

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091134.D
 Acq On : 12 Nov 2015 8:27
 Operator : UM/NP
 Sample : G4322-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR8

Manual Integrations
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 11/16/2015 12:42:20 PM

Quant Time: Nov 13 18:06:34 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 13:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	3322	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	19136	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	11006	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	27611m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	38933	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	34910m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	10389	4.35	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	2379	0.09	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	5225	0.07	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	14392	0.31	ng/ul	99
7) 2-Methylnaphthalene	11.15	142	1912	0.06	ng/ul	97
9) Acenaphthylene	13.15	152	7243	0.13	ng/ul	98
11) Fluorene	14.45	166	2188	0.05	ng/ul#	94
14) Phenanthrene	16.16	178	213341	0.67	ng/ul	98
15) Anthracene	16.25	178	41231m	0.14	ng/ul	
17) Fluoranthene	18.15	202	324925m	0.87	ng/ul	
19) Pyrene	18.53	202	260560	0.59	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	35625	0.36	ng/ul#	94
21) Chrysene	20.32	228	38677	0.34	ng/ul#	95
23) Benzo(b)fluoranthene	21.62	252	28460	0.26	ng/ul	87
24) Benzo(k)fluoranthene	21.65	252	28954	0.26	ng/ul#	84
25) Benzo(a)pyrene	22.09	252	30158	0.30	ng/ul#	91
26) Indeno(1,2,3-cd)pyrene	23.83	276	75467m	0.18	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	5176	0.05	ng/ul#	61
28) Benzo(a,h,i)perylene	24.39	276	60305	0.14	ng/ul	96

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

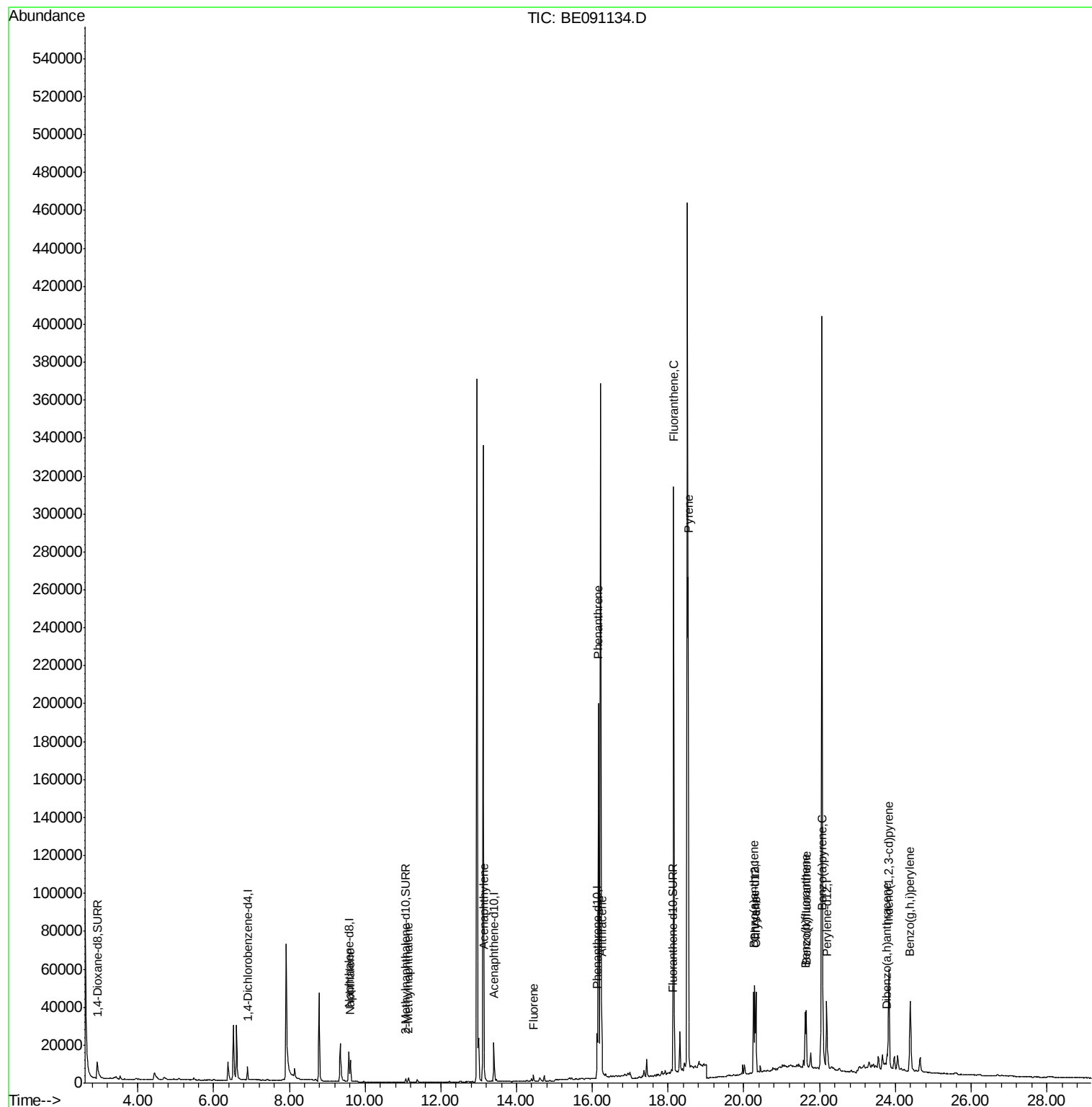
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
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ALS Vial : 20 Sample Multiplier: 1

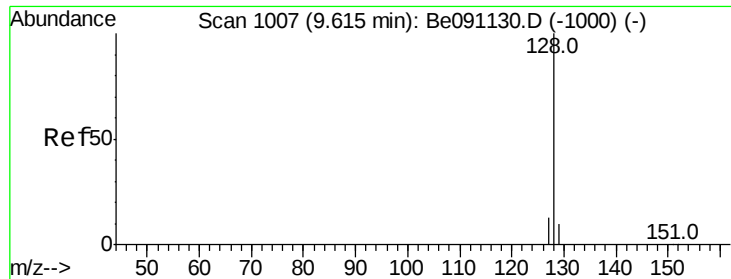
Instrument :
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ClientSampleId :
A4HR8

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QLast Update : Fri Nov 13 13:56:00 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.31 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

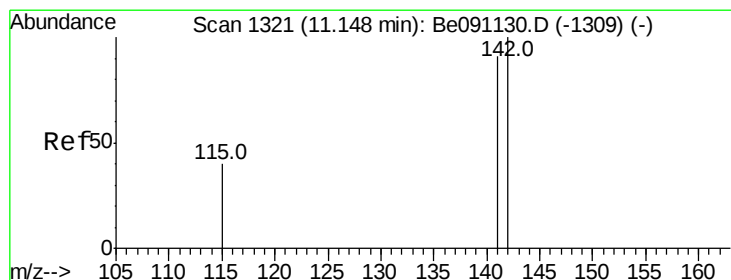
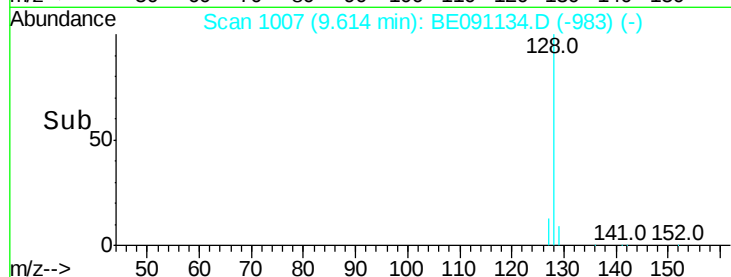
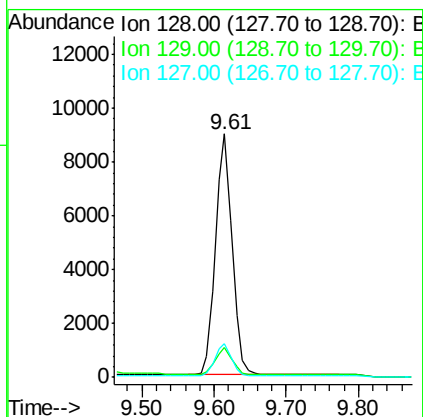
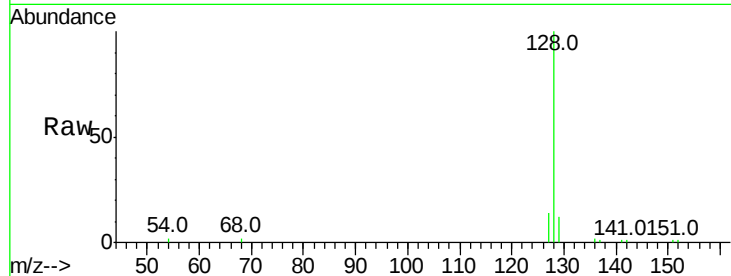
ClientSampleId :

A4HR8

Tot Ion:	128	Resp:	14392
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.8	14.8
127	13.7	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.06 ng/ul

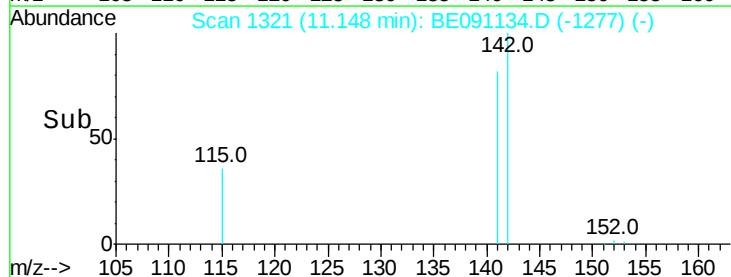
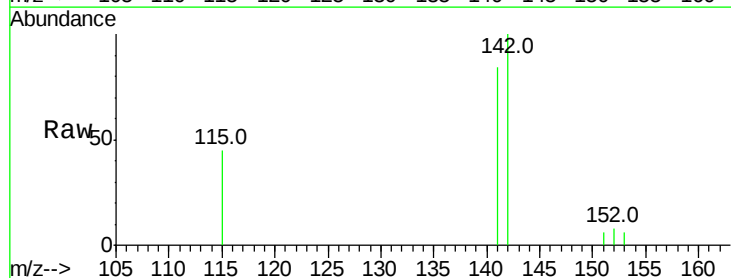
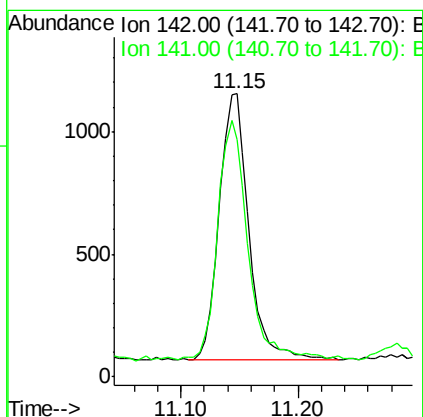
RT: 11.15 min Scan# 1321

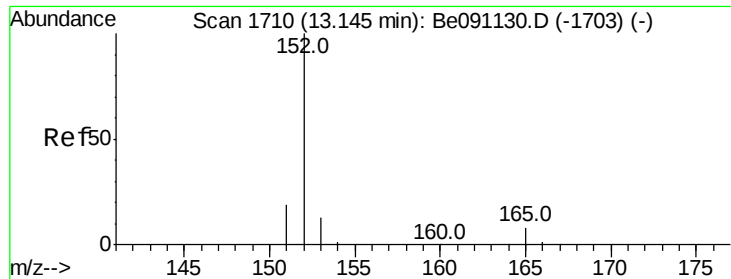
Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Tgt Ion:	142	Resp:	1912
Ion Ratio	Lower	Upper	
142	100		
141	90.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.13 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

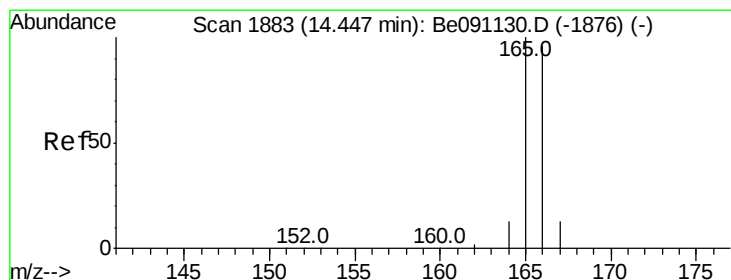
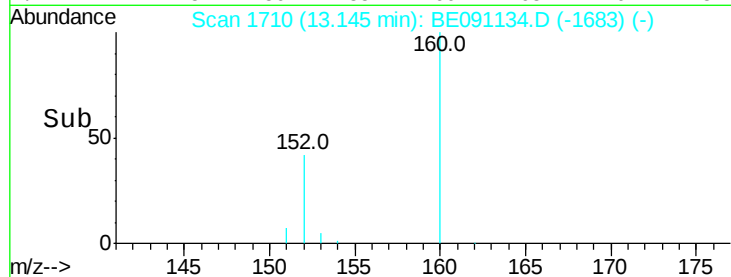
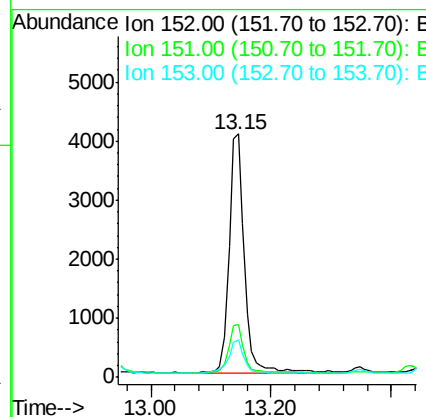
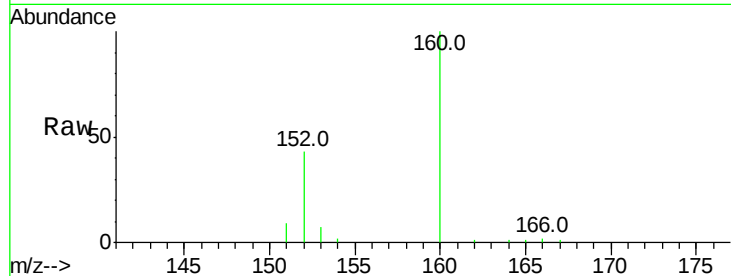
ClientSampleId :

A4HR8

Tot Ion:	152	Resp:	7243
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	15.2	11.3	16.9

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#11

Fluorene

Concen: 0.05 ng/ul

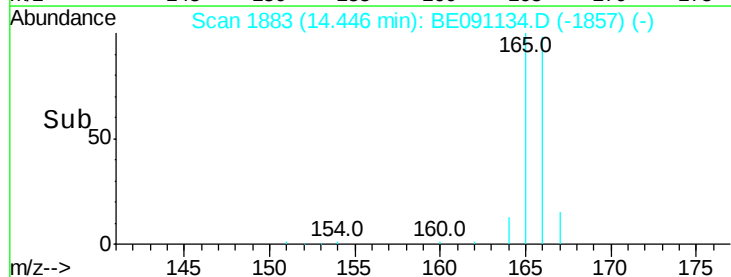
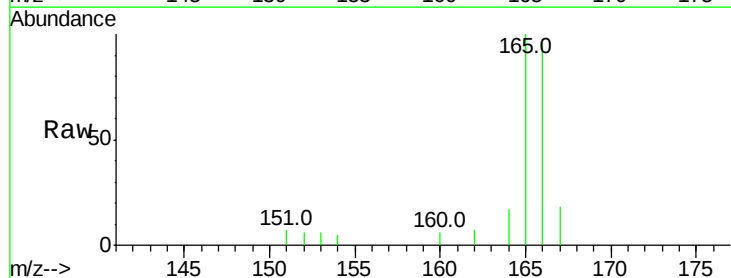
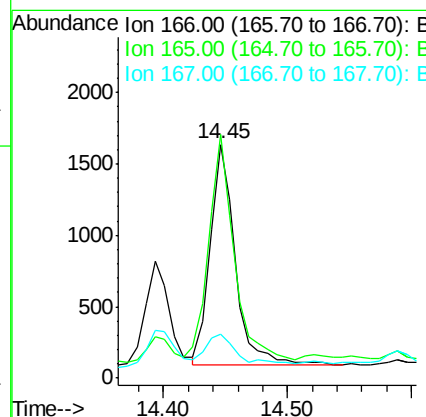
RT: 14.45 min Scan# 1883

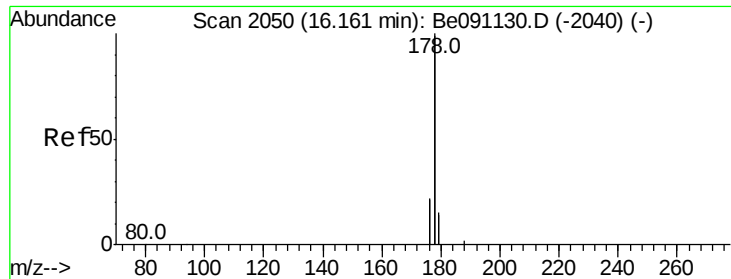
Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Tgt Ion:	166	Resp:	2188
Ion Ratio	Lower	Upper	
166	100		
165	104.3	87.6	131.4
167	18.8	11.1	16.7#





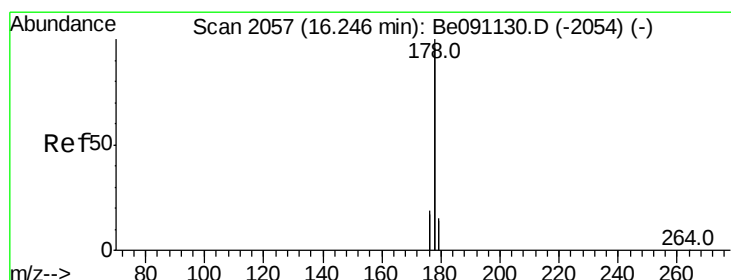
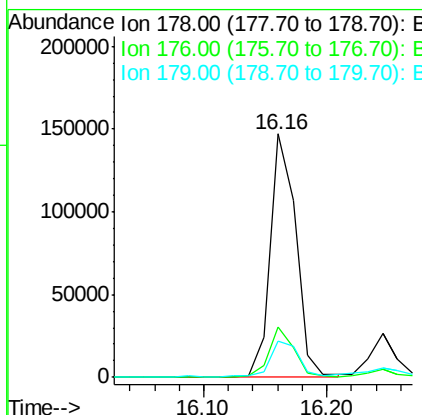
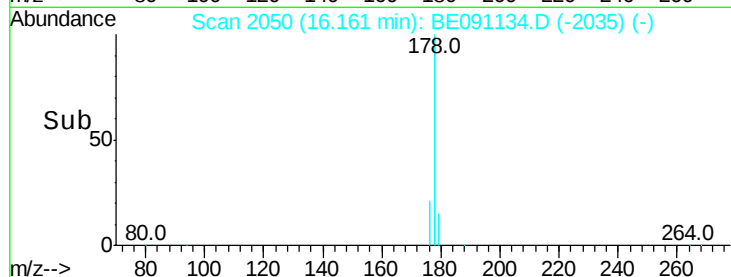
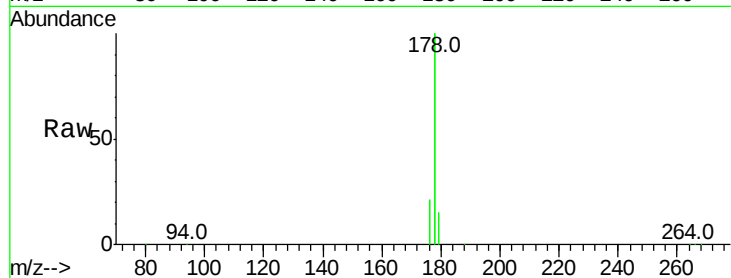
#14
Phenanthrene
Concen: 0.67 ng/ul
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Instrument :
BNA_E
ClientSampleId :
A4HR8

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	14.7	12.8	19.2

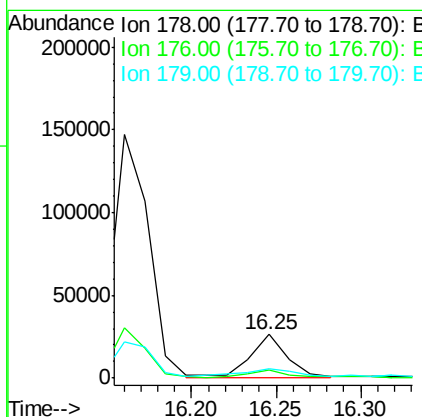
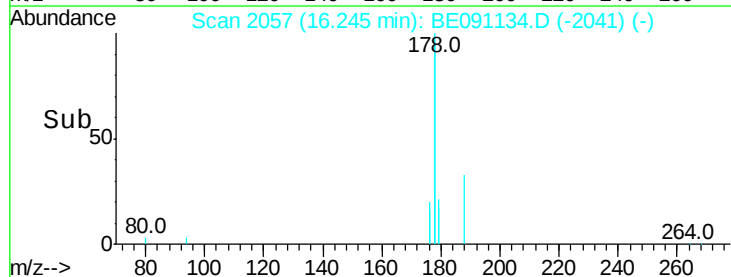
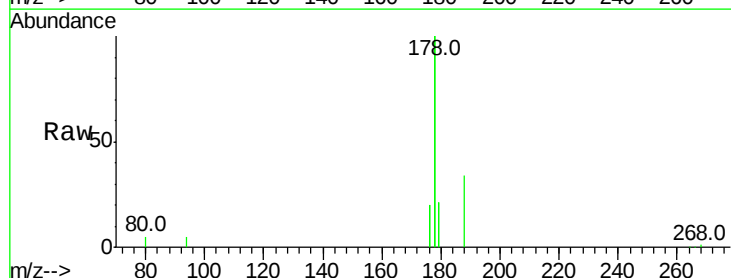
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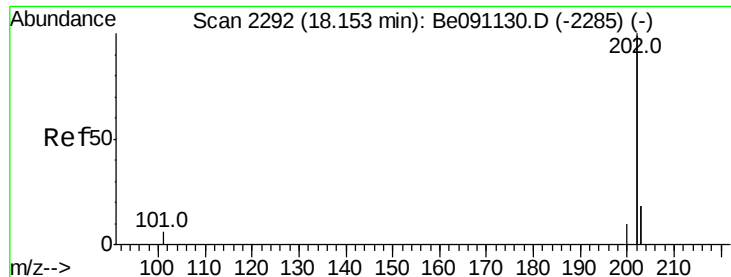
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#15
Anthracene
Concen: 0.14 ng/ul m
RT: 16.25 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	21.4	13.3	19.9#





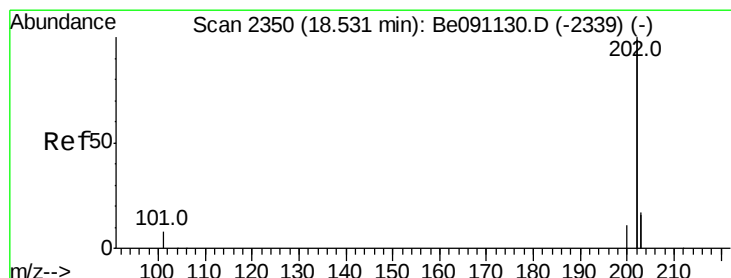
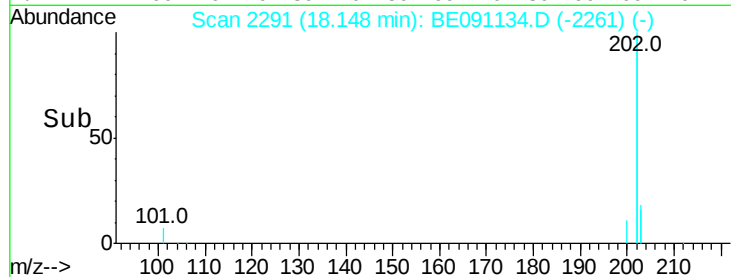
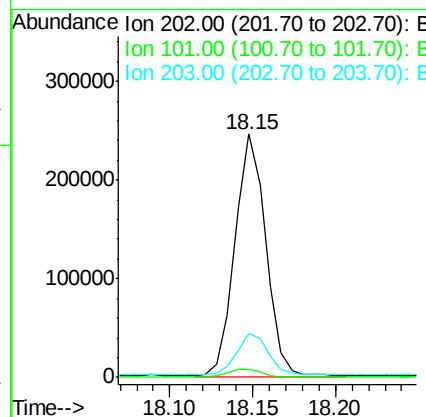
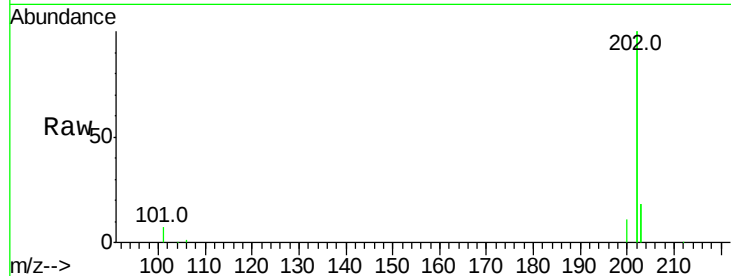
#17
Fluoranthene
Concen: 0.87 ng/ul m
RT: 18.15 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Instrument :
BNA_E
ClientSampleId :
A4HR8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.0	0.0	33.1
203	18.1	0.0	37.2

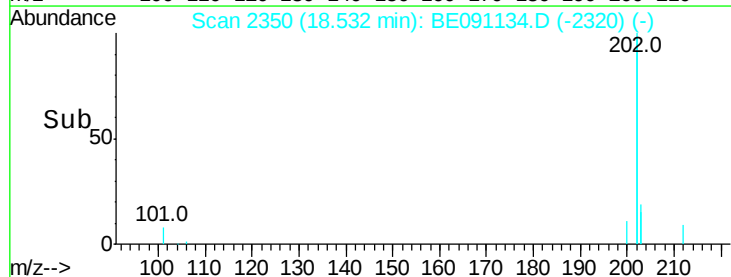
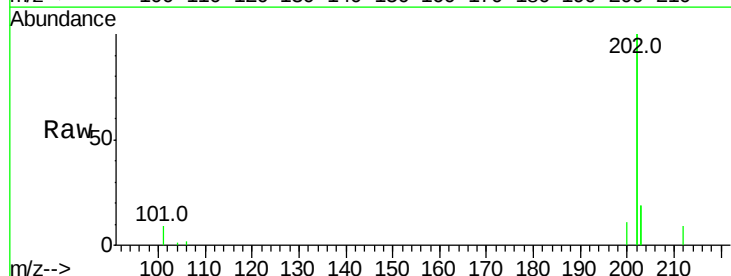
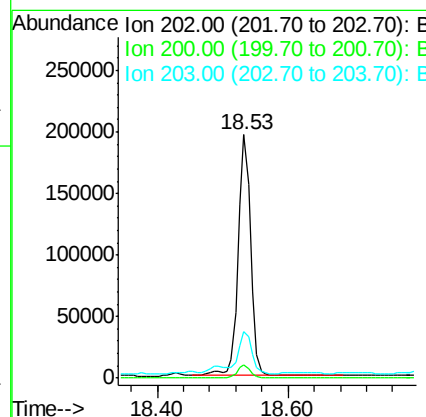
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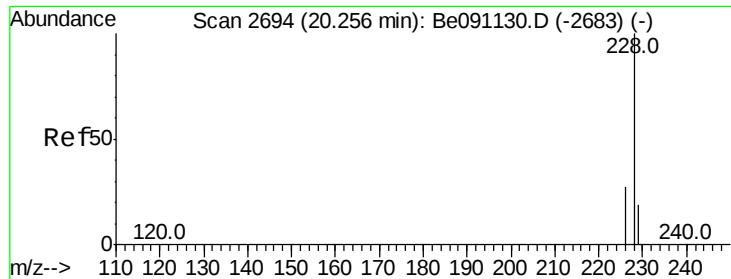
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#19
Pyrene
Concen: 0.59 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	19.2	13.8	20.6





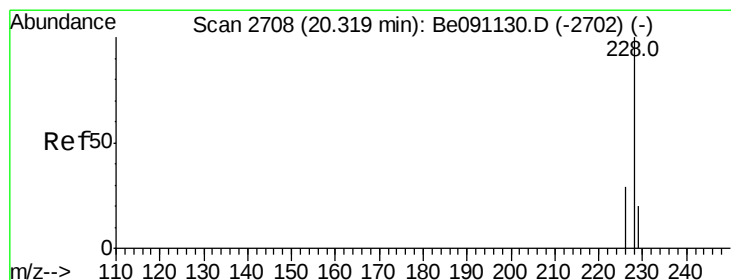
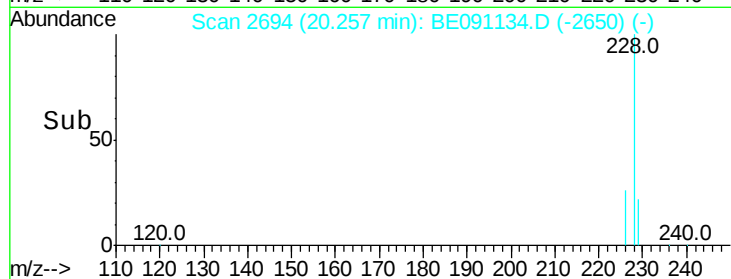
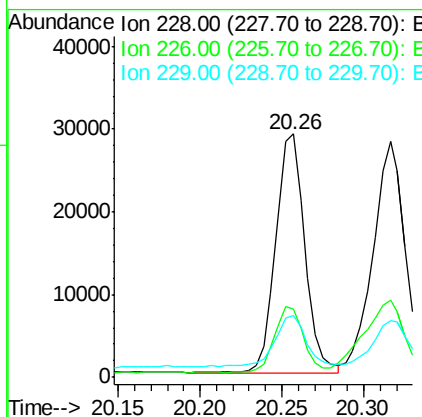
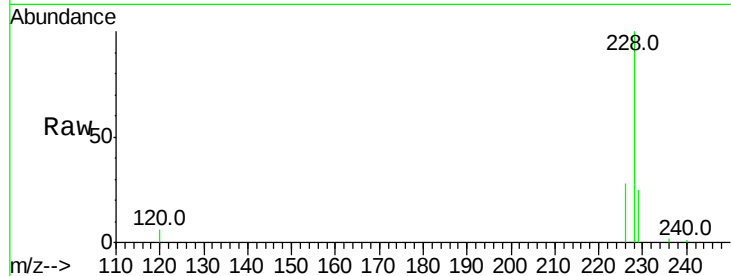
#20
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 20.26 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Instrument :
BNA_E
ClientSampleId :
A4HR8

Tot Ion	Ratio	Resp	Lower	Upper
228	100	35625		
226	28.2	23.0	34.4	
229	25.5	15.2	22.8	

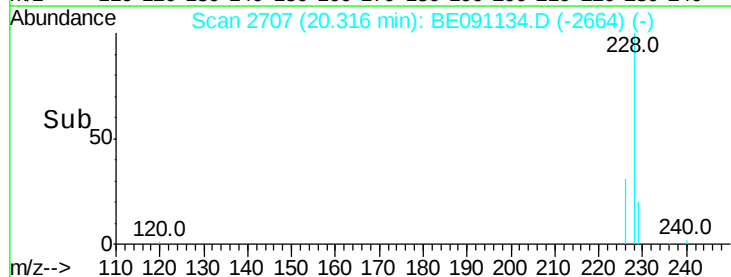
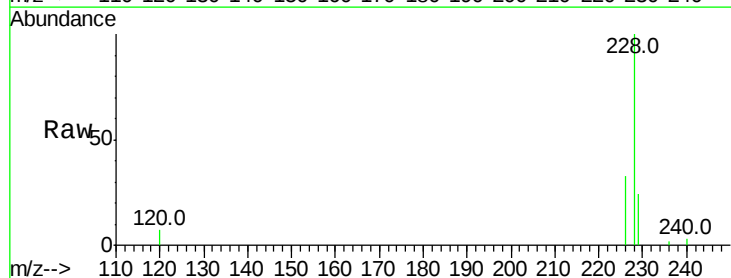
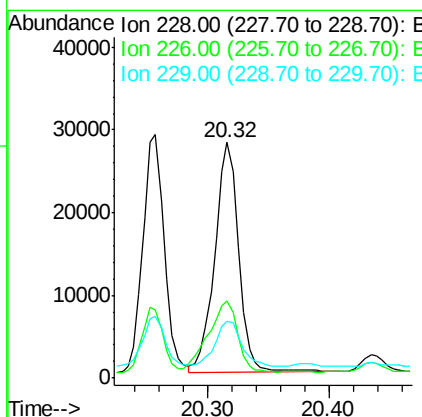
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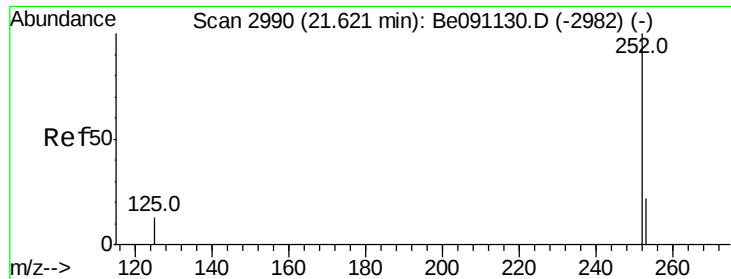
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#21
Chrysene
Concen: 0.34 ng/ul
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	38677		
226	32.6	25.7	38.5	
229	24.2	15.2	22.8	





#23

Benzo(b)fluoranthene

Concen: 0.26 ng/ul

RT: 21.62 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

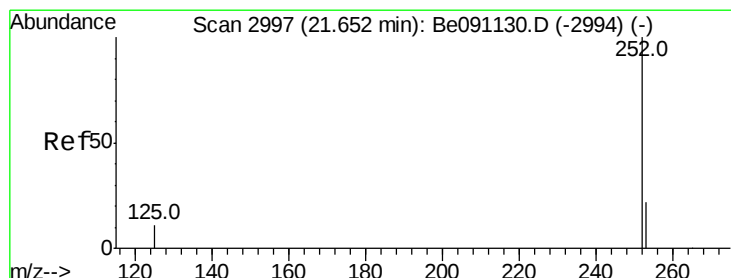
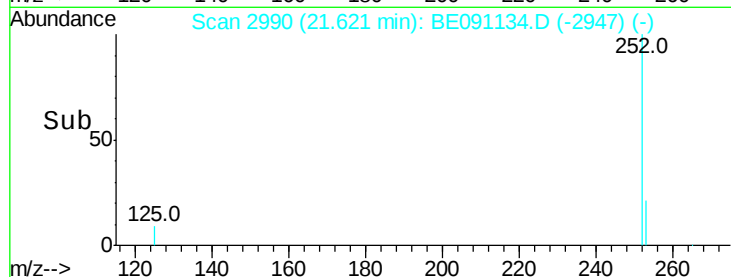
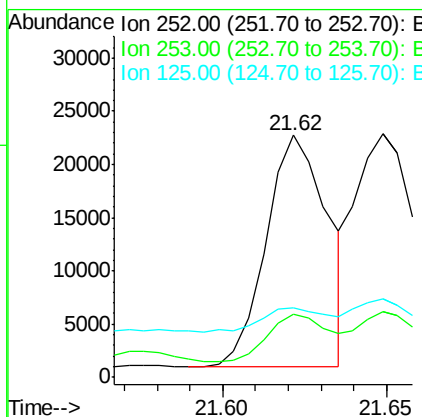
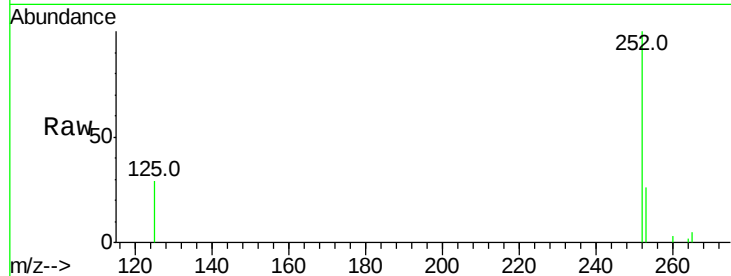
ClientSampleId :

A4HR8

Tot Ion:	252	Resp:	28460
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	48.0
125	28.7	0.0	36.6

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#24

Benzo(k)fluoranthene

Concen: 0.26 ng/ul

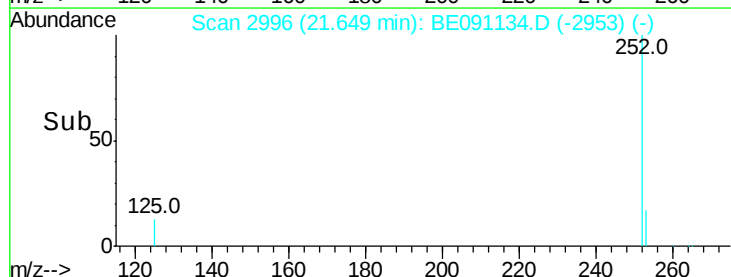
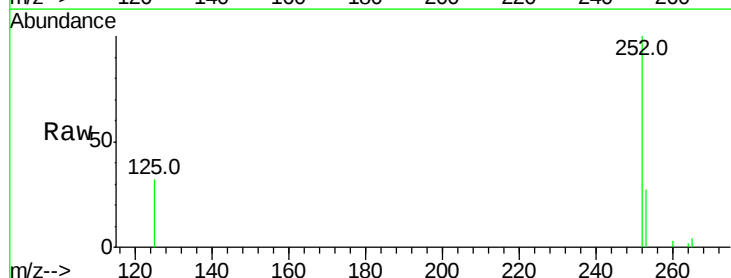
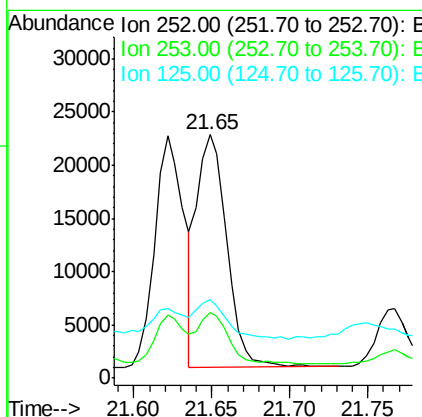
RT: 21.65 min Scan# 2996

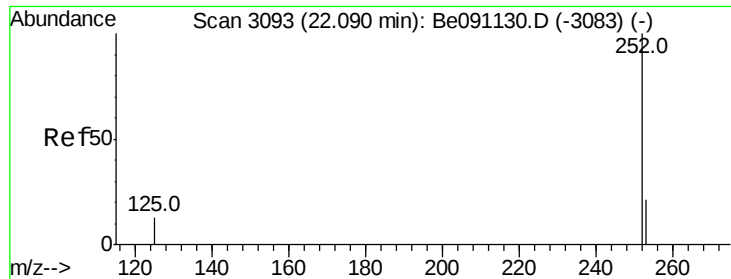
Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Tgt Ion:	252	Resp:	28954
Ion Ratio	Lower	Upper	
252	100		
253	27.1	20.8	31.2
125	32.1	12.2	18.4#





#25

Benzo(a)pyrene

Concen: 0.30 ng/ul

RT: 22.09 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Instrument :

BNA_E

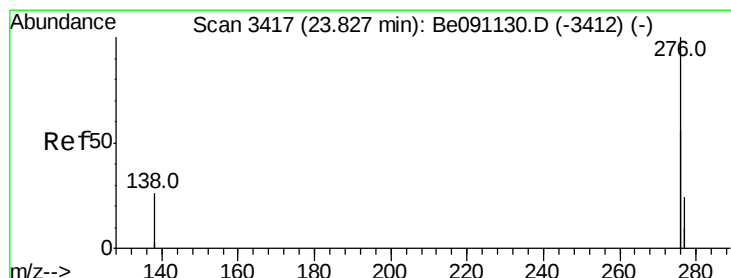
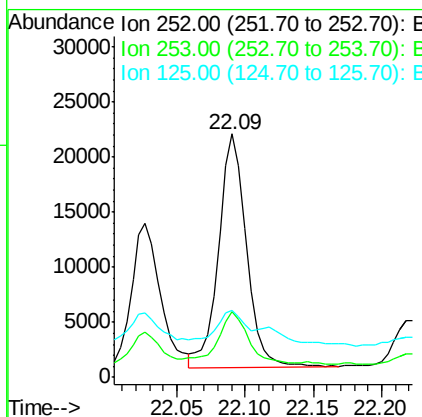
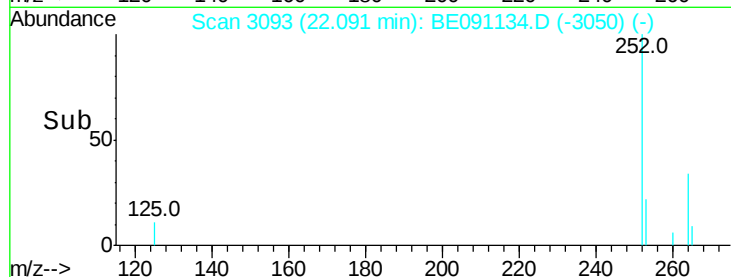
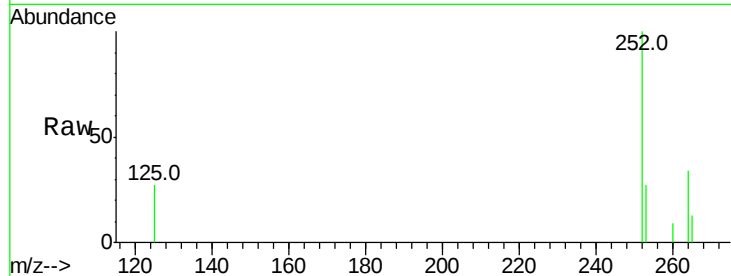
ClientSampleId :

A4HR8

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.8
125	27.3	14.5	21.7

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng/ul m

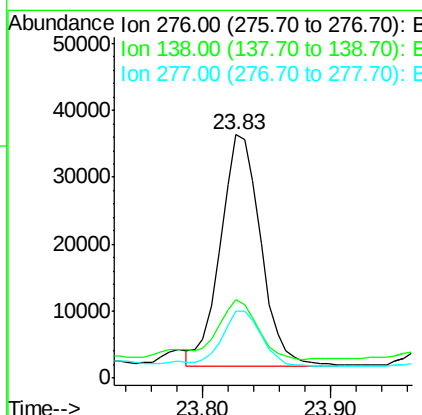
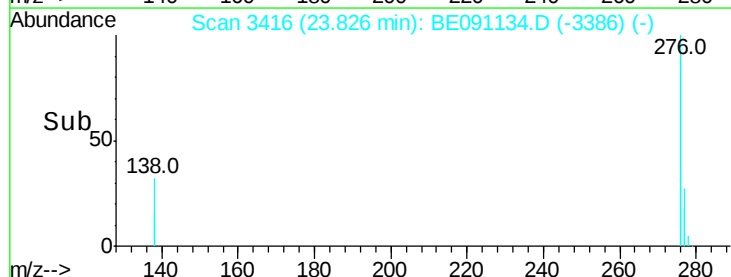
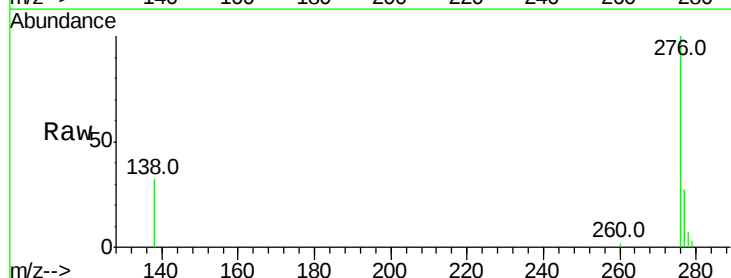
RT: 23.83 min Scan# 3416

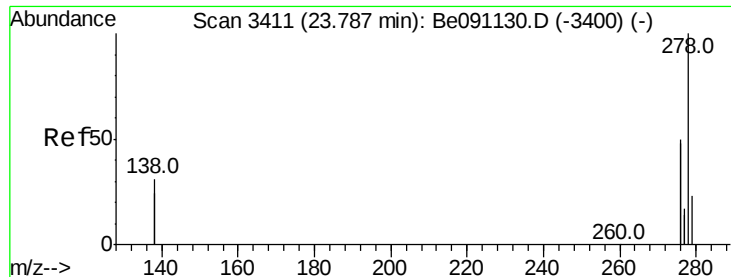
Delta R.T. -0.01 min

Lab File: BE091134.D

Acq: 12 Nov 2015 8:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.5	41.3
277	25.9	19.3	28.9





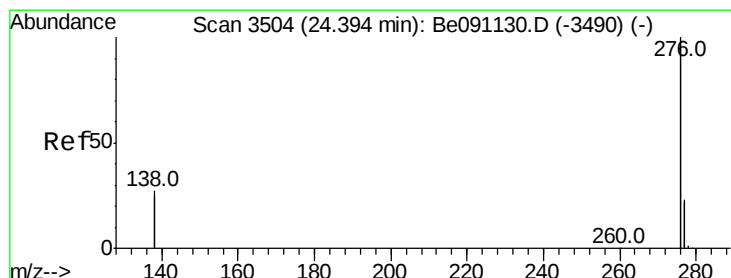
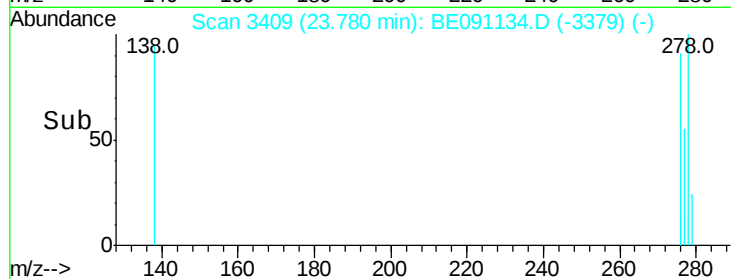
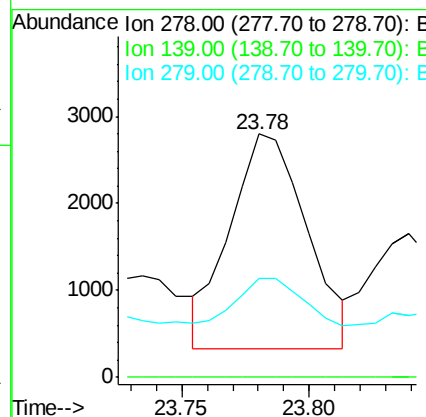
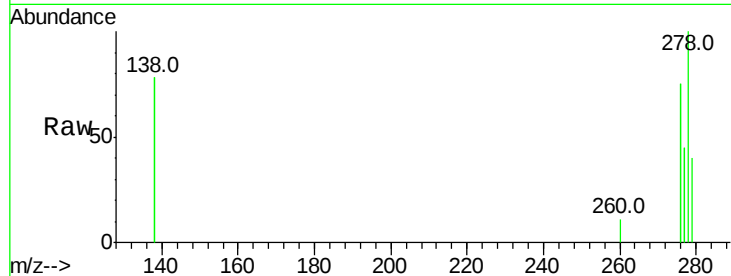
#27
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 23.78 min Scan# 3409
Delta R.T. -0.01 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Instrument :
BNA_E
ClientSampleId :
A4HR8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	40.5	21.9	32.9#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:20 PM



#28
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 24.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BE091134.D
Acq: 12 Nov 2015 8:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.7	21.3	31.9
138	34.1	25.5	38.3

