

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091142.D
 Acq On : 12 Nov 2015 13:17
 Operator : UM/NP
 Sample : G4322-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Manual Integrations
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 11/16/2015 12:42:32 PM

Quant Time: Nov 13 16:51:06 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	6.89	152	3176	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	15340	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	8340	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	18912m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.29	240	27193	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	29860	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.91	96	11109	4.86	ng/uL	-0.04
6) 2-Methylnaphthalene-d10	11.07	152	2929	0.14	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	7109	0.13	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	3696	0.10	ng/ul#	95
7) 2-Methylnaphthalene	11.14	142	1353	0.05	ng/ul	93
9) Acenaphthylene	13.15	152	6012	0.14	ng/ul	98
10) Acenaphthene	13.46	153	8352	0.29	ng/ul	89
11) Fluorene	14.45	166	9396	0.26	ng/ul	93
14) Phenanthrene	16.16	178	702551m	3.22	ng/ul	
15) Anthracene	16.25	178	143453	0.72	ng/ul	97
17) Fluoranthene	18.15	202	1022698	4.00	ng/ul	89
19) Pyrene	18.53	202	875811	2.83	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	106902	1.53	ng/ul	97
21) Chrysene	20.32	228	117097	1.46	ng/ul	97
23) Benzo(b)fluoranthene	21.62	252	100157	1.07	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	88717	0.93	ng/ul	96
25) Benzo(a)pyrene	22.09	252	100336m	1.17	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	263581m	0.73	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	17328	0.20	ng/ul#	72
28) Benzo(g,h,i)perylene	24.40	276	233767	0.62	ng/ul	94

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

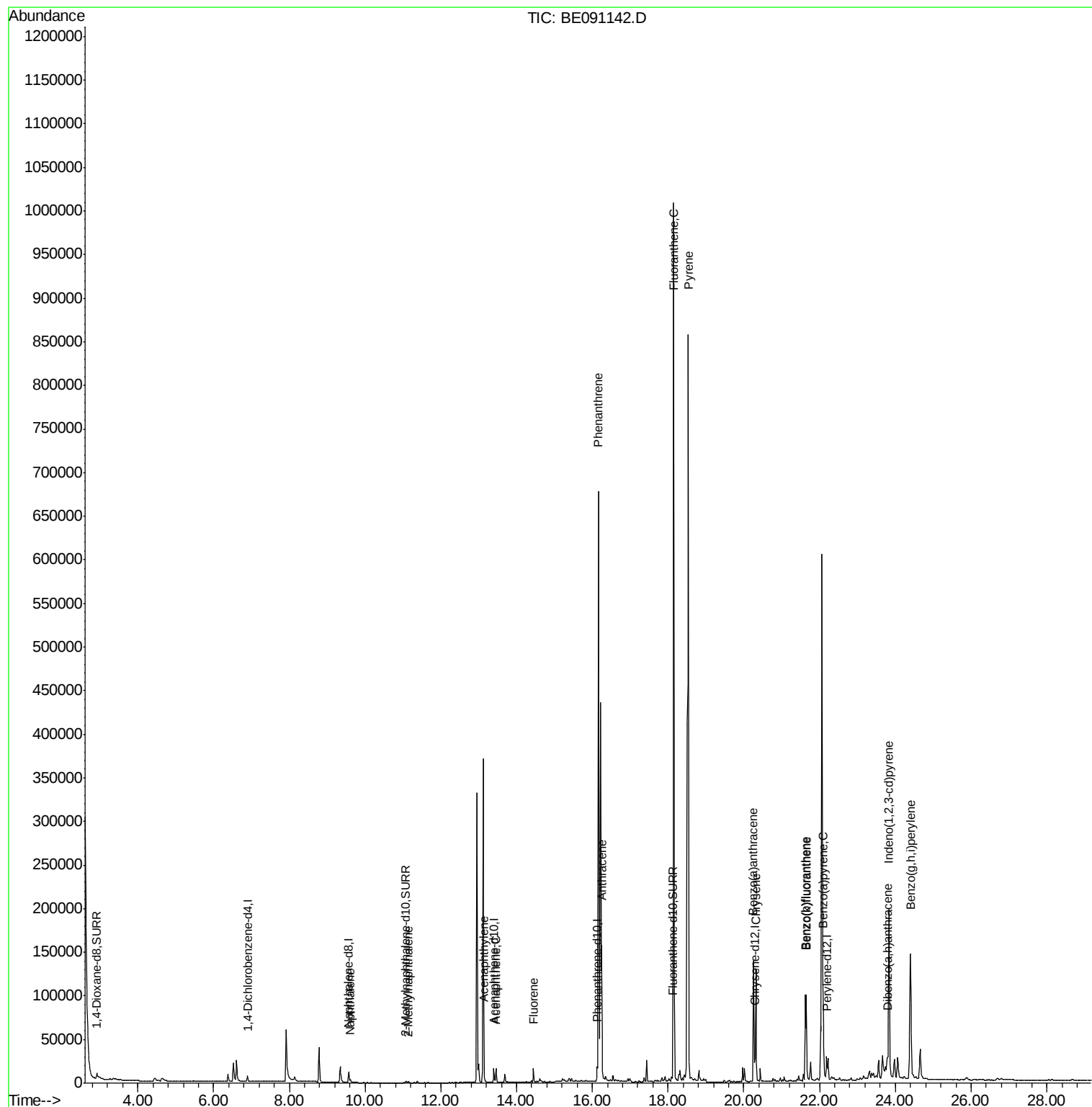
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

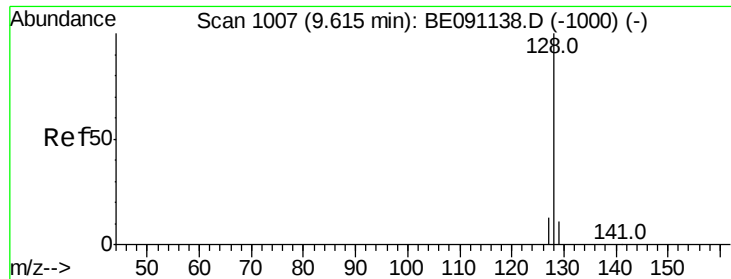
Instrument :
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#5

Naphthalene

Concen: 0.10 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091142.D

Acq: 12 Nov 2015 13:17

Instrument :

BNA_E

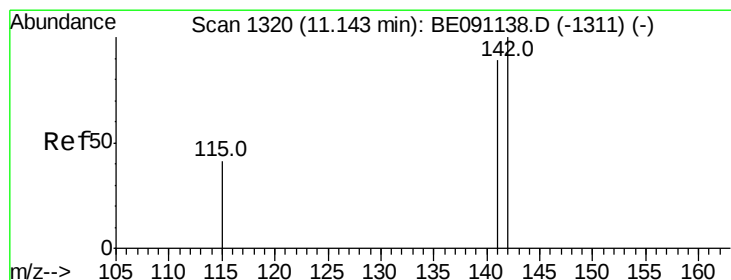
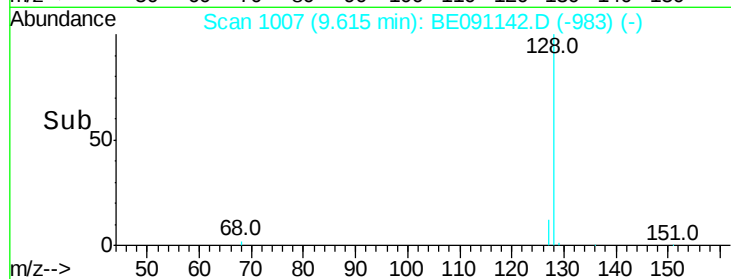
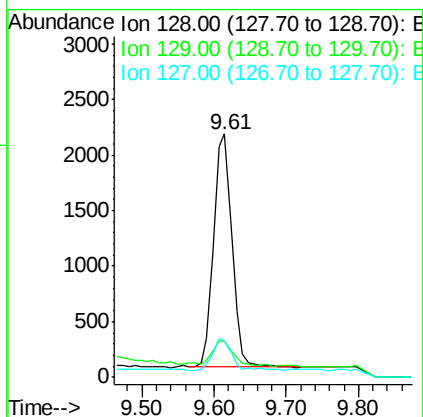
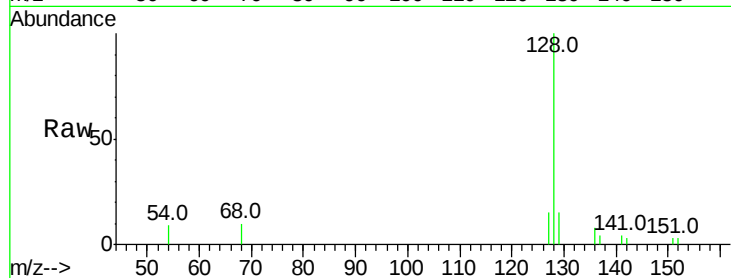
ClientSampleId :

A4HS6

Tot Ion:	128	Resp:	3696
Ion Ratio	Lower	Upper	
128	100		
129	14.8	9.8	14.8#
127	15.1	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.05 ng/ul

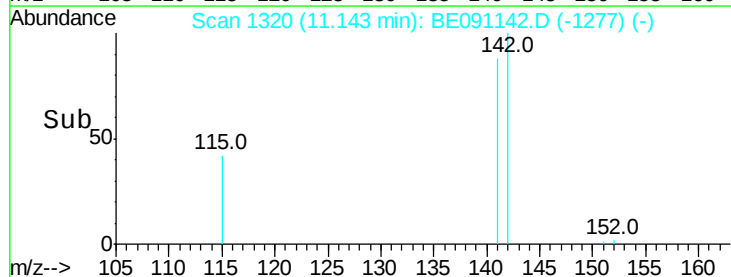
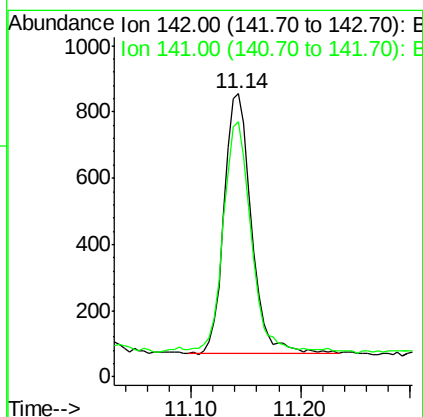
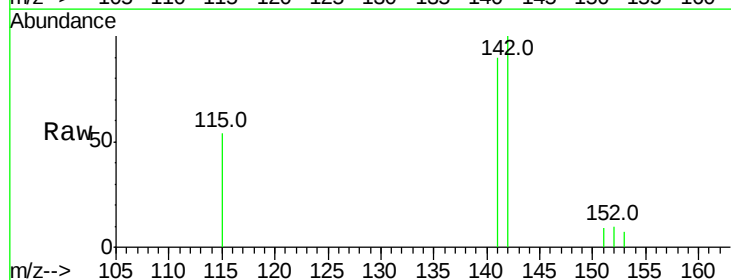
RT: 11.14 min Scan# 1320

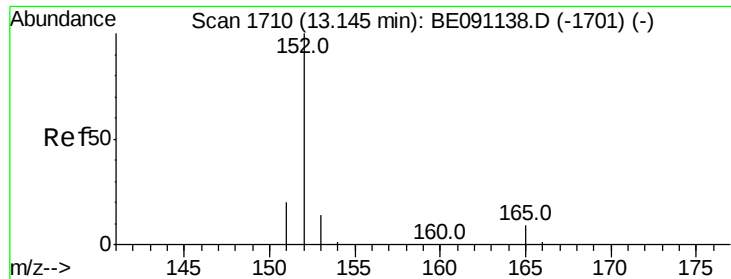
Delta R.T. -0.01 min

Lab File: BE091142.D

Acq: 12 Nov 2015 13:17

Tgt Ion:	142	Resp:	1353
Ion Ratio	Lower	Upper	
142	100		
141	94.8	70.3	105.5





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091142.D

Acq: 12 Nov 2015 13:17

Instrument :

BNA_E

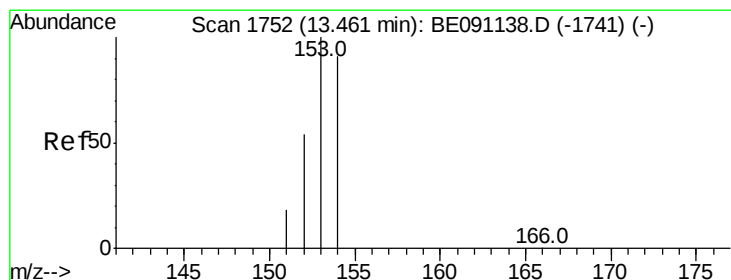
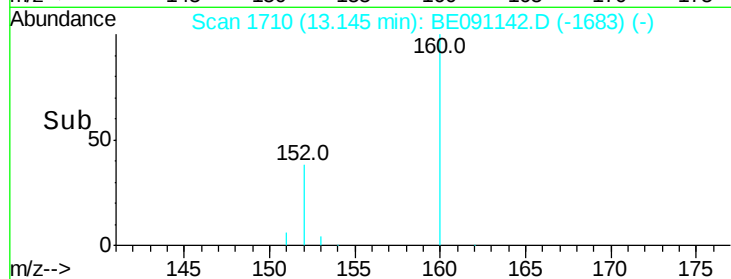
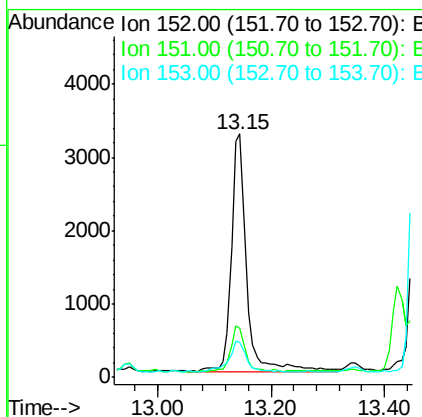
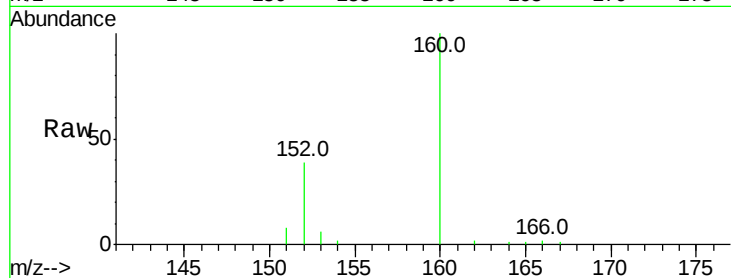
ClientSampleId :

A4HS6

Tot Ion:	152	Resp:	6012
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.8	25.2
153	14.5	11.3	16.9

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#10

Acenaphthene

Concen: 0.29 ng/ul

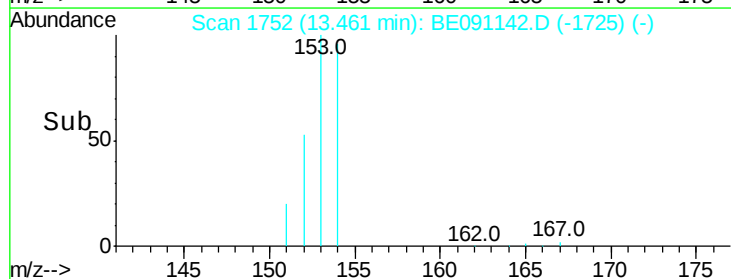
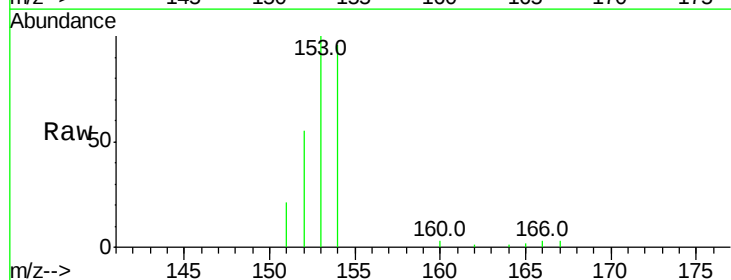
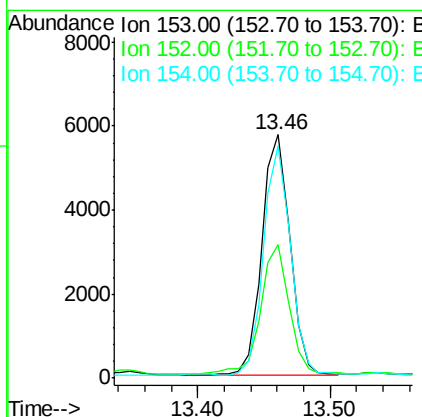
RT: 13.46 min Scan# 1752

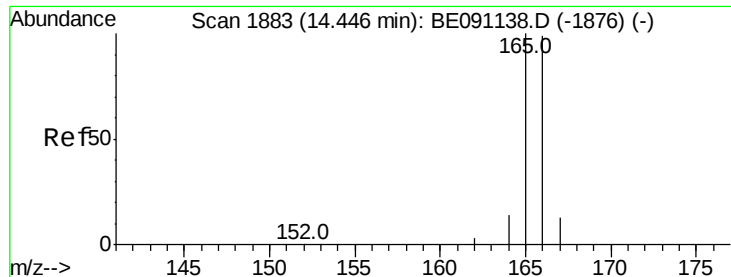
Delta R.T. -0.00 min

Lab File: BE091142.D

Acq: 12 Nov 2015 13:17

Tgt Ion:	153	Resp:	8352
Ion Ratio	Lower	Upper	
153	100		
152	54.8	42.3	63.5
154	95.5	64.7	97.1





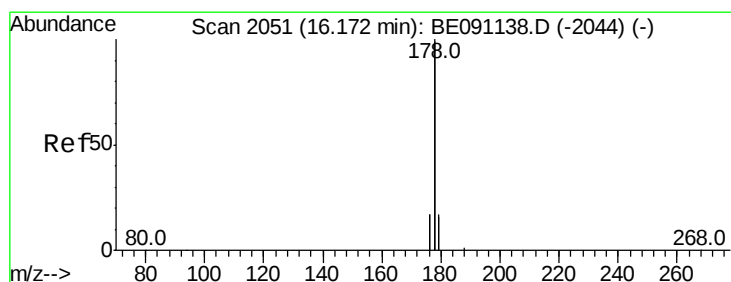
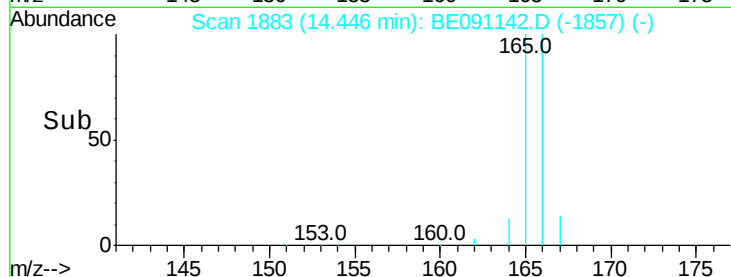
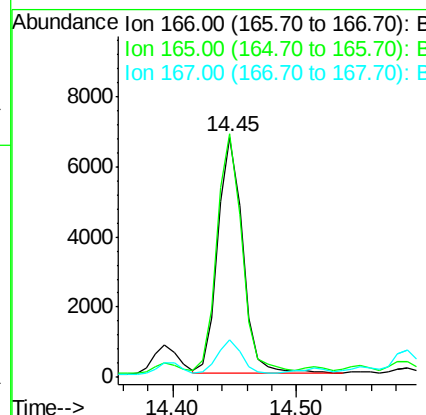
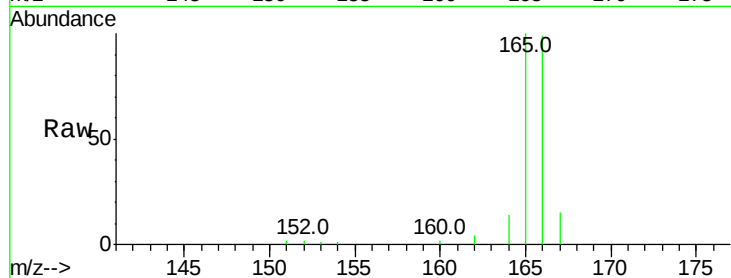
#11
Fluorene
Concen: 0.26 ng/ul
RT: 14.45 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	87.6	131.4
167	15.5	11.1	16.7

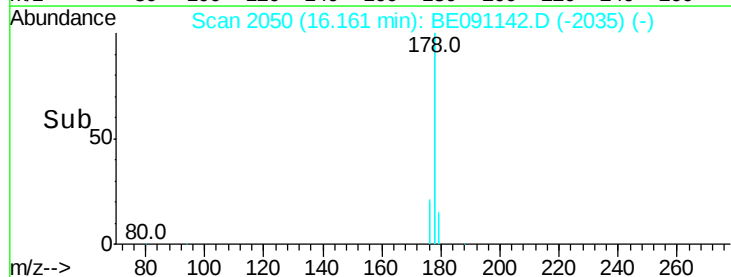
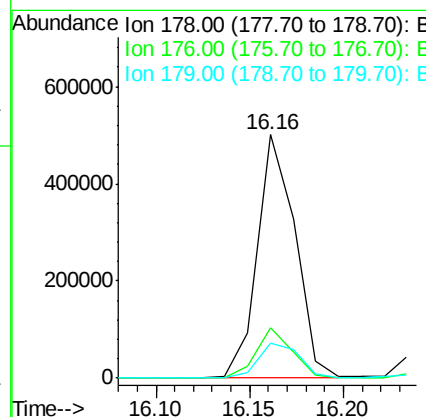
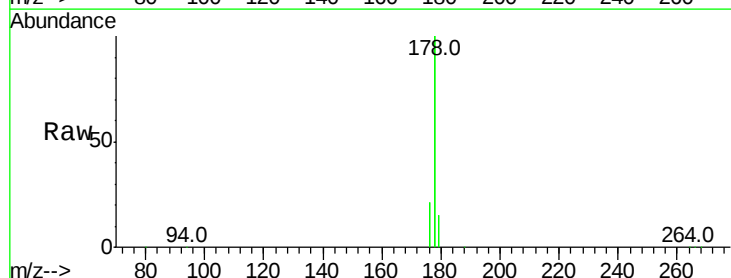
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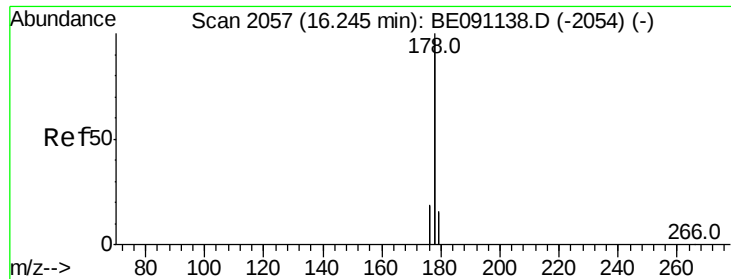
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#14
Phenanthrene
Concen: 3.22 ng/ul m
RT: 16.16 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	14.6	12.8	19.2





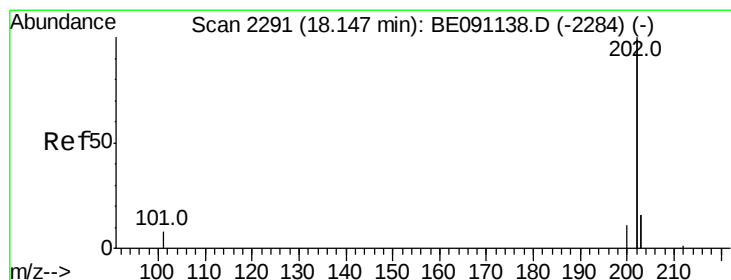
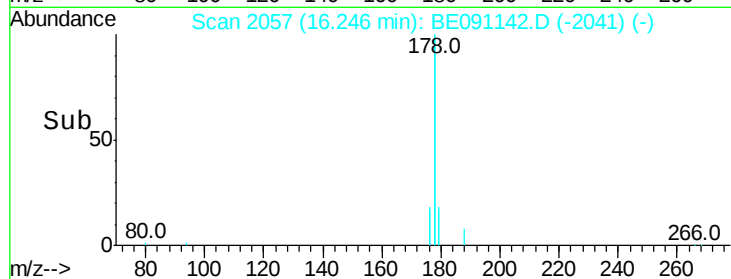
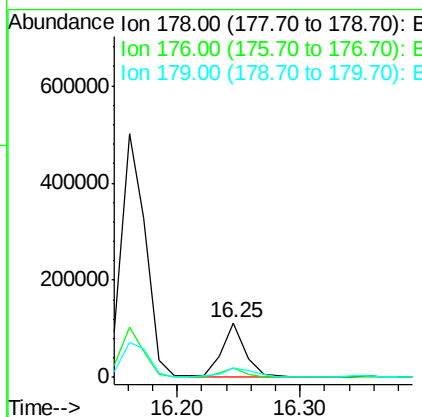
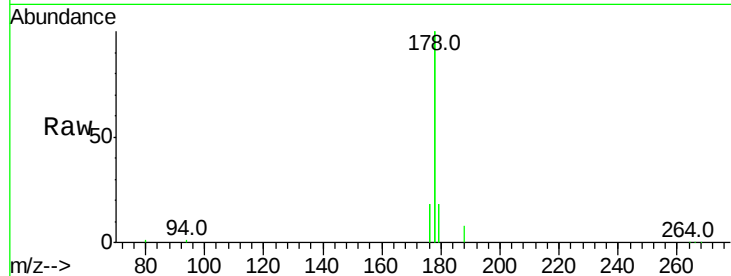
#15
 Anthracene
 Concen: 0.72 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091142.D
 Acq: 12 Nov 2015 13:17

Instrument :
 BNA_E
 ClientSampleId :
 A4HS6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	17.9	13.3	19.9

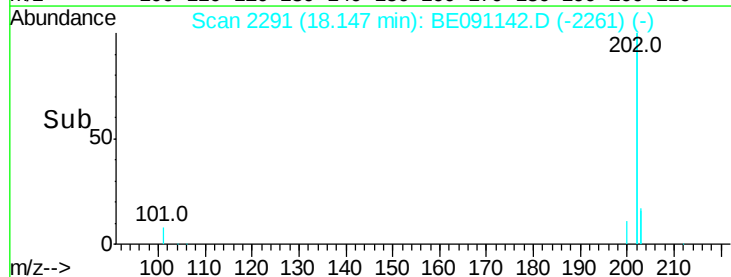
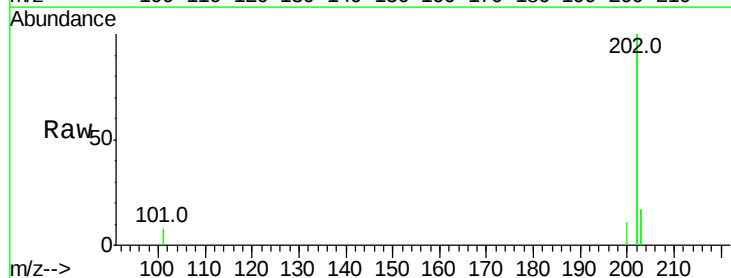
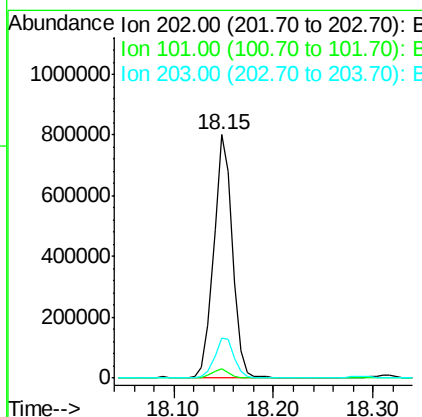
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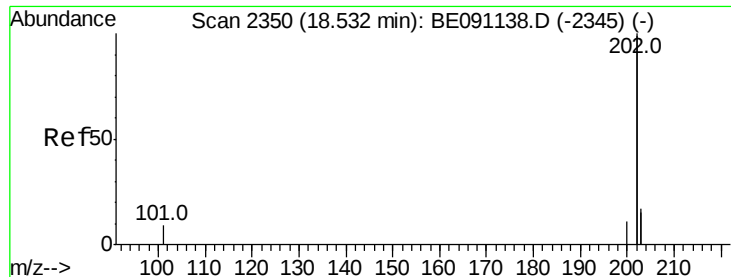
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#17
 Fluoranthene
 Concen: 4.00 ng/ul
 RT: 18.15 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BE091142.D
 Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	33.1
203	16.7	0.0	37.2





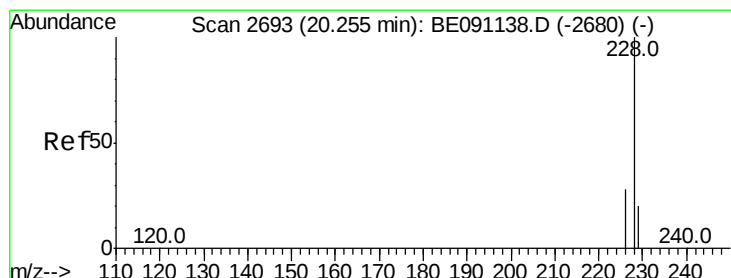
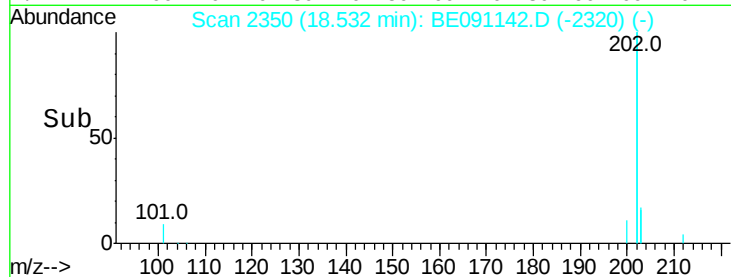
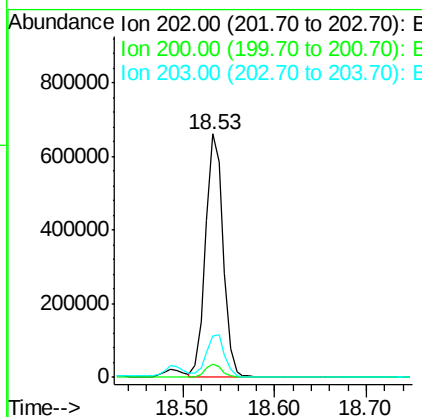
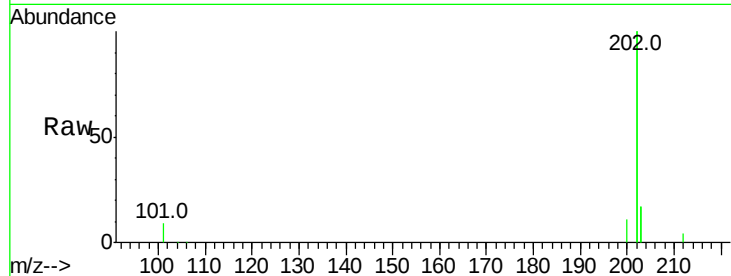
#19
Pvrene
Concen: 2.83 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	875811		
200	5.6	18.0	27.0#	
203	17.1	13.8	20.6	

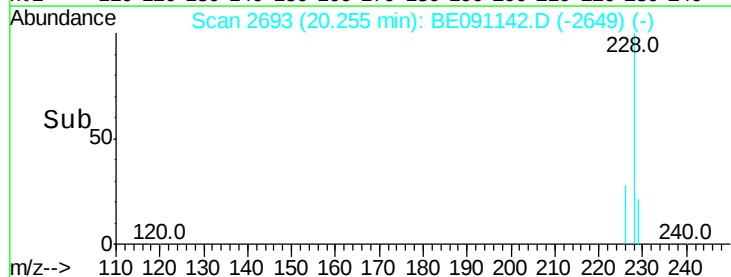
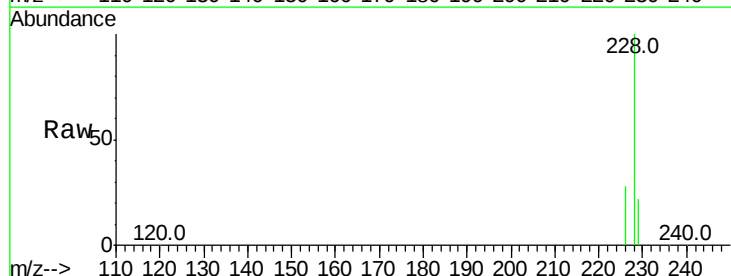
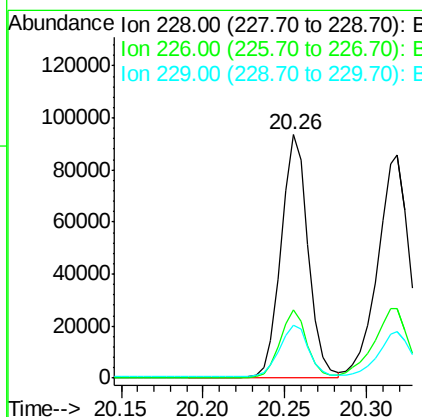
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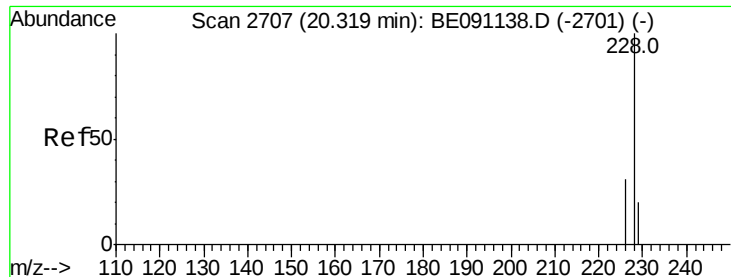
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#20
Benzo(a)anthracene
Concen: 1.53 ng/ul
RT: 20.26 min Scan# 2693
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	106902		
226	28.1	23.0	34.4	
229	21.7	15.2	22.8	





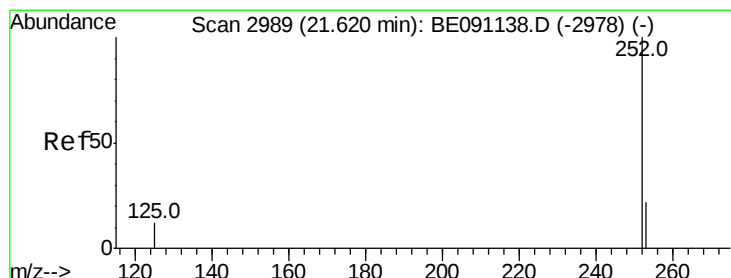
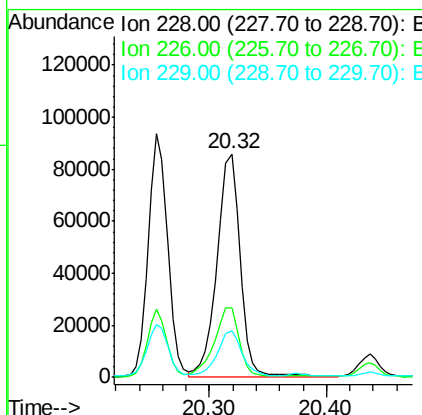
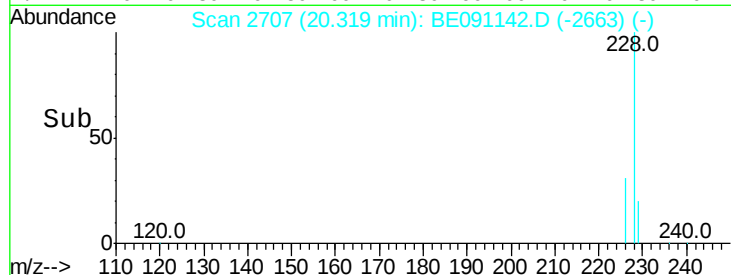
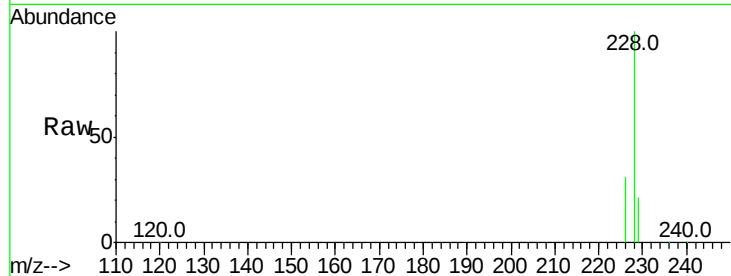
#21
Chrysene
Concen: 1.46 ng/uL
RT: 20.32 min Scan# 2707
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	20.6	15.2	22.8

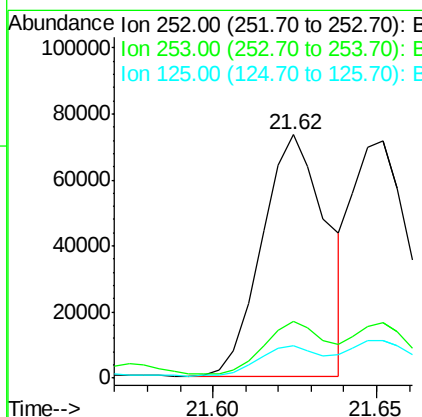
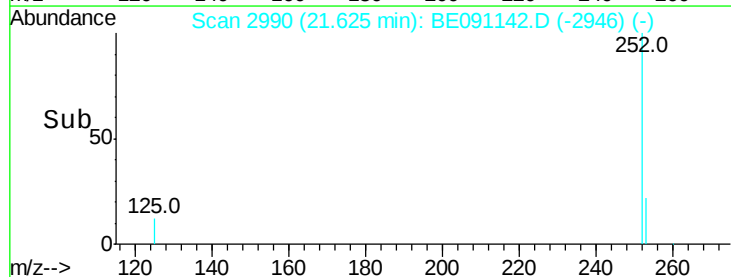
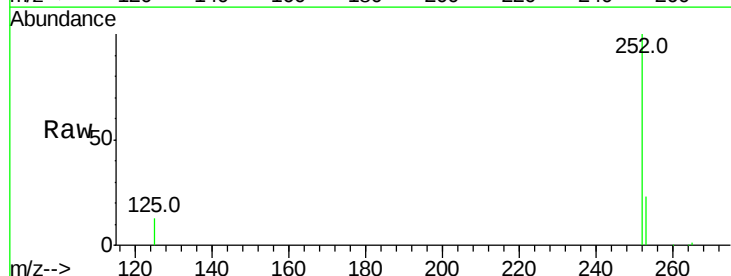
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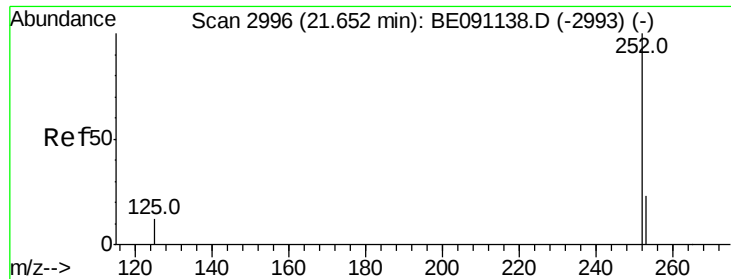
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#23
Benzo(b)fluoranthene
Concen: 1.07 ng/uL
RT: 21.62 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.0
125	13.1	0.0	36.6





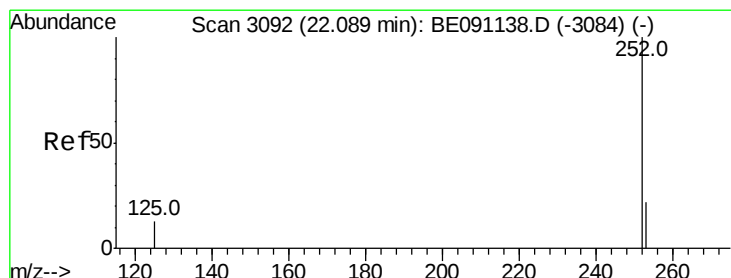
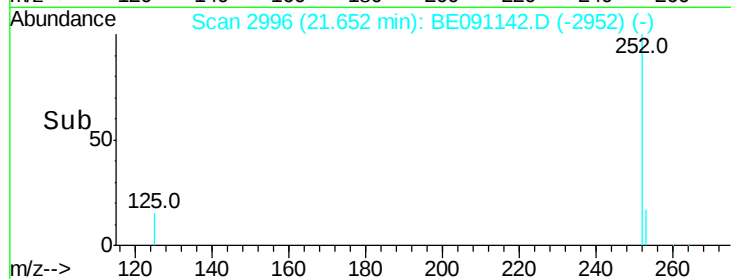
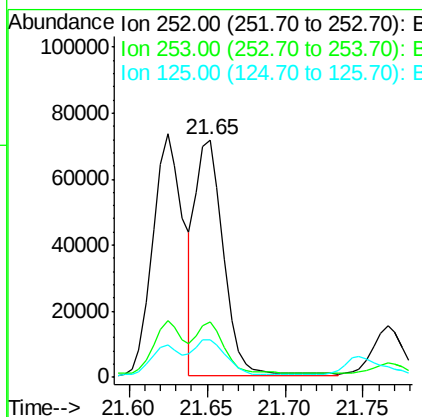
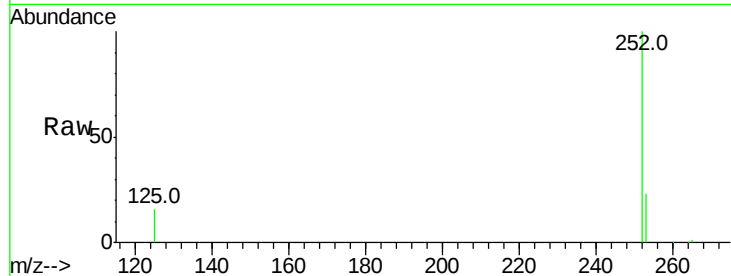
#24
Benzo(k)fluoranthene
Concen: 0.93 ng/ul
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.8	31.2
125	16.0	12.2	18.4

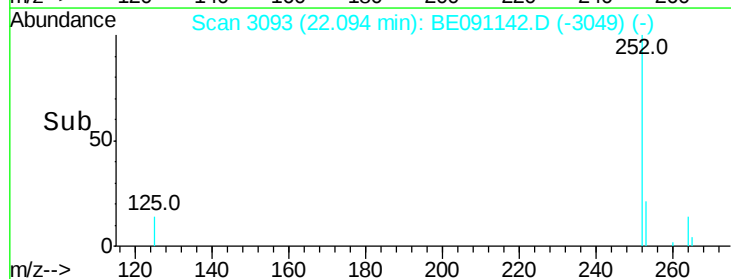
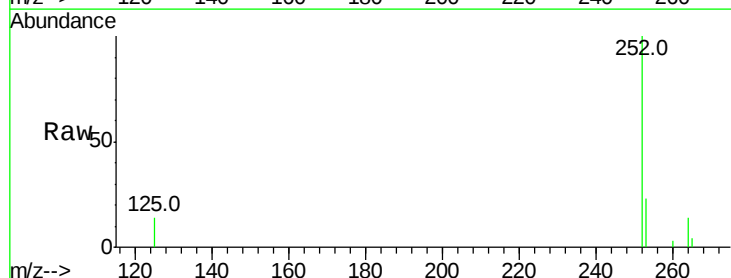
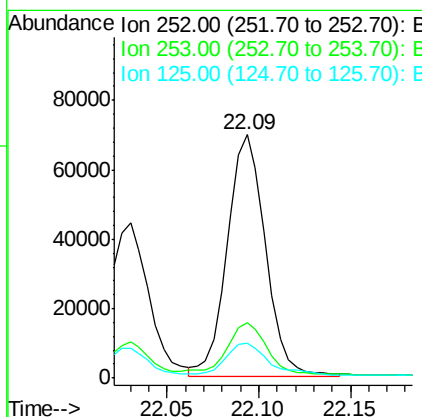
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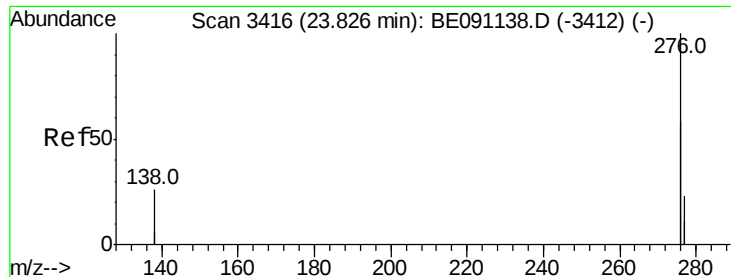
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#25
Benzo(a)pyrene
Concen: 1.17 ng/ul m
RT: 22.09 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	21.8	32.8
125	14.5	14.5	21.7#





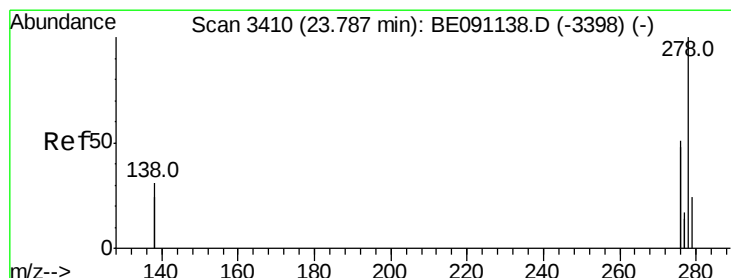
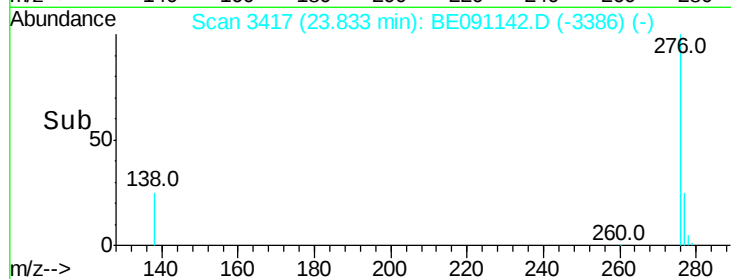
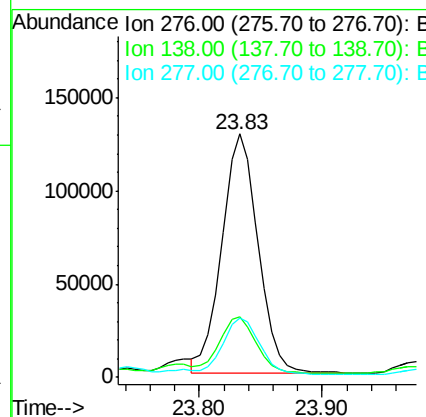
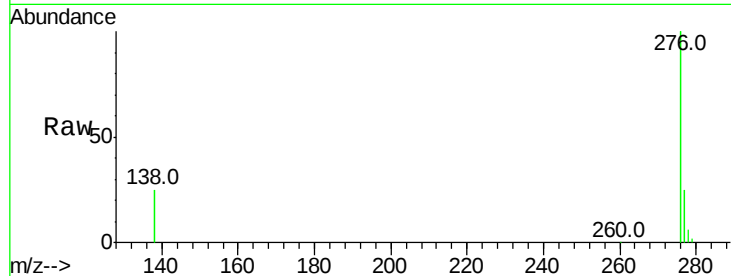
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.73 ng/ul m
RT: 23.83 min Scan# 3417
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Instrument :
BNA_E
ClientSampleId :
A4HS6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	263581		
138	23.8	27.5	41.3#	
277	25.2	19.3	28.9	

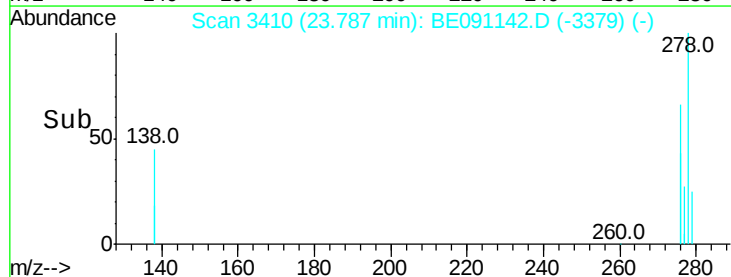
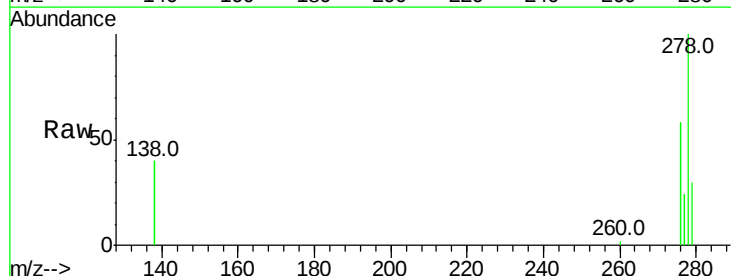
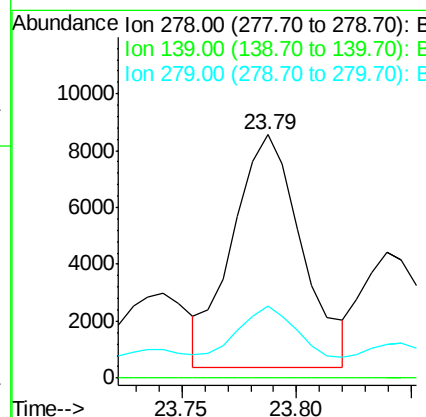
Manual Integrations
APPROVED

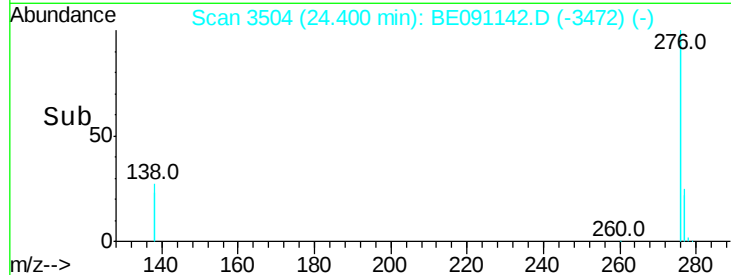
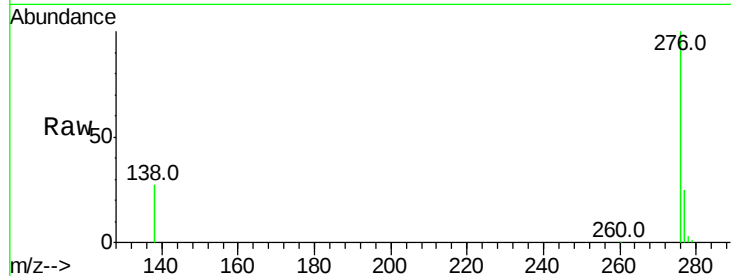
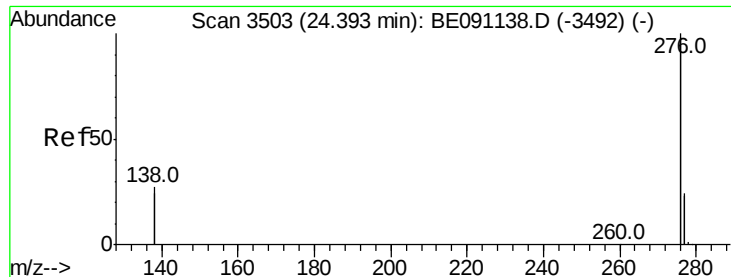
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#27
Dibenzo(a,h)anthracene
Concen: 0.20 ng/ul
RT: 23.79 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BE091142.D
Acq: 12 Nov 2015 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	17328		
139	0.0	21.7	32.5#	
279	29.7	21.9	32.9	





#28

Benzo(a,h,i)perylene

Concen: 0.62 ng/ul

RT: 24.40 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BE091142.D

Acq: 12 Nov 2015 13:17

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	21.3	31.9
138	27.1	25.5	38.3

Instrument :

BNA_E

ClientSampleId :

A4HS6

Manual Integrations
APPROVED

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