

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
 Data File : BE091077.D
 Acq On : 5 Nov 2015 22:06
 Operator : UM/NP
 Sample : G4273-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9

Manual Integrations
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Quant Time: Nov 09 13:28:53 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 : Mon Nov 09 05:49:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3671	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20248	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	12082	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	28647m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	31919	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	39302	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	12975	4.91	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.08	152	4948	0.18	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	14486	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	9.62	128	6392	0.13	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	2939	0.09	ng/ul	97
9) Acenaphthylene	13.15	152	5147	0.09	ng/ul	97
10) Acenaphthene	13.46	153	1951	0.05	ng/ul	92
11) Fluorene	14.45	166	3598	0.07	ng/ul#	90
14) Phenanthrene	16.17	178	375092m	1.13	ng/ul	
15) Anthracene	16.25	178	148313	0.49	ng/ul	99
17) Fluoranthene	18.15	202	1050931	2.71	ng/ul	89
19) Pyrene	18.54	202	869023	2.40	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	117659	1.44	ng/ul	95
21) Chrysene	20.32	228	112574	1.19	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	80027	0.65	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	90896	0.72	ng/ul	96
25) Benzo(a)pyrene	22.10	252	97308m	0.86	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	210045m	0.44	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	13790	0.12	ng/ul#	71
28) Benzo(g,h,i)perylene	24.40	276	179245	0.36	ng/ul	94

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

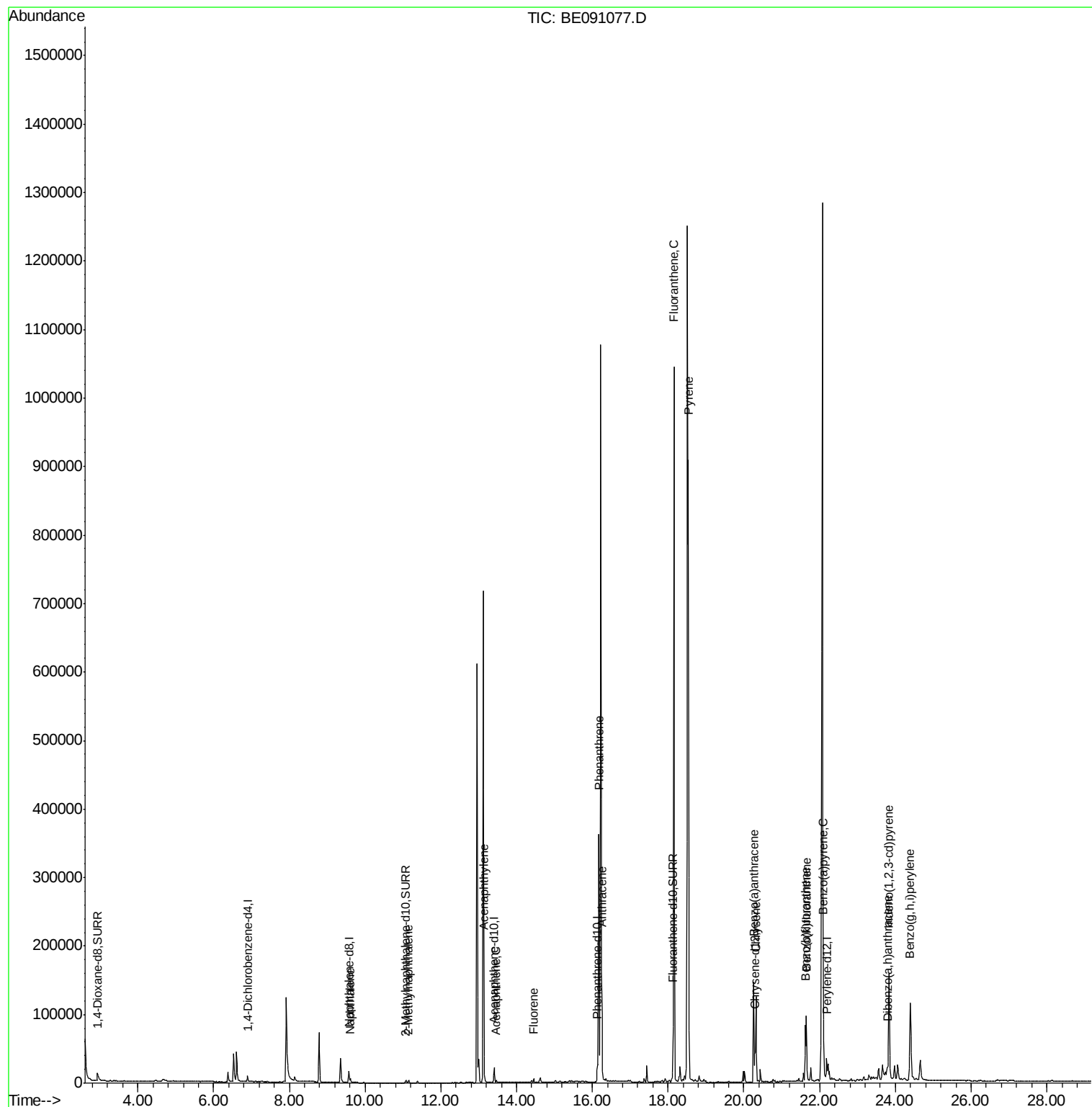
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
Data File : BE091077.D
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Operator : UM/NP
Sample : G4273-13
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ALS Vial : 16 Sample Multiplier: 1

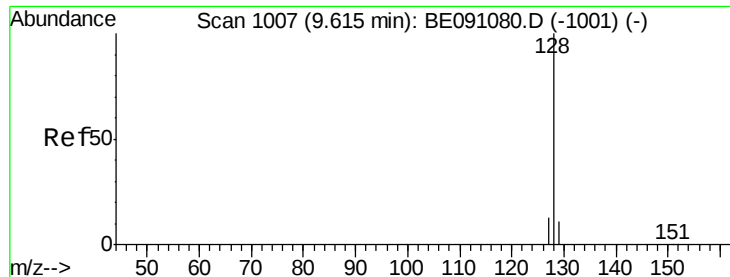
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Mon Nov 09 05:49:45 2015
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#5

Naphthalene

Concen: 0.13 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091077.D

Acq: 5 Nov 2015 22:06

Instrument :

BNA_E

ClientSampleId :

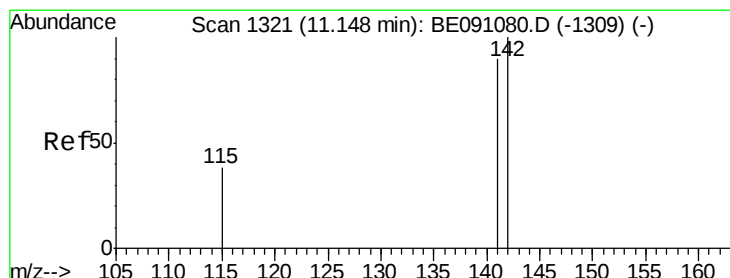
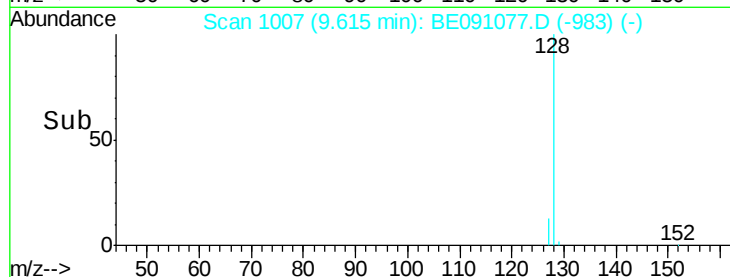
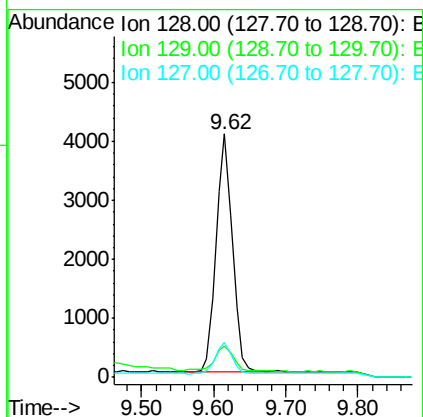
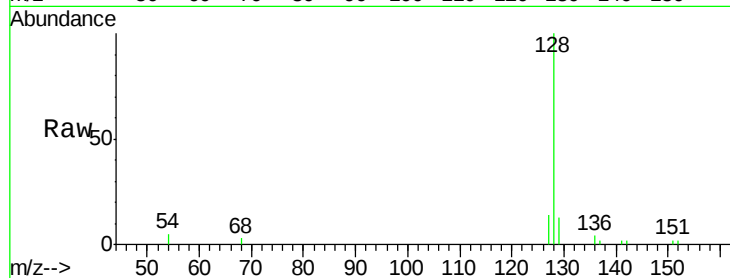
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Tgt Ion:	128	Resp:	6392
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.8	14.8
127	14.1	10.7	16.1



#7

2-Methylnaphthalene

Concen: 0.09 ng/ul

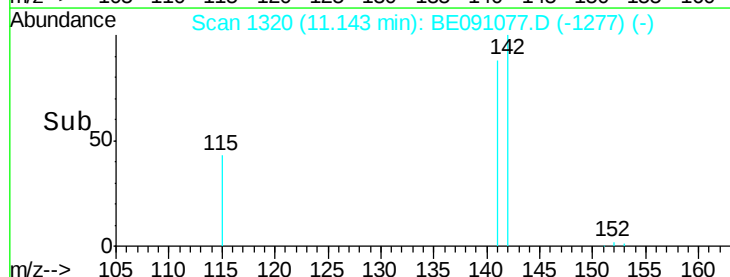
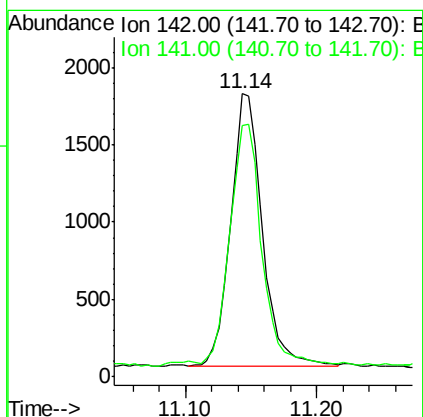
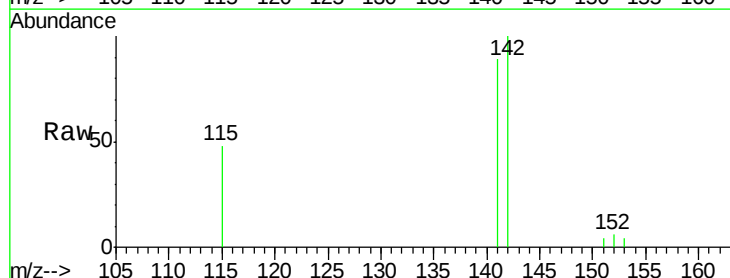
RT: 11.14 min Scan# 1320

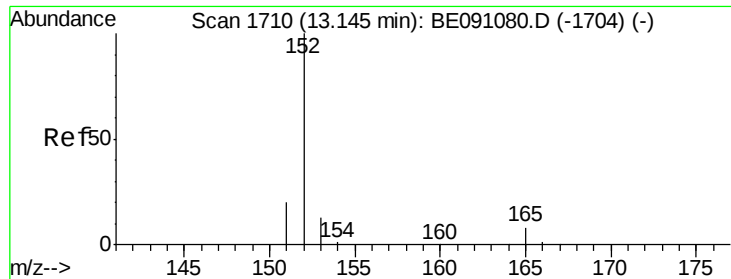
Delta R.T. -0.00 min

Lab File: BE091077.D

Acq: 5 Nov 2015 22:06

Tgt Ion:	142	Resp:	2939
Ion Ratio	Lower	Upper	
142	100		
141	90.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.09 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091077.D

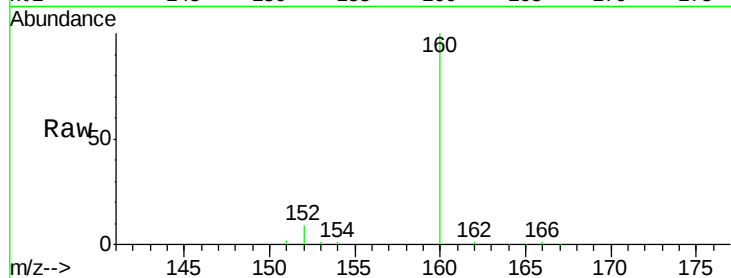
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Instrument :

BNA_E

ClientSampleId :

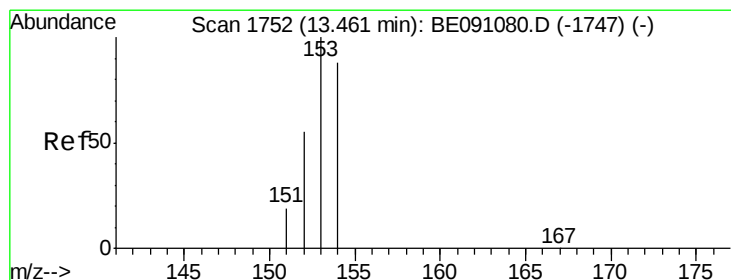
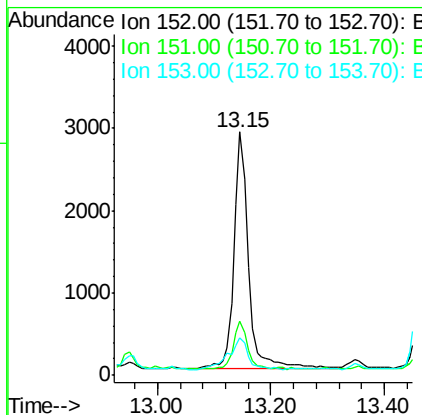
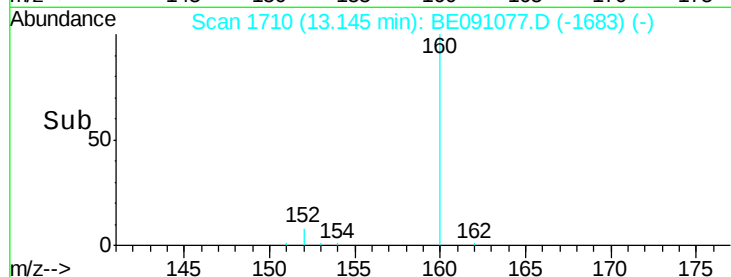
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Tgt Ion:	152	Resp:	5147
Ion Ratio	Lower	Upper	
152	100		
151	22.5	16.8	25.2
153	15.4	11.3	16.9

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#10

Acenaphthene

Concen: 0.05 ng/ul

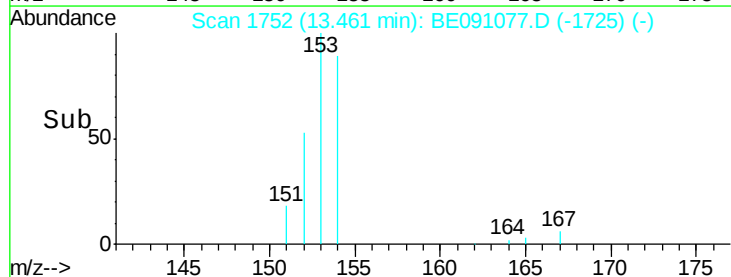
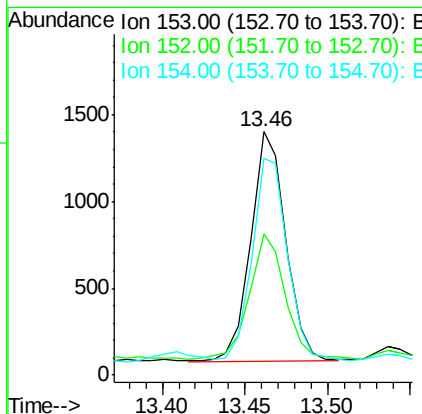
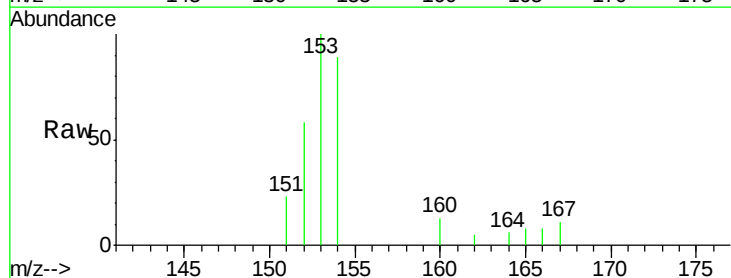
RT: 13.46 min Scan# 1752

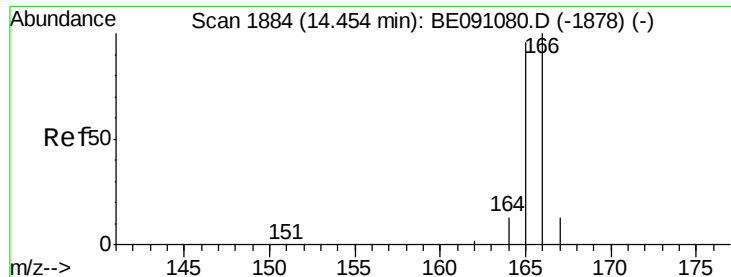
Delta R.T. 0.00 min

Lab File: BE091077.D

Acq: 5 Nov 2015 22:06

Tgt Ion:	153	Resp:	1951
Ion Ratio	Lower	Upper	
153	100		
152	58.1	42.3	63.5
154	89.0	64.7	97.1





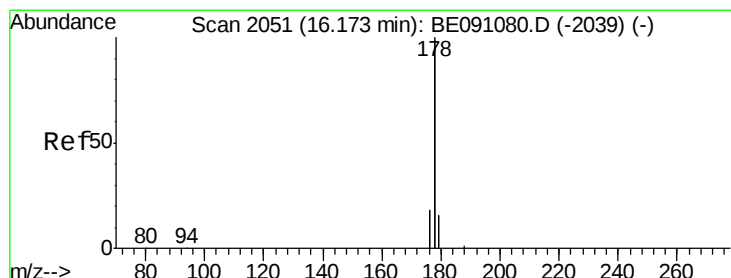
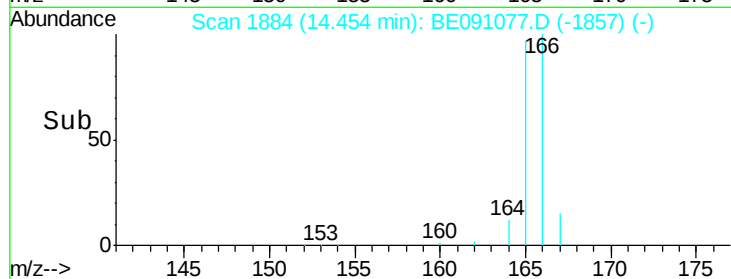
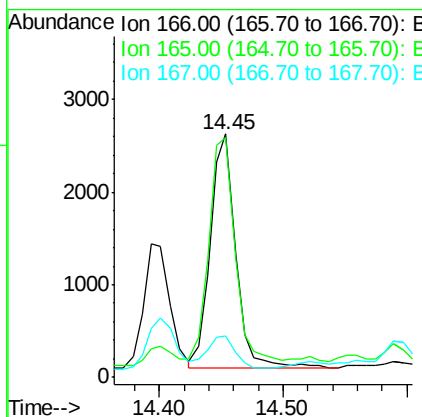
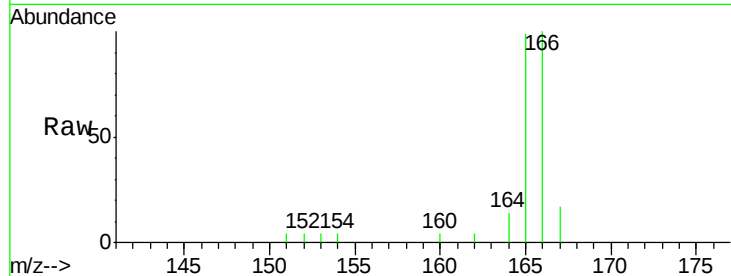
#11
Fluorene
 Concen: 0.07 ng/ul
 RT: 14.45 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	87.6	131.4
167	17.1	11.1	16.7

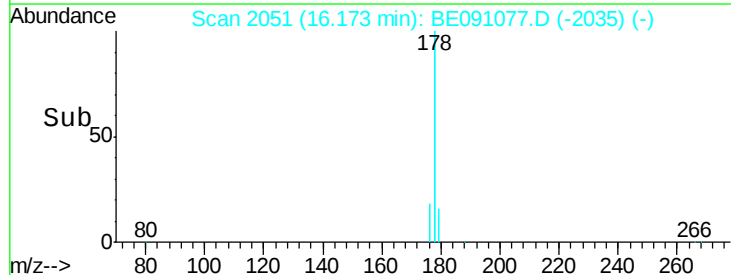
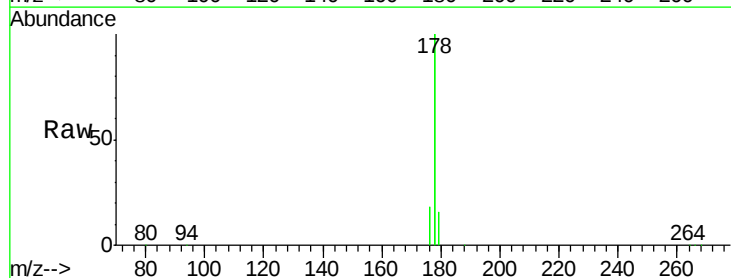
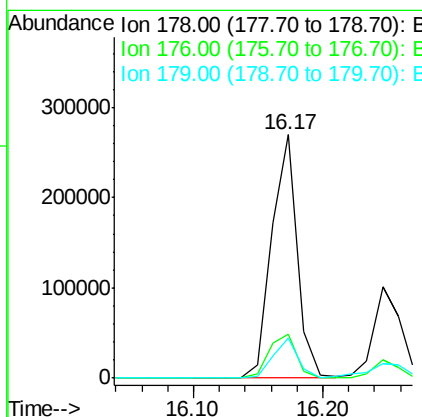
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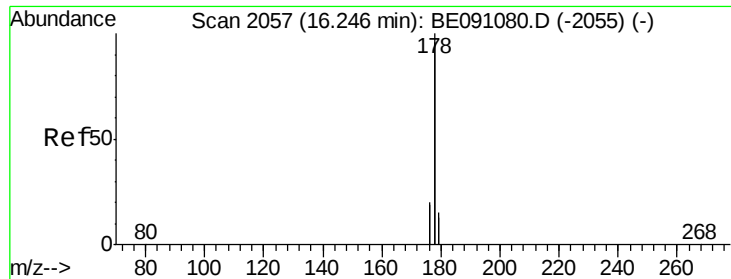
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#14
Phenanthrene
 Concen: 1.13 ng/ul m
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	16.3	12.8	19.2





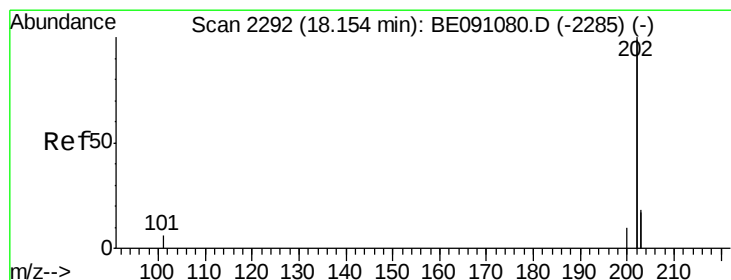
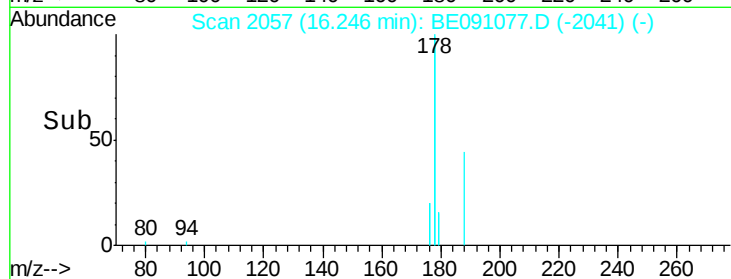
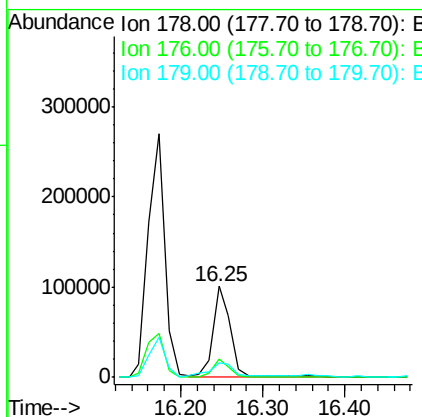
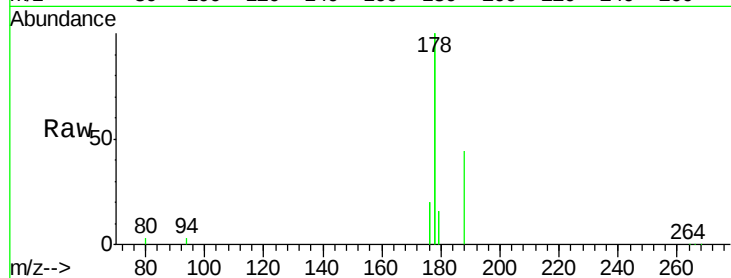
#15
 Anthracene
 Concen: 0.49 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

Instrument :
 BNA_E
 ClientSampleId :
 C0AP9

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.3	13.3	19.9

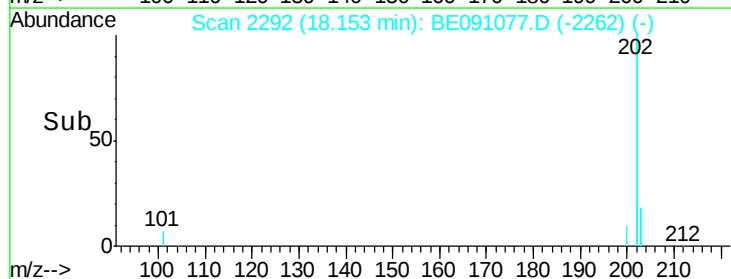
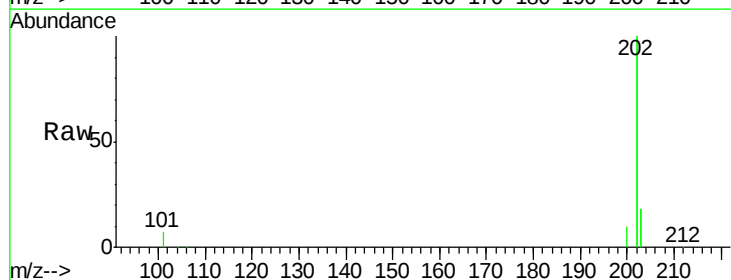
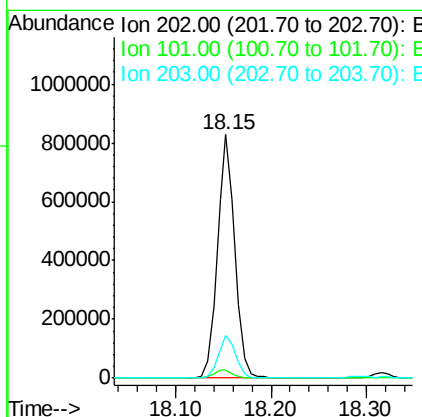
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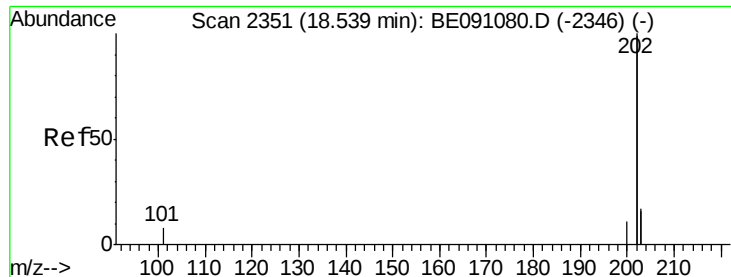
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#17
 Fluoranthene
 Concen: 2.71 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.3	0.0	33.1
203	17.8	0.0	37.2





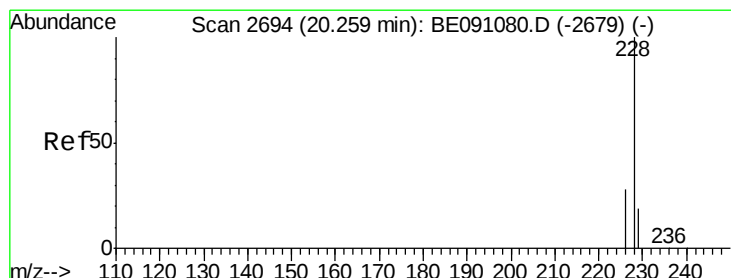
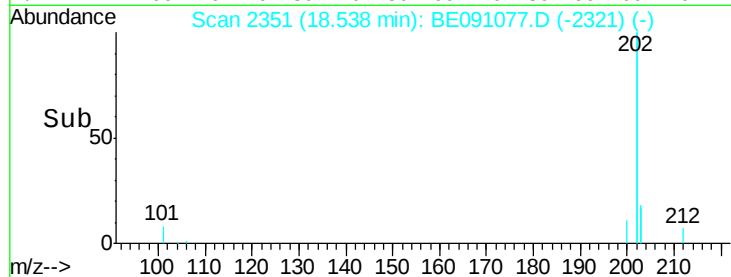
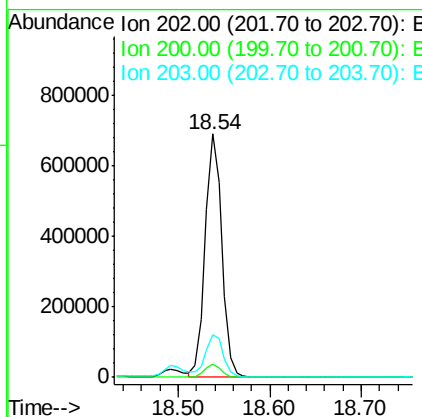
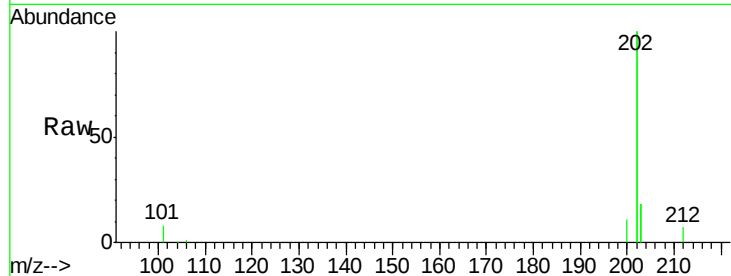
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Pyrene
Concen: 2.40 ng/ul
RT: 18.54 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BE091077.D
Acq: 5 Nov 2015 22:06

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	869023		
200	5.5	18.0	27.0#	
203	17.7	13.8	20.6	

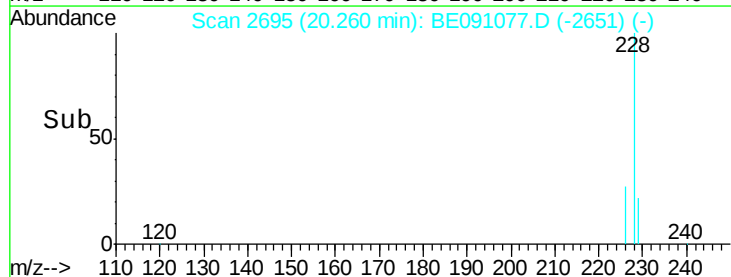
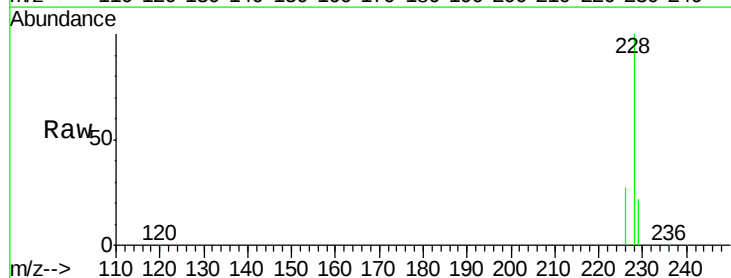
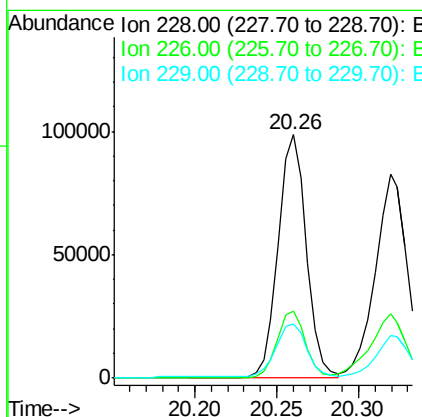
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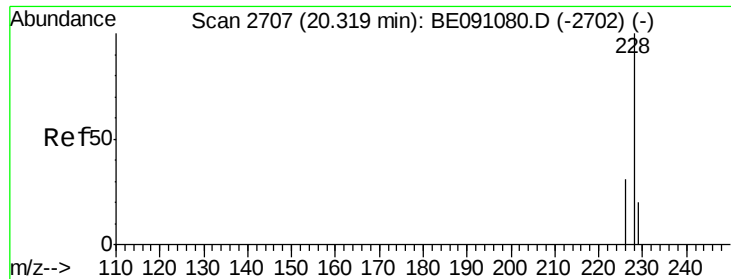
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#20
Benzo(a)anthracene
Concen: 1.44 ng/ul
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091077.D
Acq: 5 Nov 2015 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	117659		
226	27.4	23.0	34.4	
229	22.5	15.2	22.8	





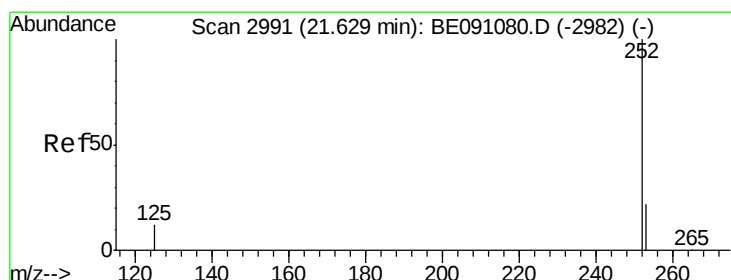
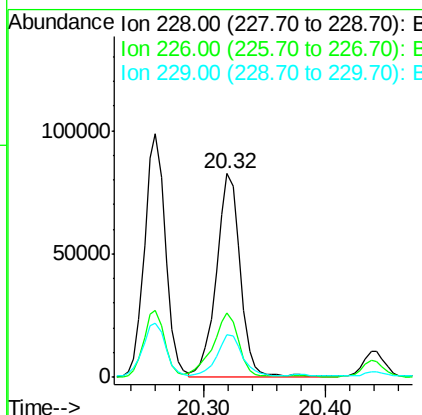
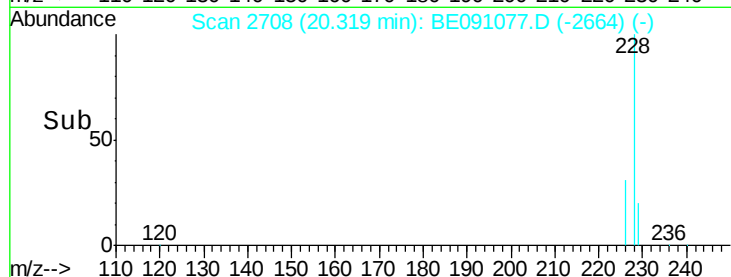
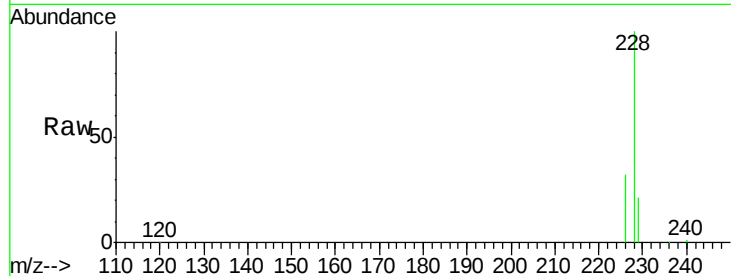
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Chrysene
Concen: 1.19 ng/u1
RT: 20.32 min Scan# 2708
Delta R.T. 0.00 min
Lab File: BE091077.D
Acq: 5 Nov 2015 22:06

Instrument :
BNA_E
ClientSampleId :
C0AP9

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.7	15.2	22.8

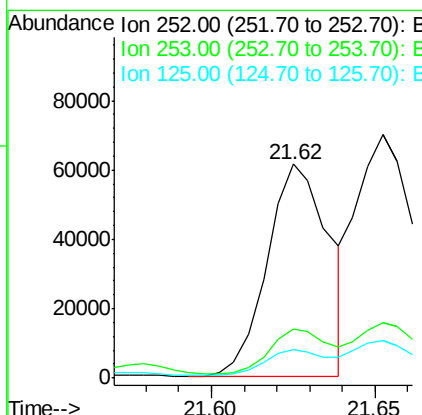
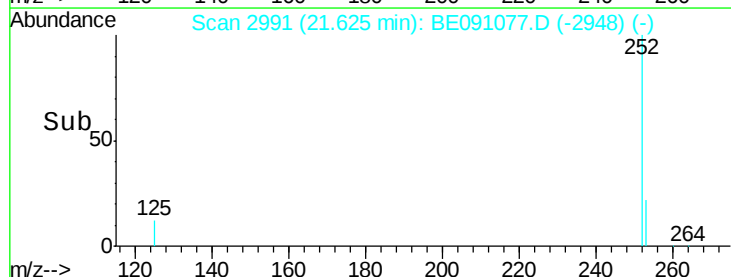
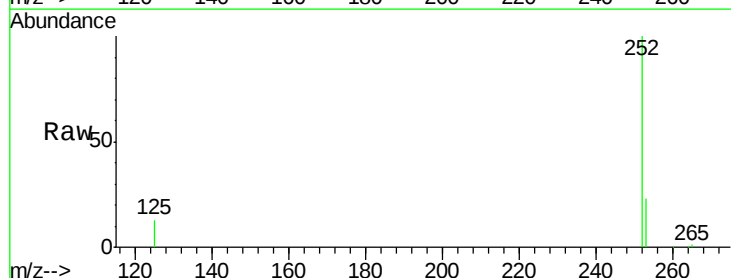
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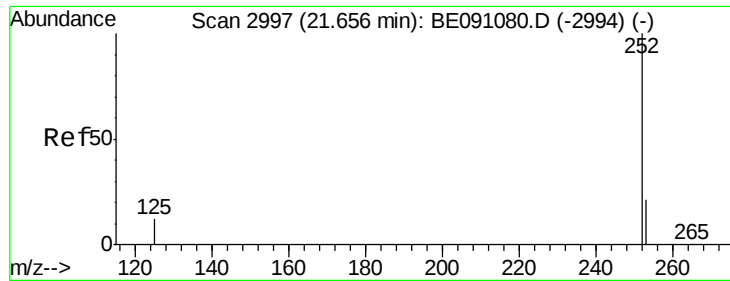
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#23
Benzo(b)fluoranthene
Concen: 0.65 ng/u1
RT: 21.62 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BE091077.D
Acq: 5 Nov 2015 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	48.0
125	13.2	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.72 ng/ul

RT: 21.65 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BE091077.D

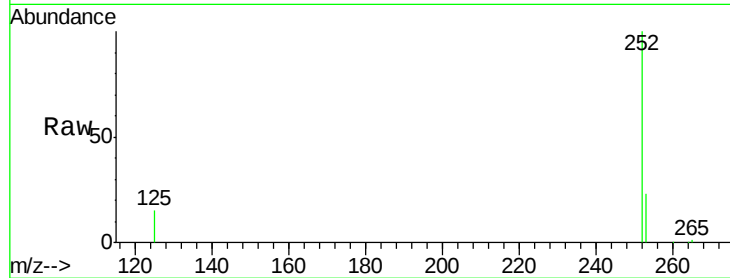
Acq: 5 Nov 2015 22:06

Instrument :

BNA_E

ClientSampleId :

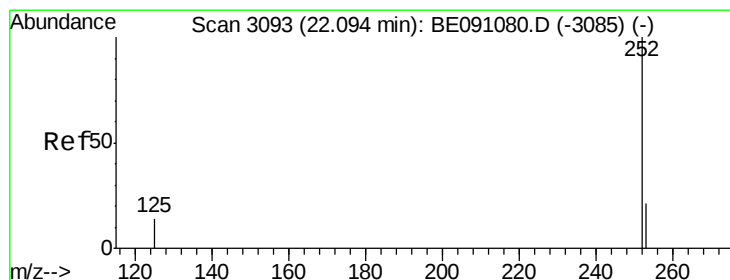
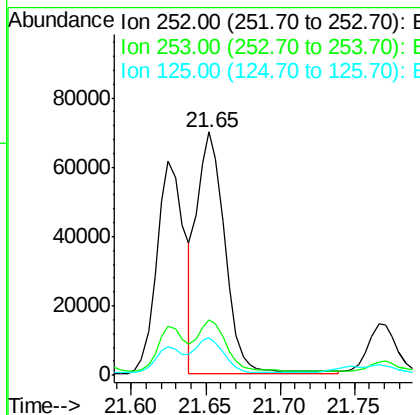
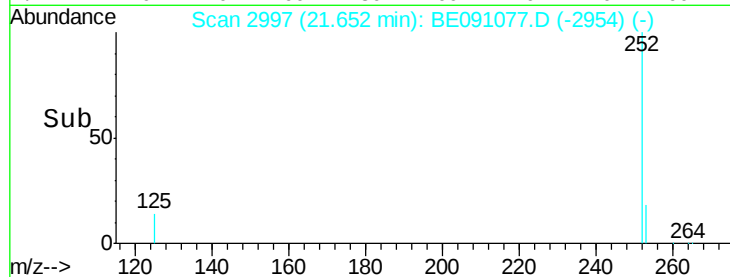
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Tgt Ion:	252	Resp:	90896
Ion Ratio	Lower	Upper	
252	100		
253	22.7	20.8	31.2
125	15.2	12.2	18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 0.86 ng/ul m

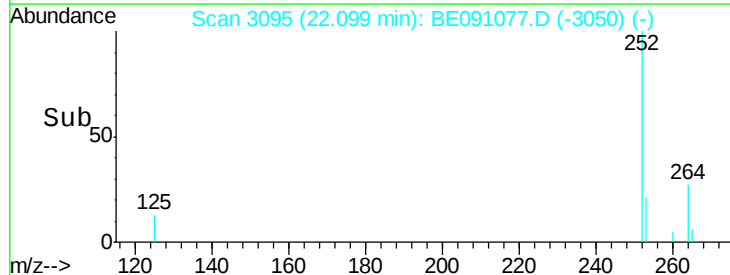
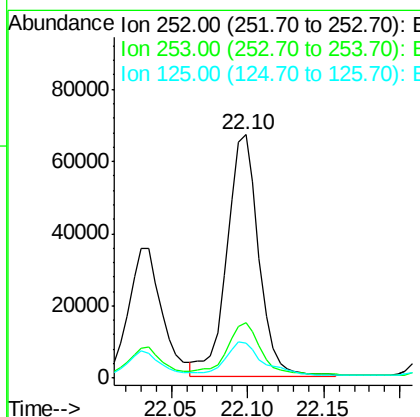
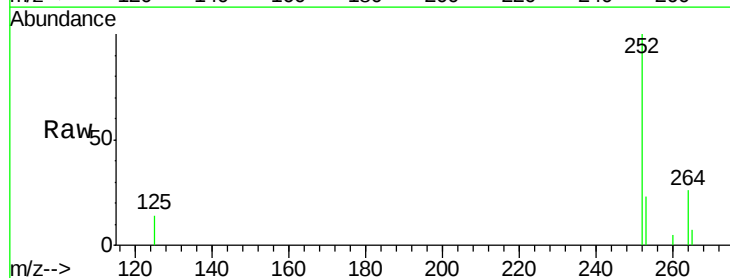
RT: 22.10 min Scan# 3095

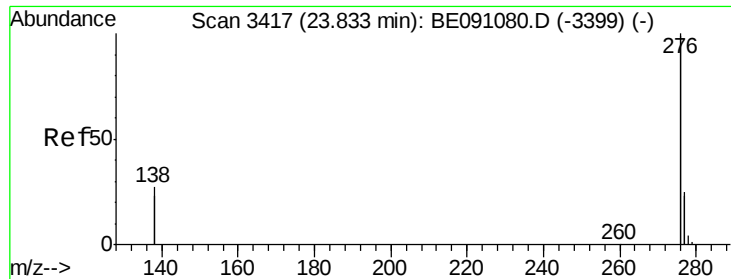
Delta R.T. 0.00 min

Lab File: BE091077.D

Acq: 5 Nov 2015 22:06

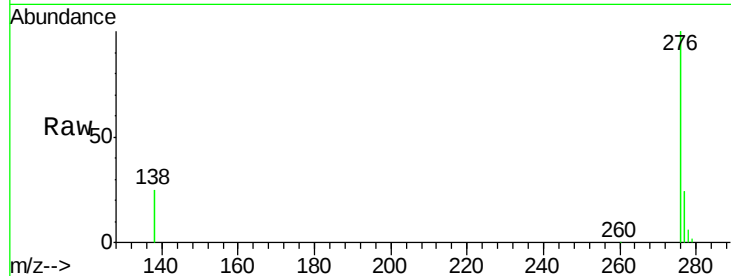
Tgt Ion:	252	Resp:	97308
Ion Ratio	Lower	Upper	
252	100		
253	22.9	21.8	32.8
125	14.4	14.5	21.7#





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.44 ng/ul m
 RT: 23.83 min Scan# 3418
 Delta R.T. 0.00 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

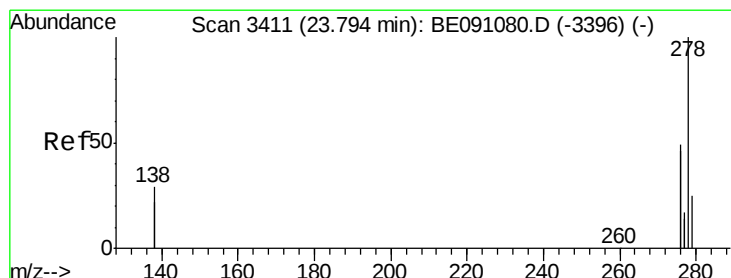
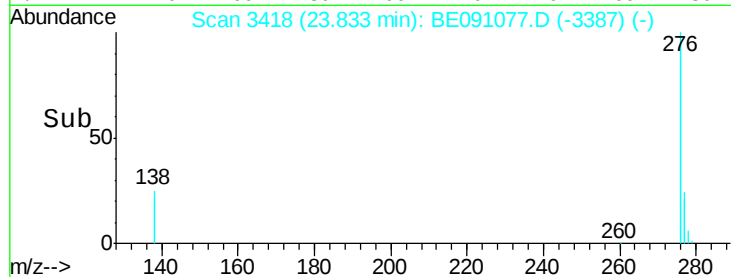
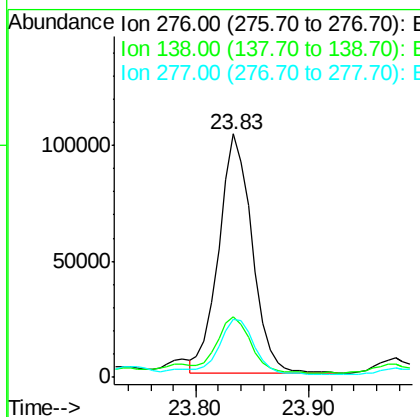
Instrument :
 BNA_E
 ClientSampleId :
 C0AP9



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	210045		
138	23.9	27.5	41.3#	
277	25.4	19.3	28.9	

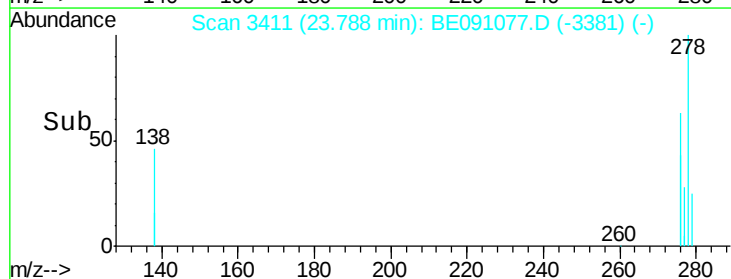
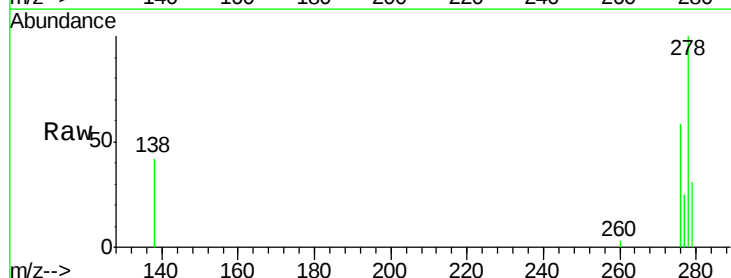
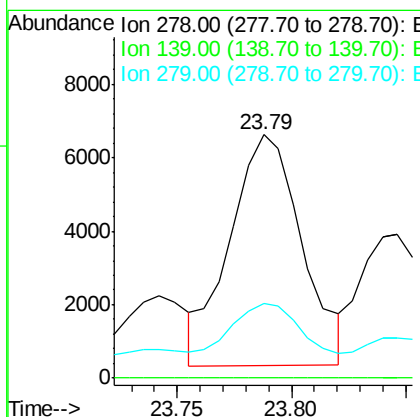
Manual Integrations
 APPROVED

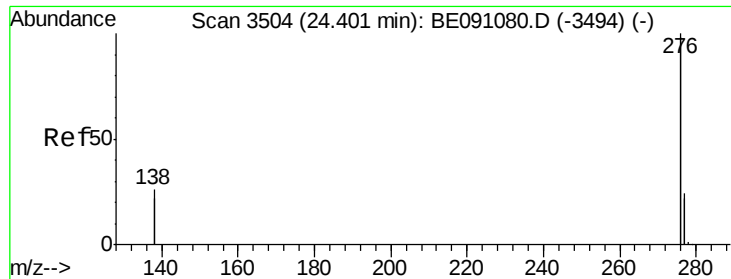
Mmdadoda
 11/9/2015 2:07:14 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng/ul
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.01 min
 Lab File: BE091077.D
 Acq: 5 Nov 2015 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	13790		
139	0.0	21.7	32.5#	
279	30.8	21.9	32.9	





#28

Benzo(g,h,i)perylene

Concen: 0.36 ng/ul

RT: 24.40 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BE091077.D

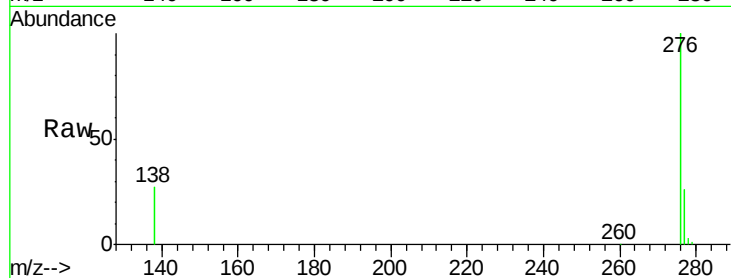
Acq: 5 Nov 2015 22:06

Instrument :

BNA_E

ClientSampleId :

C0AP9



Tgt Ion: 276 Resp: 179245

Ion Ratio Lower Upper

276 100

277 25.8 21.3 31.9

138 26.9 25.5 38.3

Manual Integrations

APPROVED

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