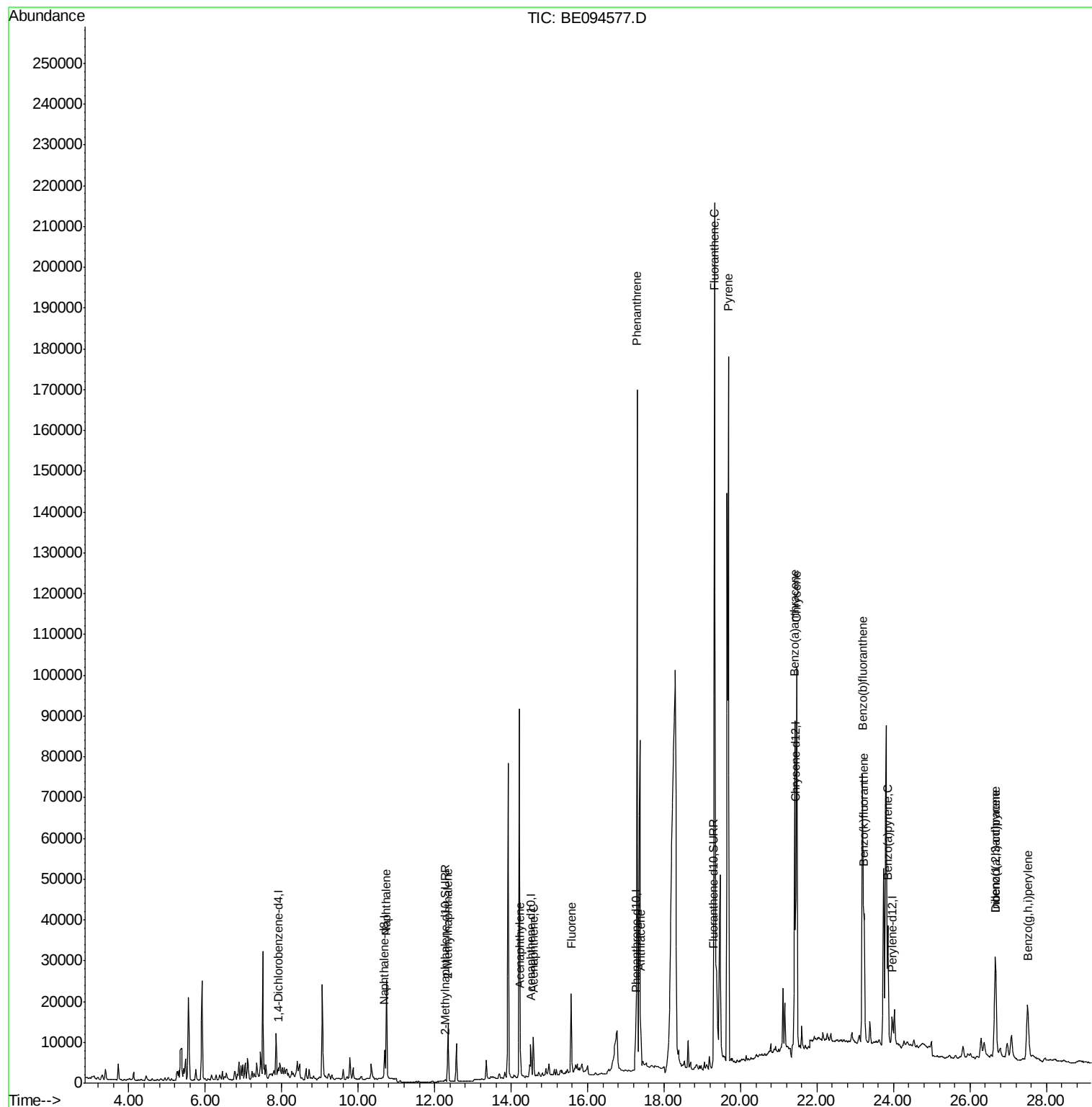
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
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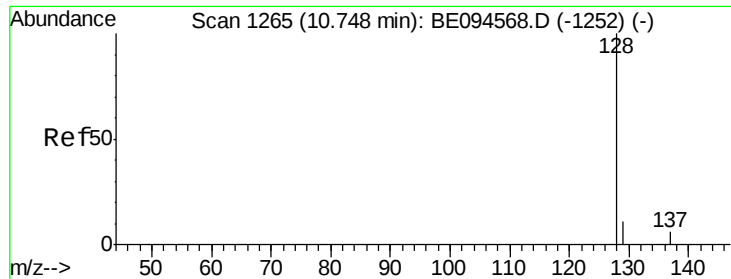
Instrument :
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B-13(1-3)_101117

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#3

Naphthalene

Concen: 1.944 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Instrument :

BNA_E

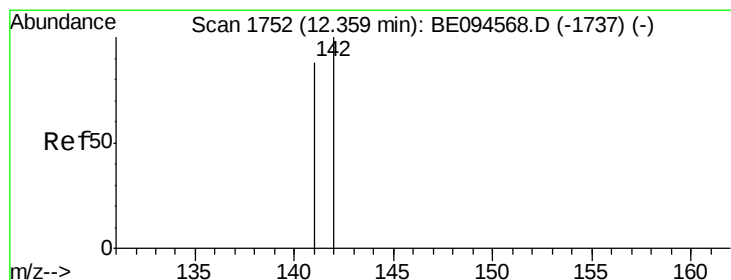
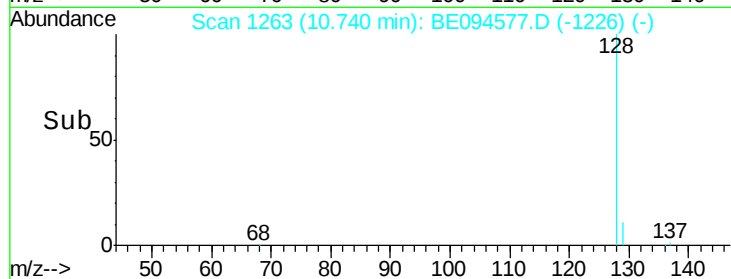
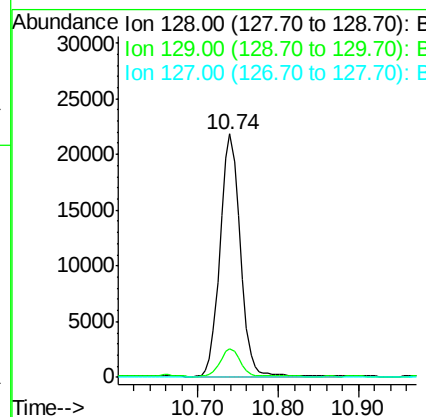
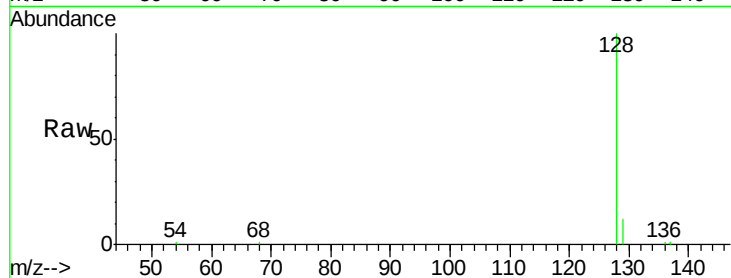
ClientSampleId :

B-13(1-3) 101117

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.931 ng/ul

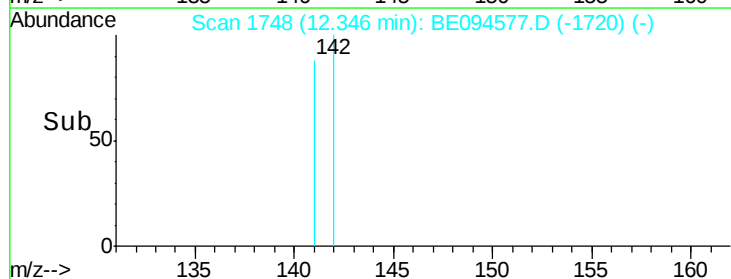
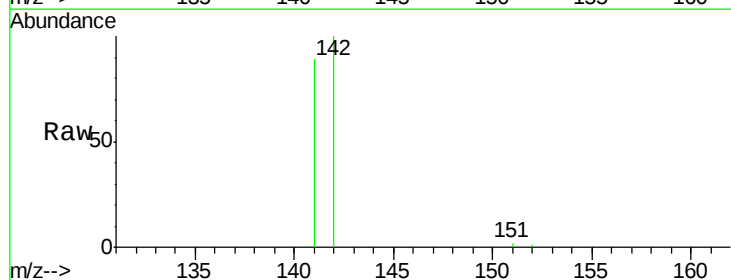
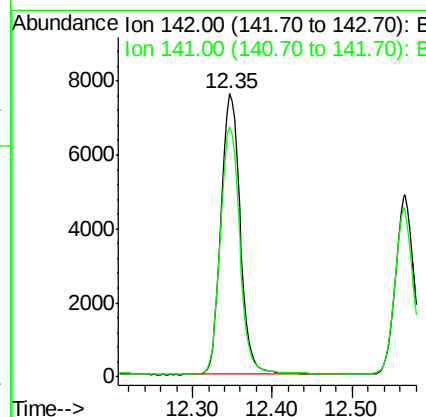
RT: 12.35 min Scan# 1748

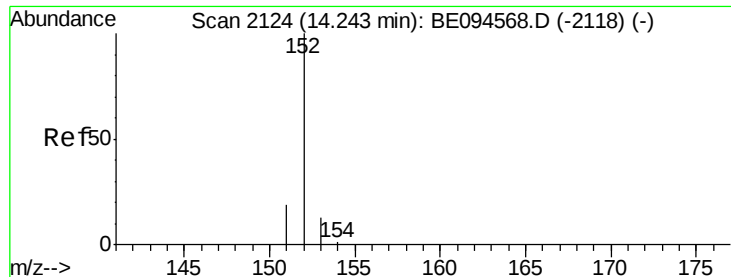
Delta R.T. -0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.324 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Instrument :

BNA_E

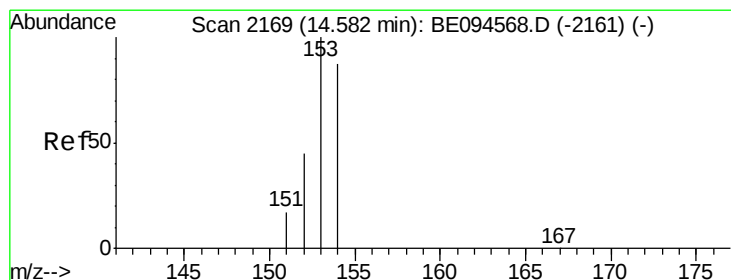
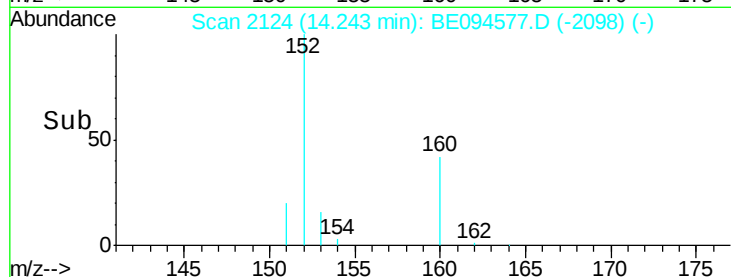
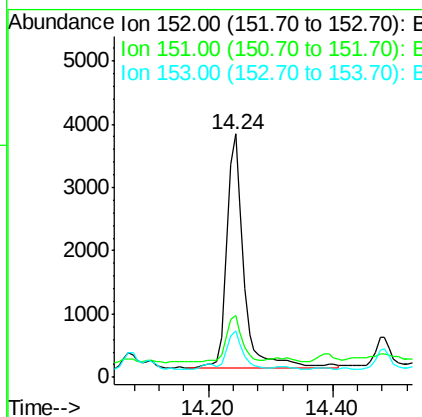
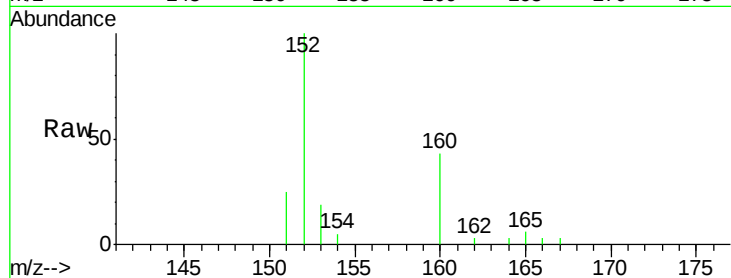
ClientSampleId :

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Tgt Ion:	152	Resp:	7045
Ion Ratio	Lower	Upper	
152	100		
151	25.2	17.1	25.7
153	19.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.398 ng/ul

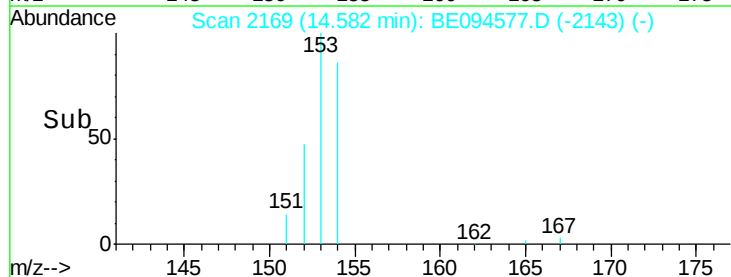
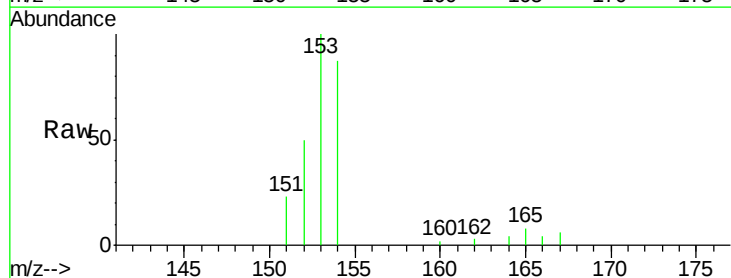
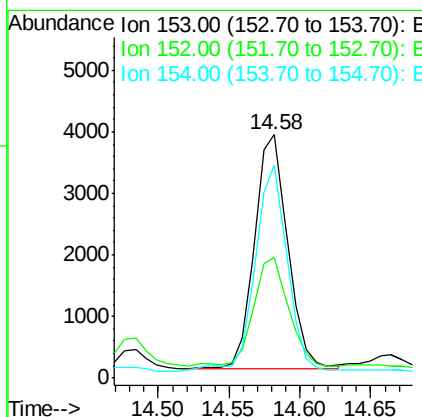
RT: 14.58 min Scan# 2169

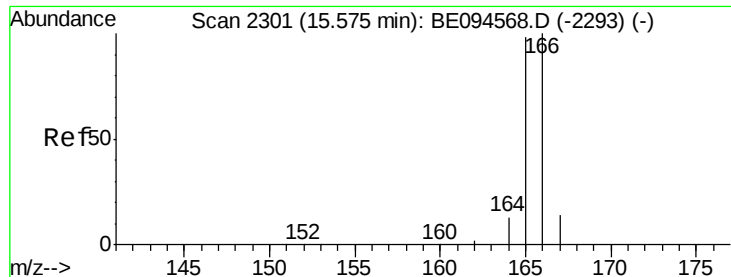
Delta R.T. -0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Tgt Ion:	153	Resp:	6221
Ion Ratio	Lower	Upper	
153	100		
152	49.8	36.0	54.0
154	87.3	72.0	108.0





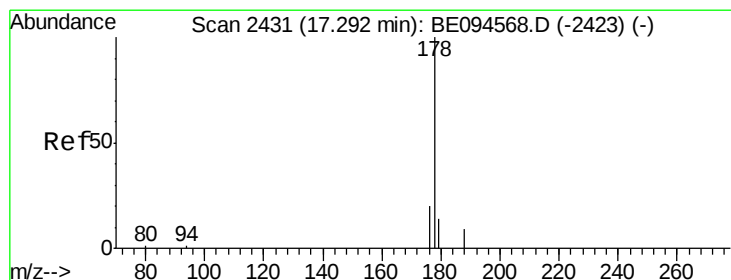
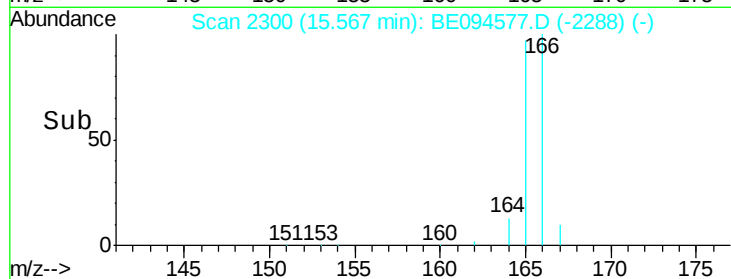
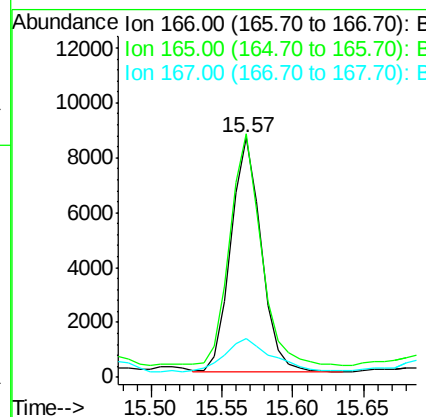
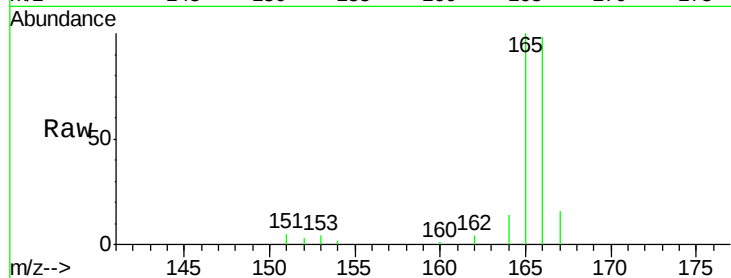
#9
Fluorene
 Concen: 0.726 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094577.D
 Acq: 27 Oct 2017 00:10

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	73.4	110.2
167	16.2	14.6	22.0

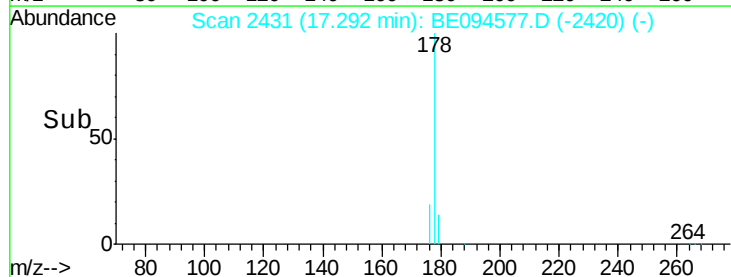
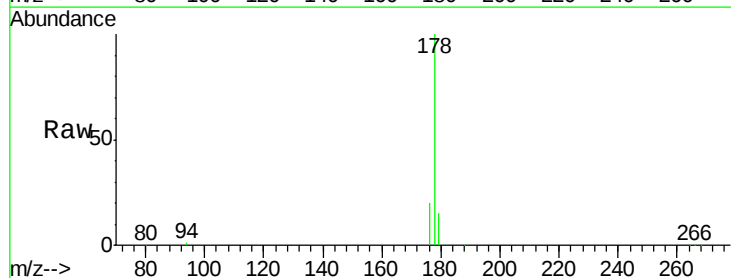
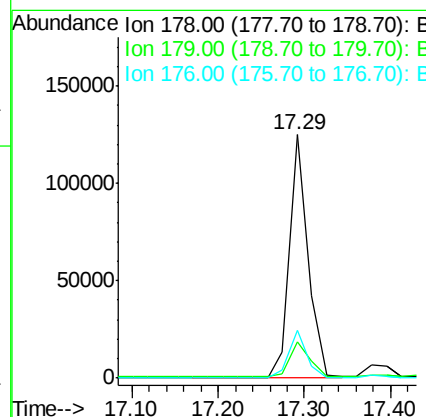
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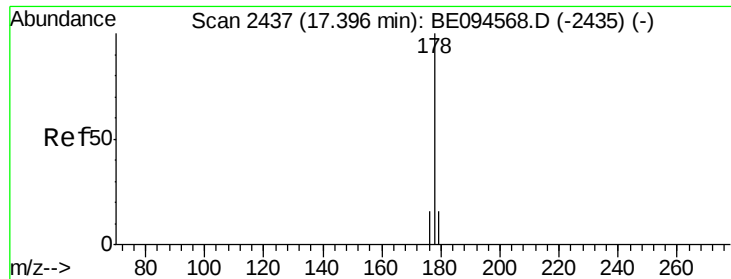
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#12
Phenanthrene
 Concen: 7.059 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094577.D
 Acq: 27 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.4	27.6#
176	19.6	13.6	20.4





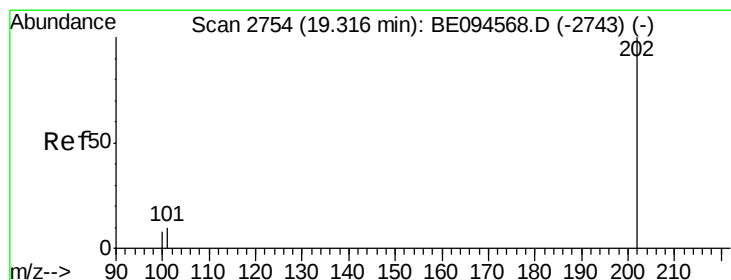
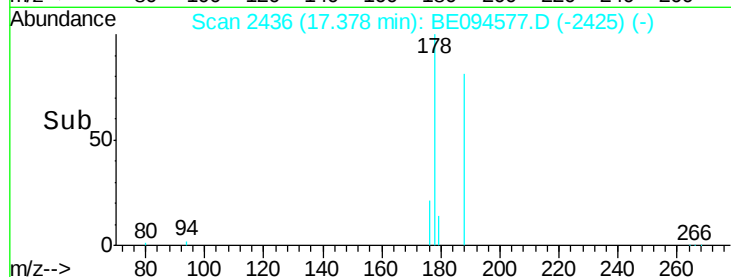
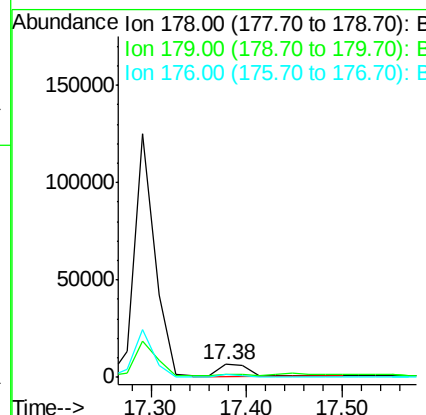
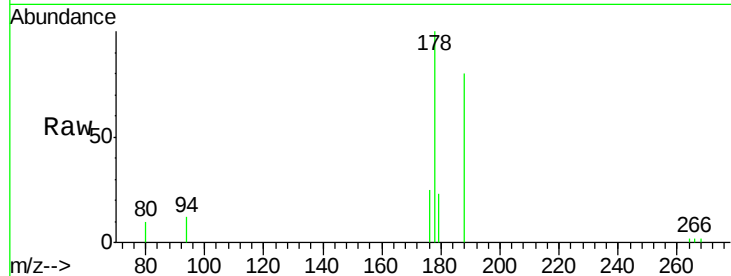
#13
 Anthracene
 Concen: 0.524 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094577.D
 Acq: 27 Oct 2017 00:10

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Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.7	18.1	27.1
176	24.5	14.7	22.1

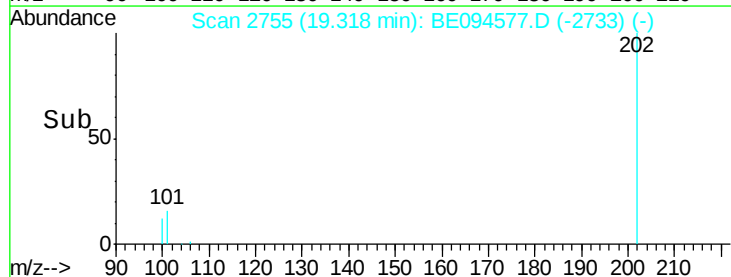
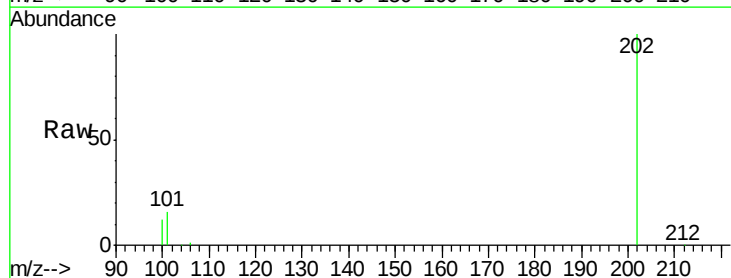
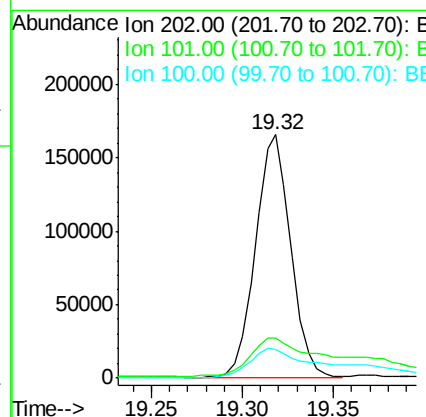
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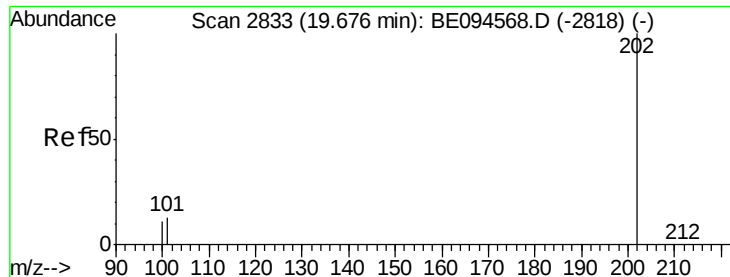
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#15
 Fluoranthene
 Concen: 7.213 ng/ul
 RT: 19.32 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE094577.D
 Acq: 27 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	30.3
100	11.9	0.0	39.5





#17

Pyrene

Concen: 6.376 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Instrument :

BNA_E

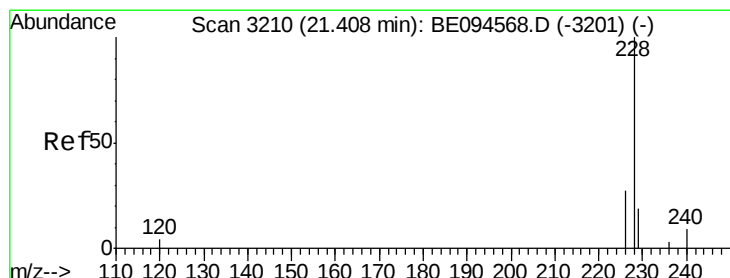
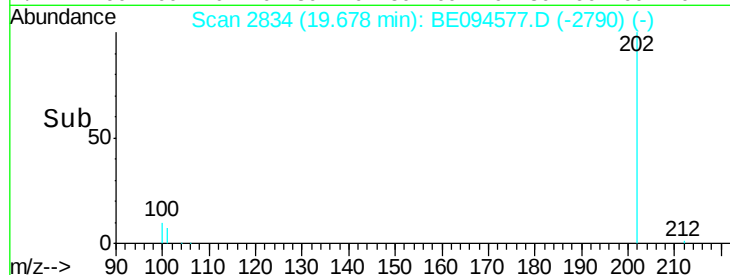
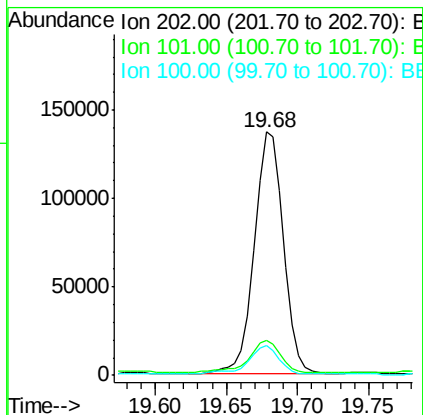
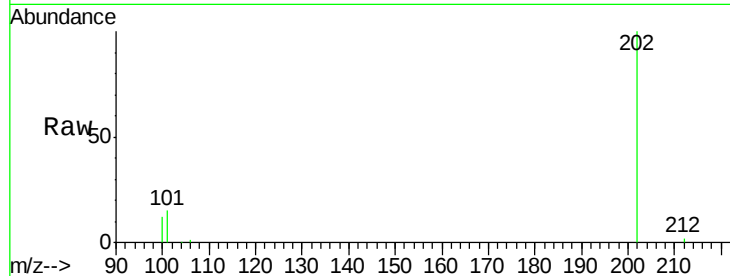
ClientSampleId :

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Tgt Ion:	202	Resp:	196769
Ion Ratio	Lower	Upper	
202	100		
101	14.5	18.2	27.4#
100	12.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.786 ng/ul

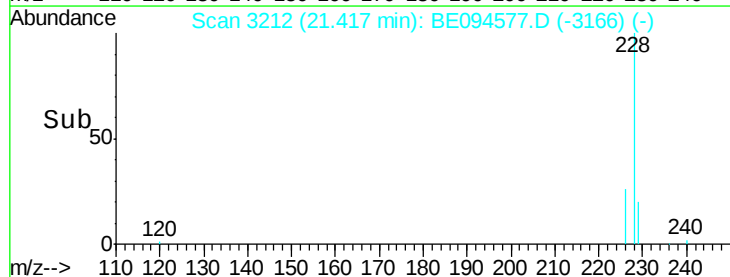
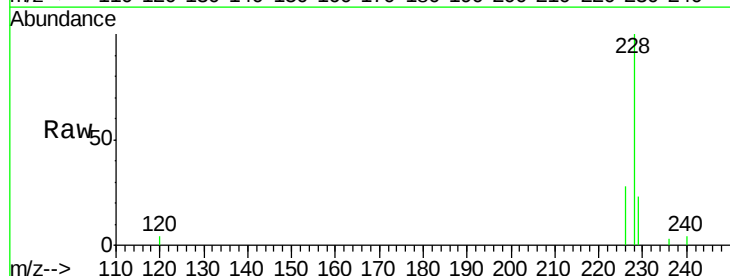
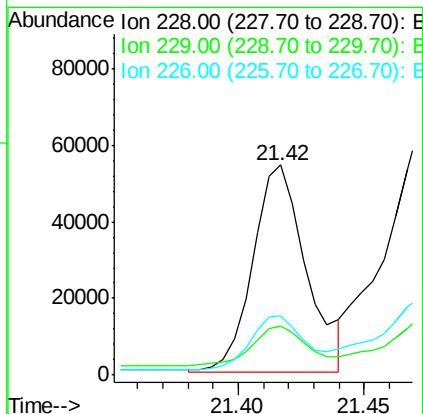
RT: 21.42 min Scan# 3212

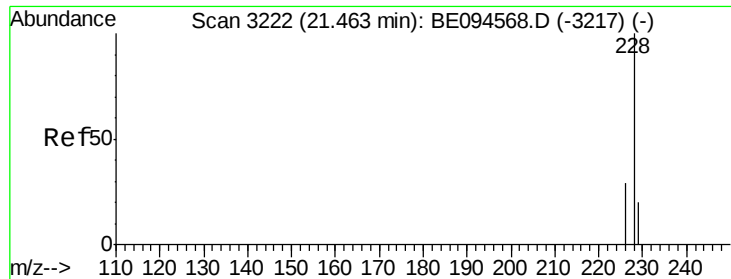
Delta R.T. 0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Tgt Ion:	228	Resp:	79499
Ion Ratio	Lower	Upper	
228	100		
229	23.5	22.8	34.2
226	28.4	17.0	25.6#





#19

Chrysene

Concen: 3.589 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Instrument :

BNA_E

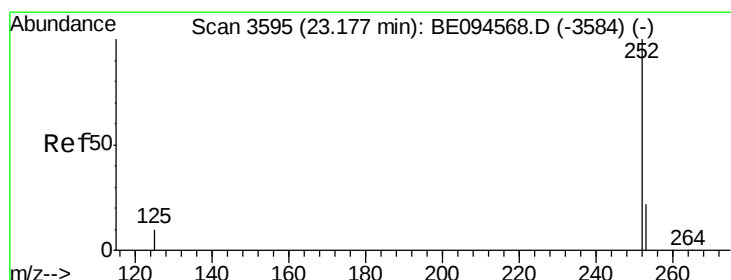
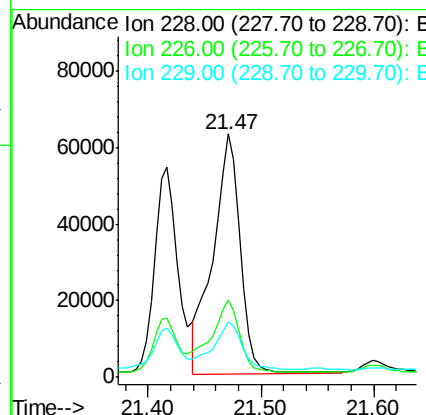
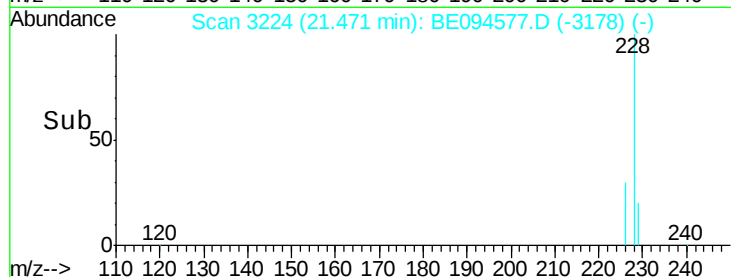
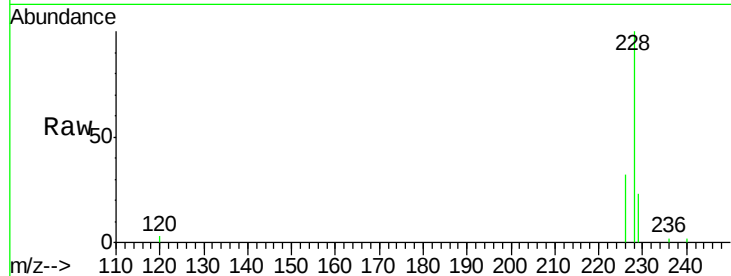
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Tgt Ion:	228	Resp:	105859
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.4	35.0
229	22.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.937 ng/ul m

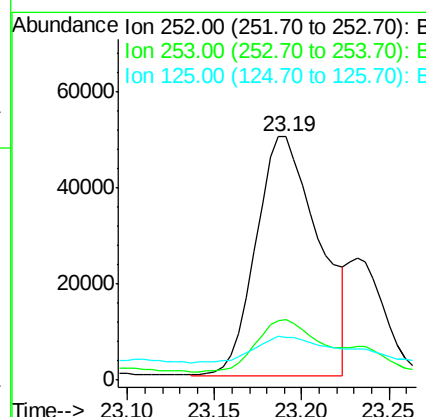
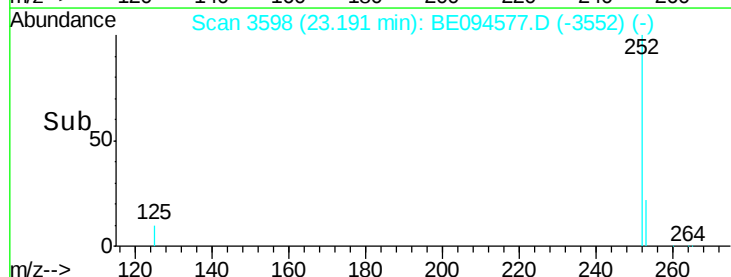
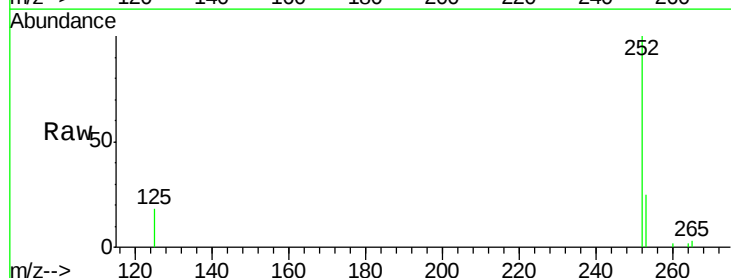
RT: 23.19 min Scan# 3598

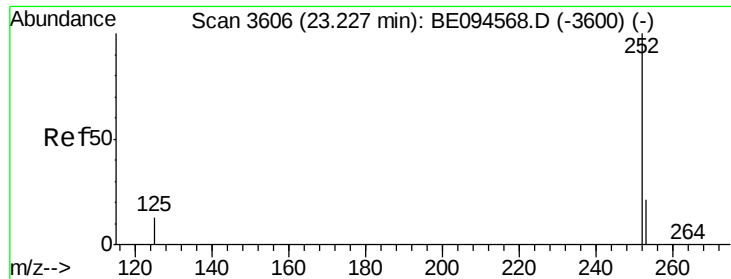
Delta R.T. 0.01 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Tgt Ion:	252	Resp:	124270
Ion Ratio	Lower	Upper	
252	100		
253	25.1	0.0	64.2
125	17.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.070 ng/ul m

RT: 23.23 min Scan# 3607

Delta R.T. 0.00 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Instrument :

BNA_E

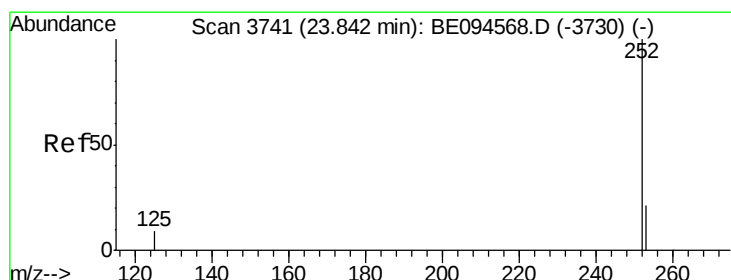
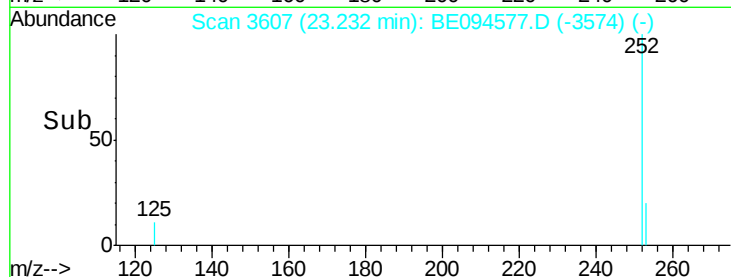
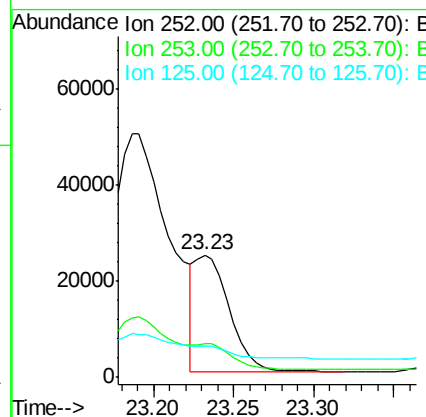
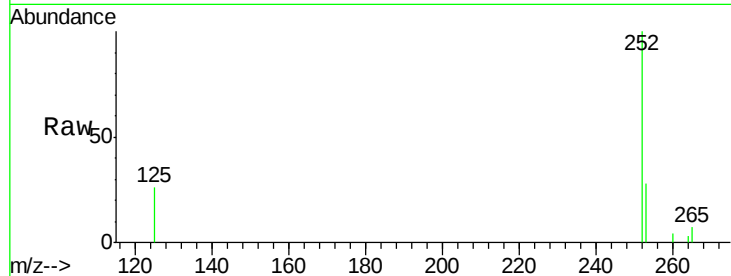
ClientSampleId :

B-13(1-3) 101117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	25.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 1.487 ng/ul

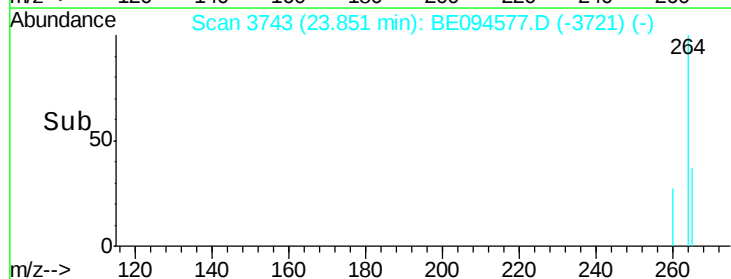
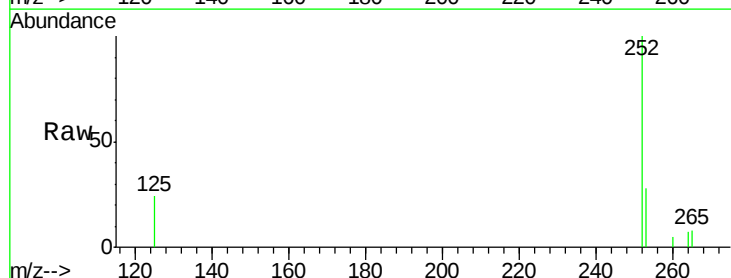
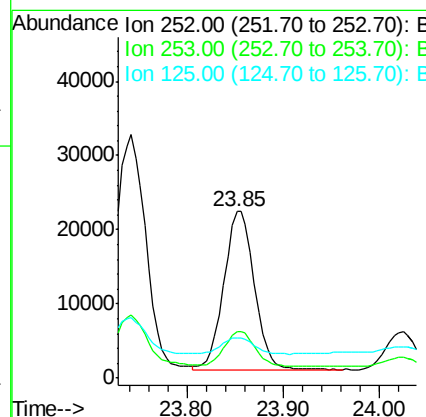
RT: 23.85 min Scan# 3743

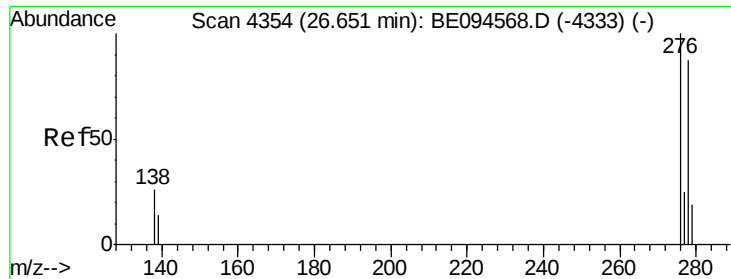
Delta R.T. 0.00 min

Lab File: BE094577.D

Acq: 27 Oct 2017 00:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	28.5	42.7#
125	24.4	18.1	27.1





#24

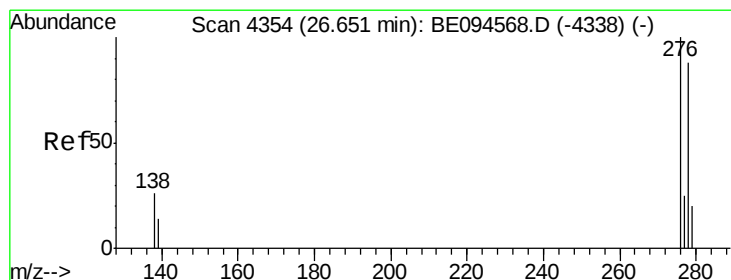
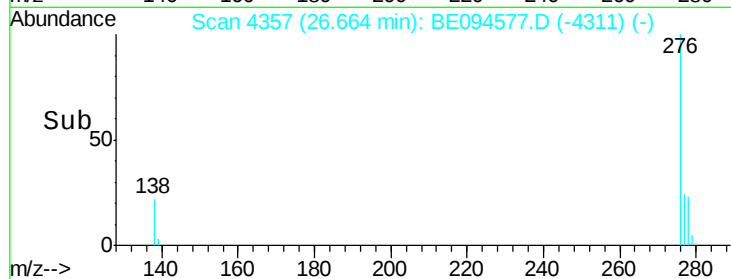
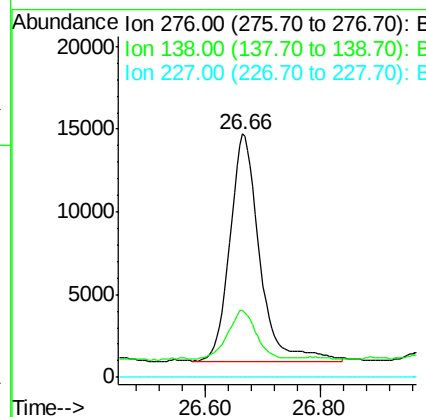
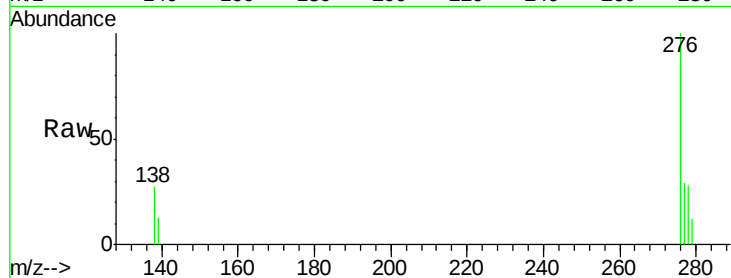
Indeno(1,2,3-cd)pyrene
Concen: 1.513 ng/u1
RT: 26.66 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BE094577.D
Acq: 27 Oct 2017 00:10

Instrument :
BNA_E
ClientSampleId :
B-13(1-3)_101117

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

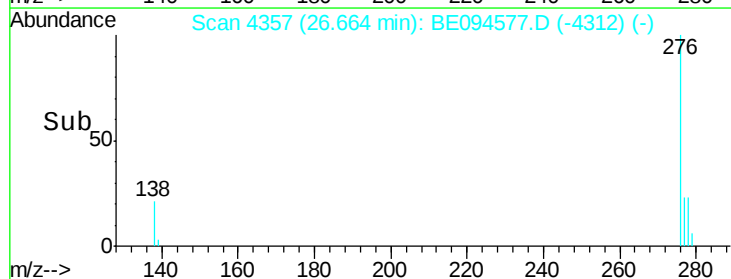
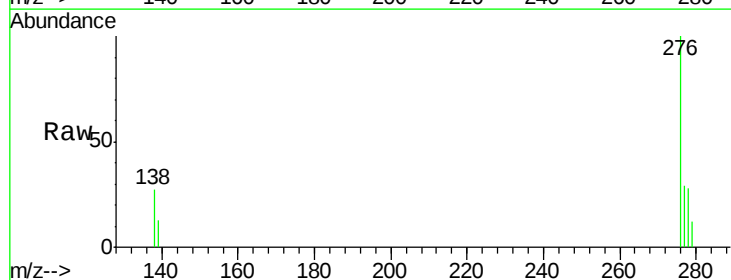
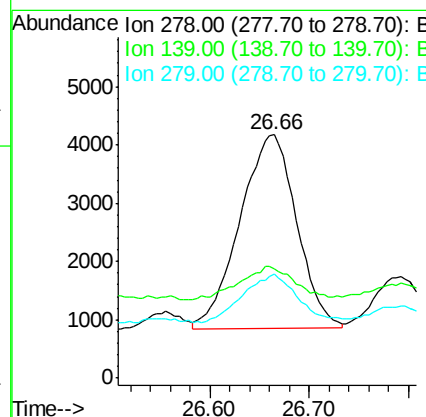
Sohil
10/27/2017 5:35:46 PM

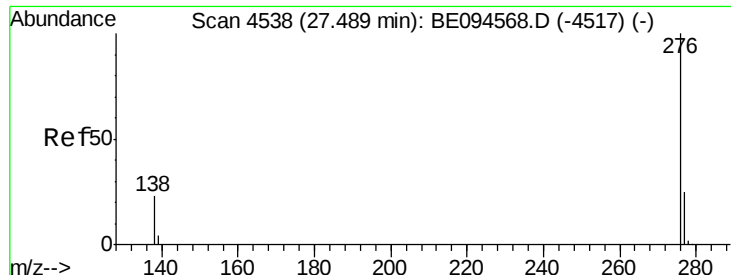


#25

Dibenzo(a,h)anthracene
Concen: 0.482 ng/u1
RT: 26.66 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BE094577.D
Acq: 27 Oct 2017 00:10

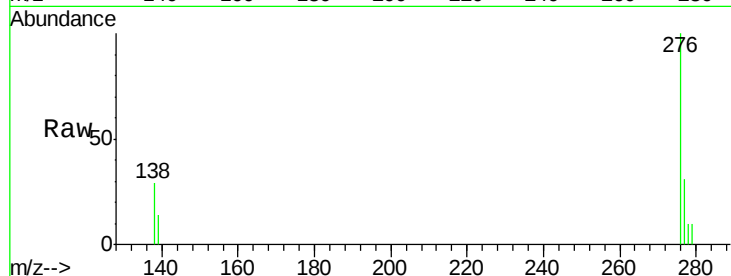
Tgt Ion	Ratio	Lower	Upper
278	100		
139	45.0	17.4	26.0#
279	42.9	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 1.448 ng/ul
 RT: 27.51 min Scan# 4542
 Delta R.T. 0.01 min
 Lab File: BE094577.D
 Acq: 27 Oct 2017 00:10

Instrument :
 BNA_E
 ClientSampleId :
 B-13(1-3)_101117



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.8	32.8
277	31.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:35:46 PM

