

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091084.D
 Acq On : 6 Nov 2015 11:08
 Operator : UM/NP
 Sample : G4273-04DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN9DL

Manual Integrations
 APPROVED

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 11/9/2015 6:47:55 PM

Quant Time: Nov 09 13:52:00 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	6.90	152	3065	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	17125	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9934	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	23271	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	25151	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	26888	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	3722	1.69	ng/uL	0.02
6) 2-Methylnaphthalene-d10	11.08	152	1499	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	4341	0.07	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	3452	0.08	ng/ul	94
7) 2-Methylnaphthalene	11.15	142	3019	0.11	ng/ul	98
9) Acenaphthylene	13.14	152	5407	0.11	ng/ul	98
10) Acenaphthene	13.46	153	27310	0.80	ng/ul	94
11) Fluorene	14.45	166	31556	0.72	ng/ul	91
14) Phenanthrene	16.17	178	288163	1.07	ng/ul	97
15) Anthracene	16.25	178	242496	0.99	ng/ul	100
17) Fluoranthene	18.15	202	577587	1.84	ng/ul	88
19) Pyrene	18.54	202	420411	1.47	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	47158	0.73	ng/ul	98
21) Chrysene	20.32	228	55814	0.75	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	25812	0.31	ng/ul	95
24) Benzo(k)fluoranthene	21.65	252	26277	0.31	ng/ul	97
25) Benzo(a)pyrene	22.10	252	31269	0.40	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.83	276	56784m	0.17	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	4517	0.06	ng/ul#	71
28) Benzo(g,h,i)perylene	24.40	276	51872	0.15	ng/ul	96

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

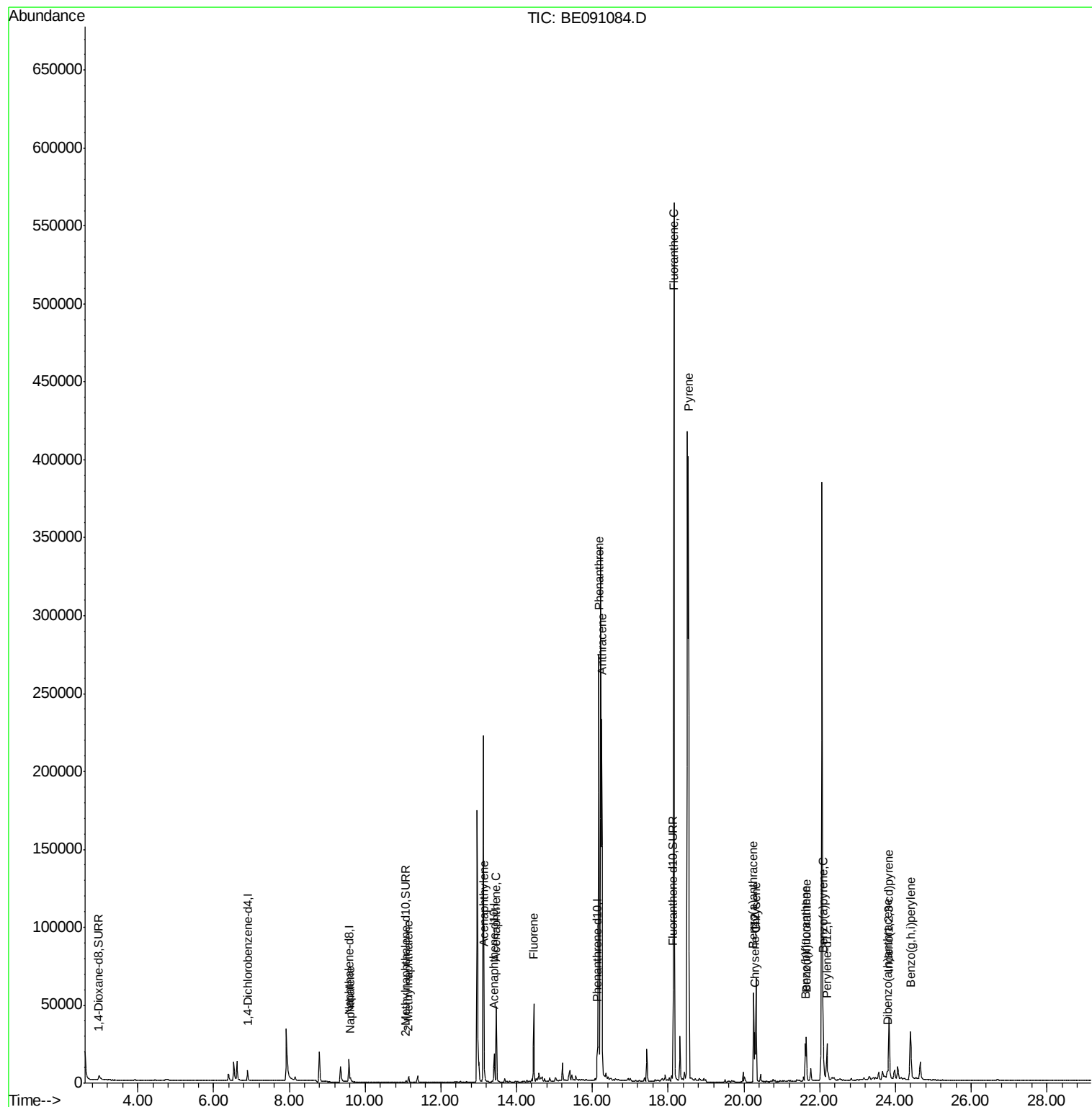
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091084.D
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Sample : G4273-04DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

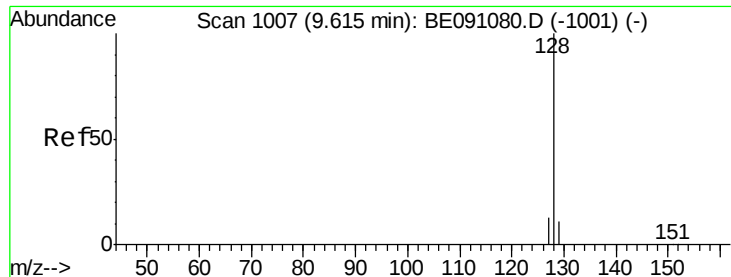
Instrument :
BNA_E
ClientSampleId :
C0AN9DL

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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: 0.08 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Instrument :

BNA_E

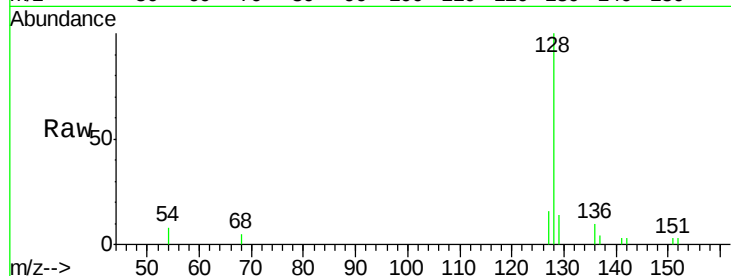
ClientSampleId :

C0AN9DL

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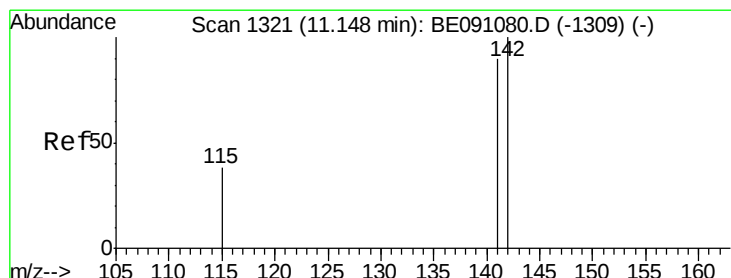
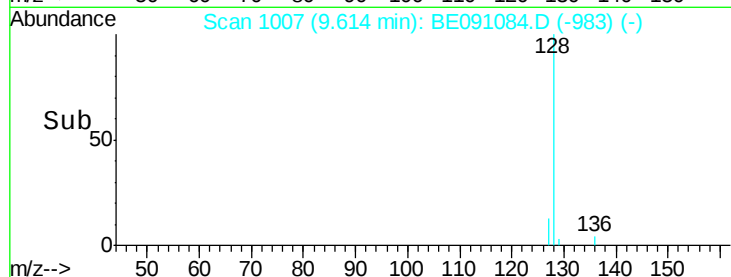
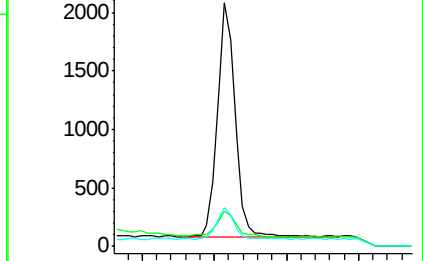
Tgt Ion:	128	Resp:	3452
Ion Ratio	Lower	Upper	
128	100		
129	14.4	9.8	14.8
127	15.9	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.11 ng/ul

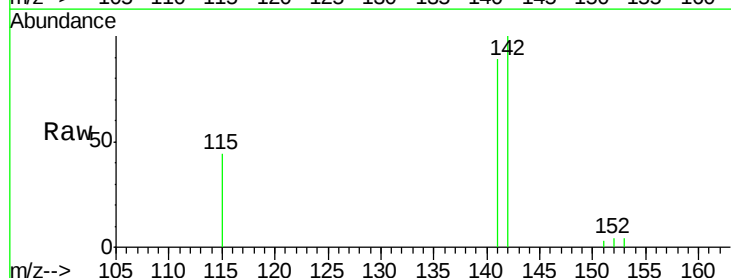
RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BE091084.D

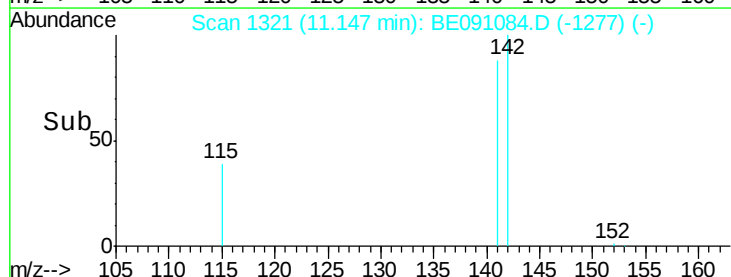
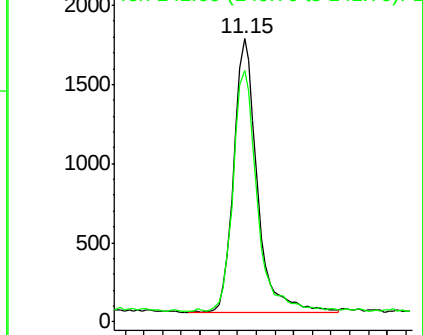
Acq: 6 Nov 2015 11:08

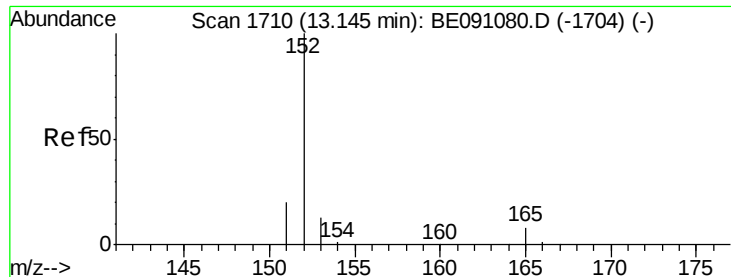
Tgt Ion:	142	Resp:	3019
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091084.D

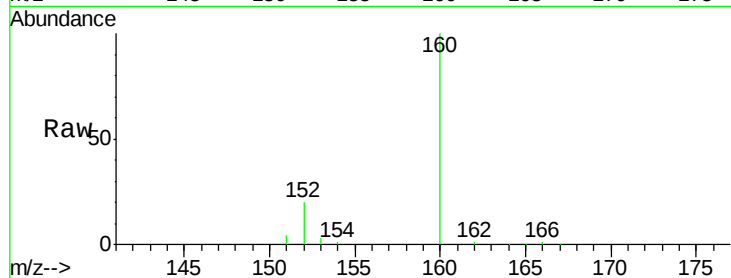
Acq: 6 Nov 2015 11:08

Instrument :

BNA_E

ClientSampleId :

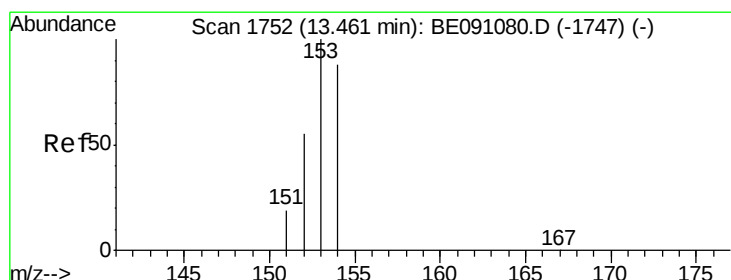
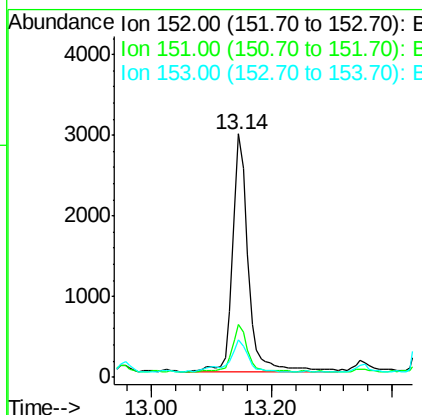
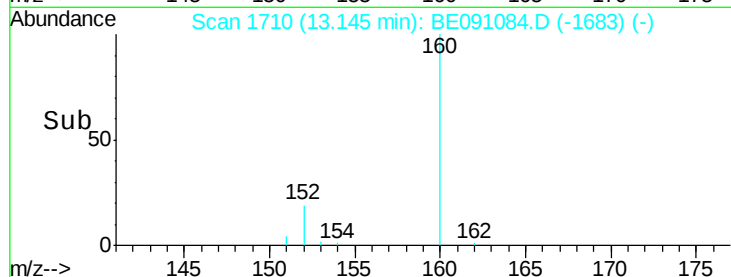
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Tgt Ion:	152	Resp:	5407
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	15.2	11.3	16.9

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#10

Acenaphthene

Concen: 0.80 ng/ul

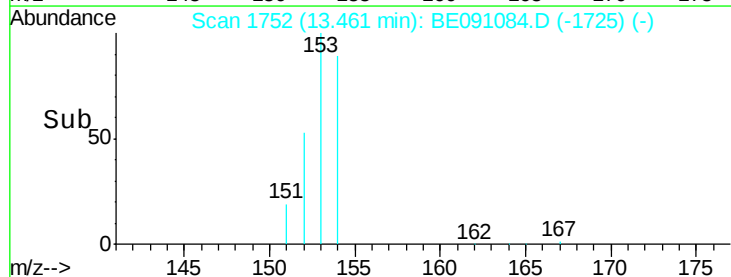
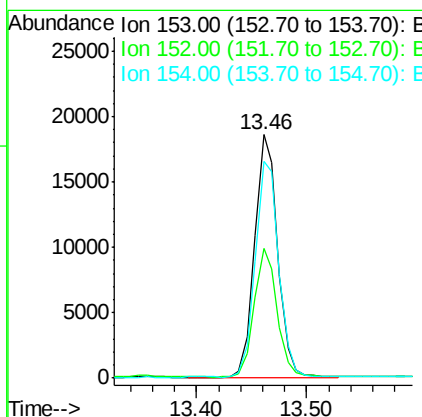
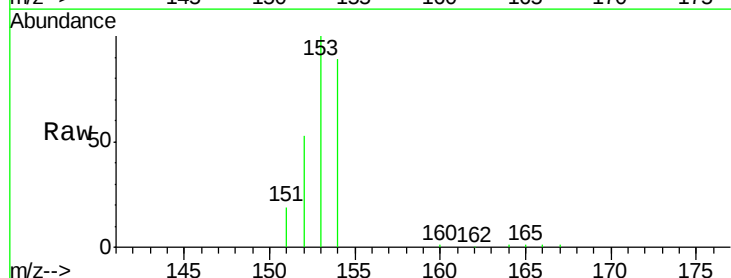
RT: 13.46 min Scan# 1752

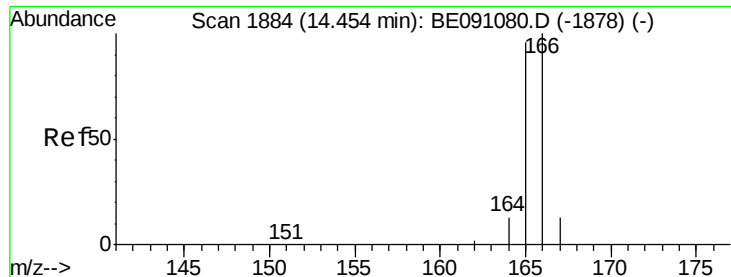
Delta R.T. -0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Tgt Ion:	153	Resp:	27310
Ion Ratio	Lower	Upper	
153	100		
152	53.3	42.3	63.5
154	88.9	64.7	97.1





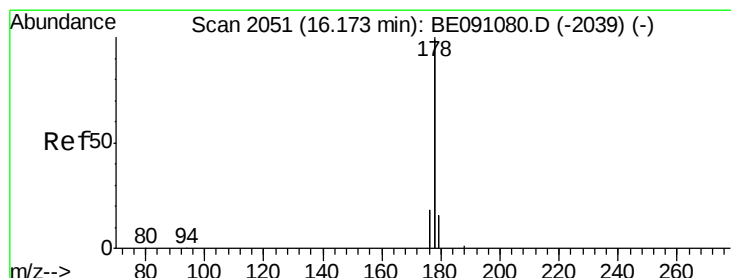
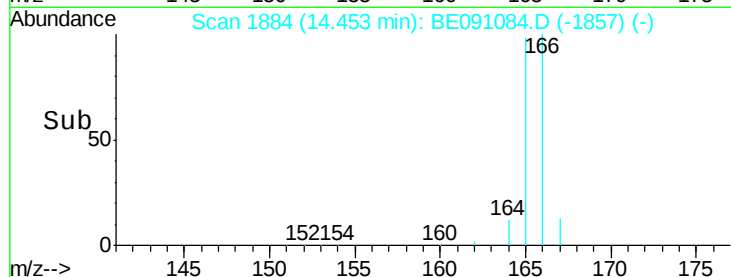
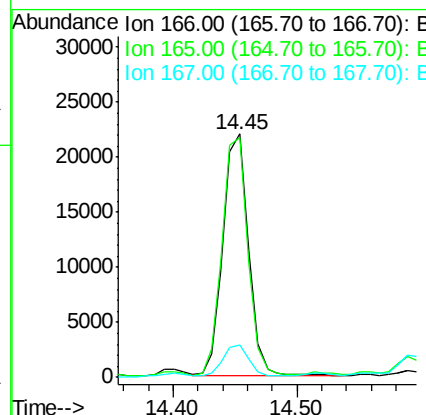
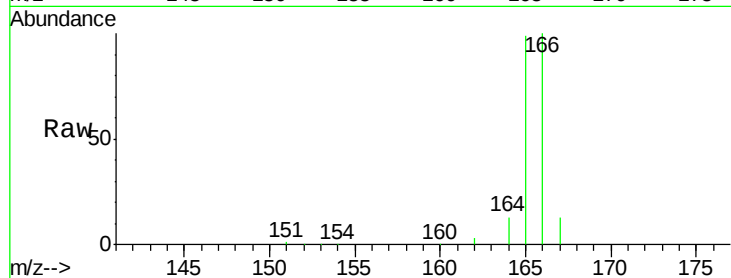
#11
Fluorene
 Concen: 0.72 ng/ul
 RT: 14.45 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AN9DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	87.6	131.4
167	13.5	11.1	16.7

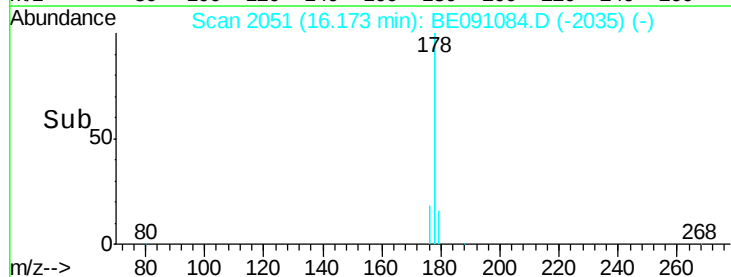
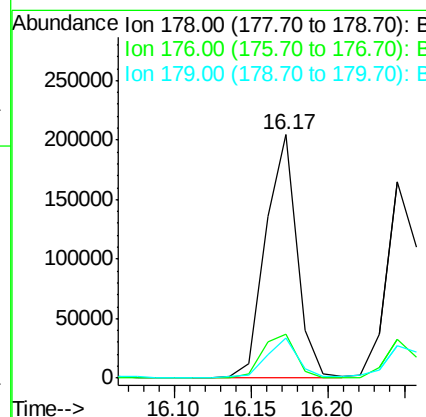
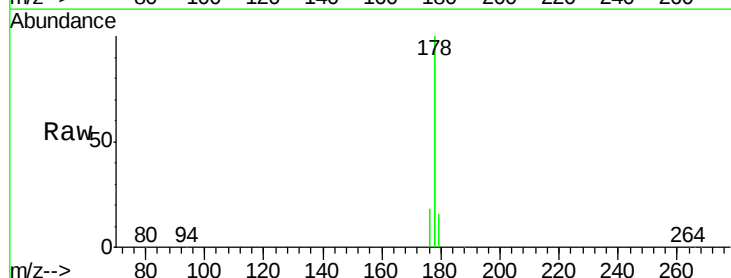
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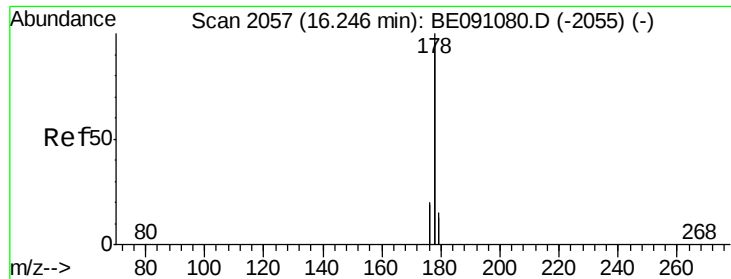
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#14
Phenanthrene
 Concen: 1.07 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	16.4	12.8	19.2





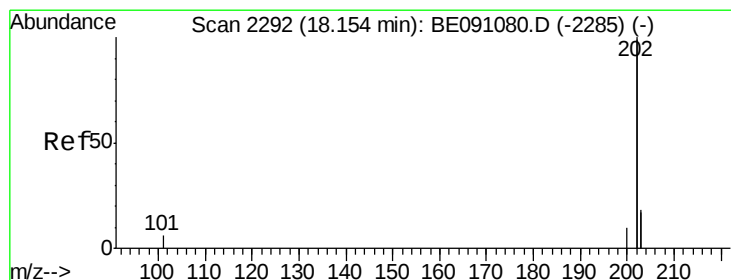
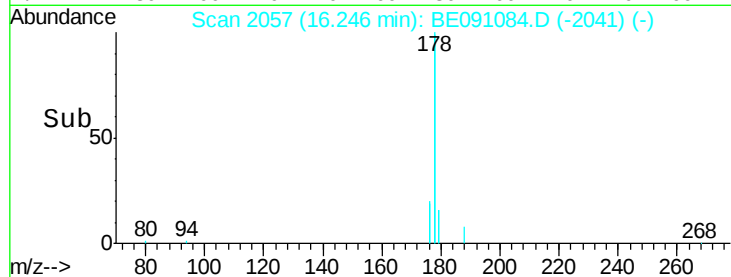
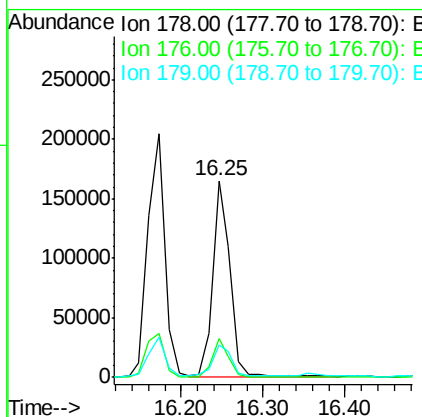
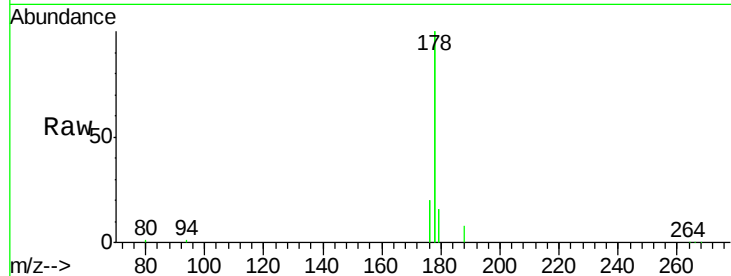
#15
 Anthracene
 Concen: 0.99 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.4	13.3	19.9

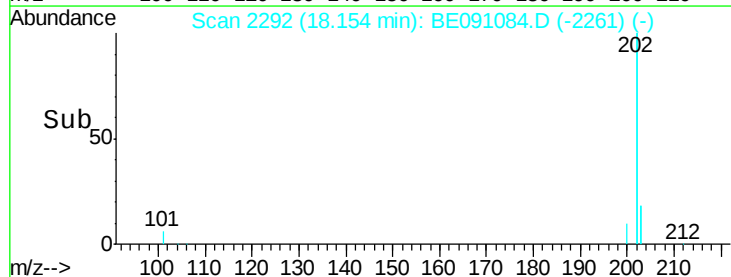
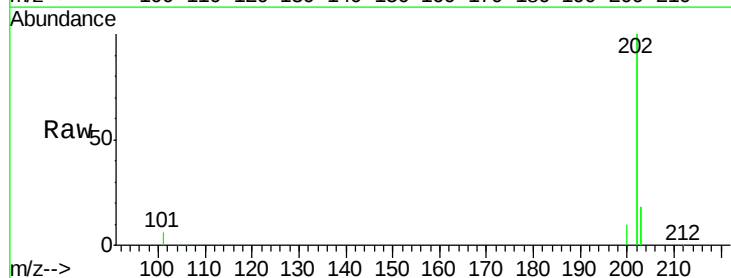
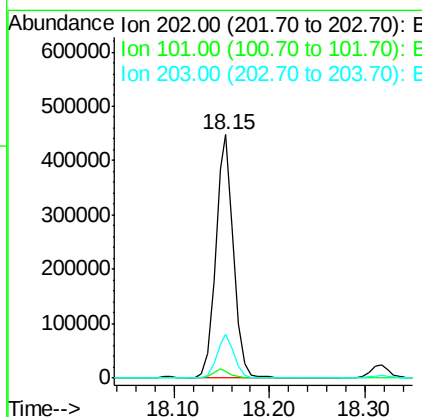
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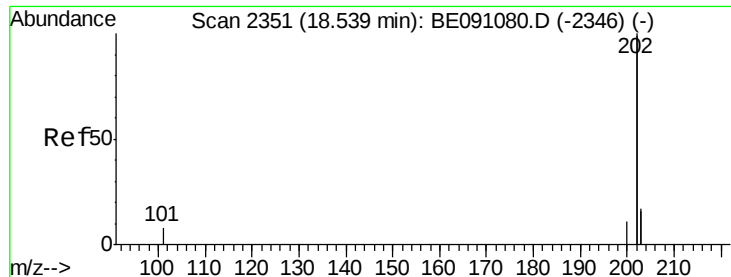
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#17
 Fluoranthene
 Concen: 1.84 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.1	0.0	33.1
203	18.0	0.0	37.2





#19

Pyrene

Concen: 1.47 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Instrument :

BNA_E

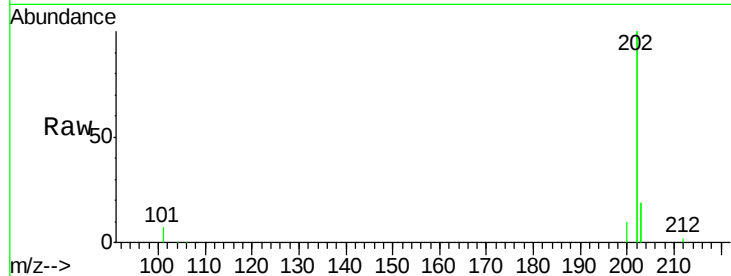
ClientSampleId :

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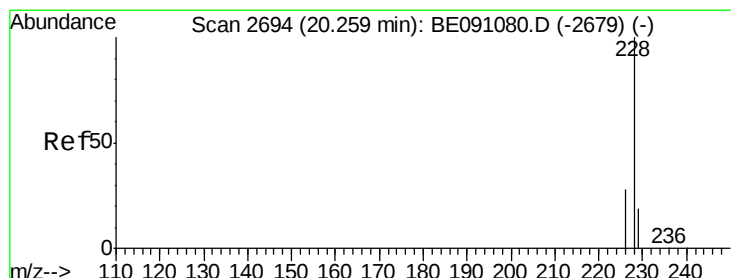
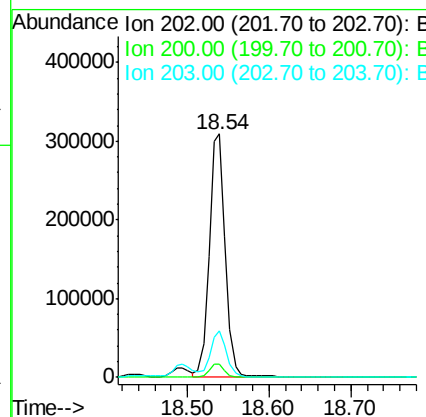
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.2	18.0	27.0#
203	19.1	13.8	20.6



#20

Benzo(a)anthracene

Concen: 0.73 ng/ul

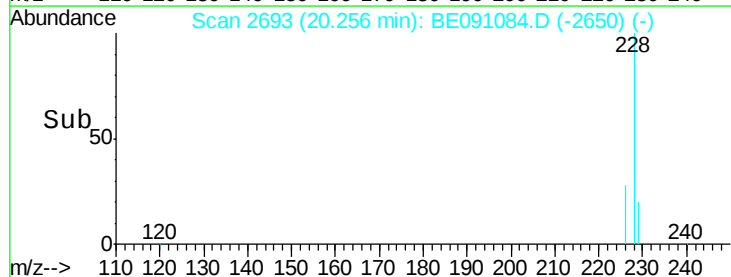
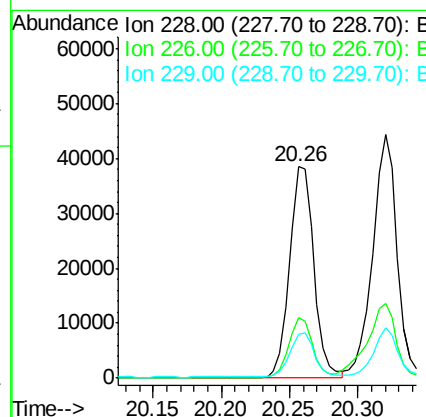
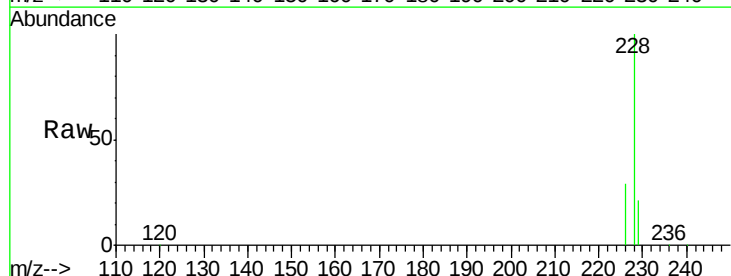
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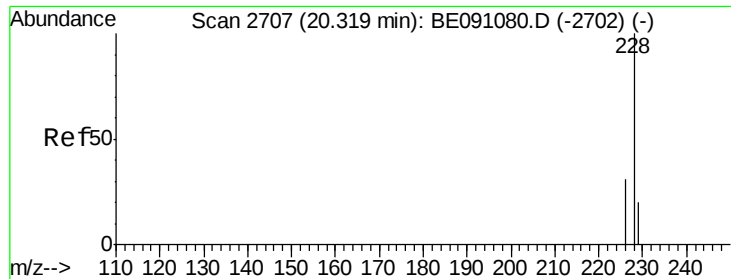
Delta R.T. -0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	20.9	15.2	22.8





#21

Chrysene

Concen: 0.75 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Instrument :

BNA_E

ClientSampleId :

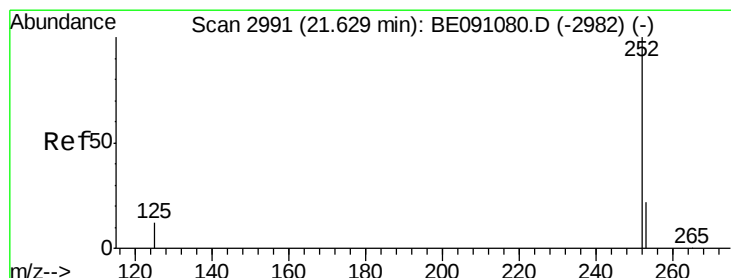
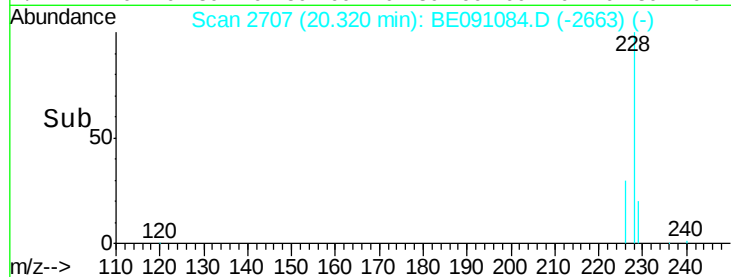
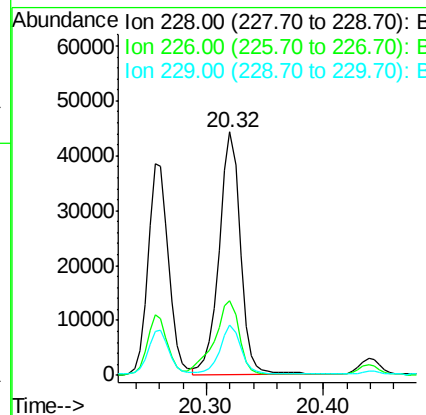
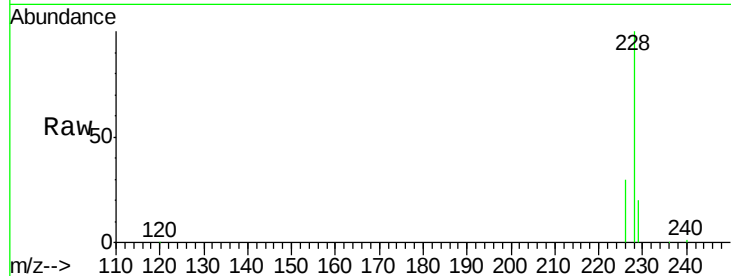
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Tgt Ion:	228	Resp:	55814
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	20.5	15.2	22.8



#23

Benzo(b)fluoranthene

Concen: 0.31 ng/ul

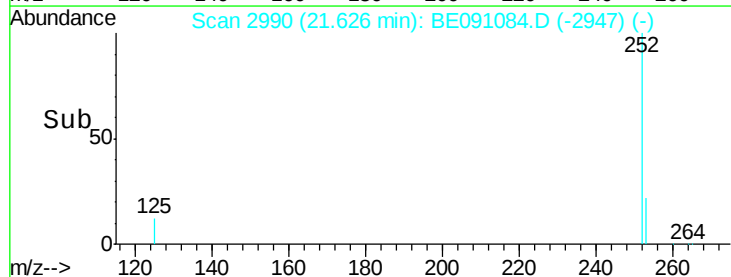
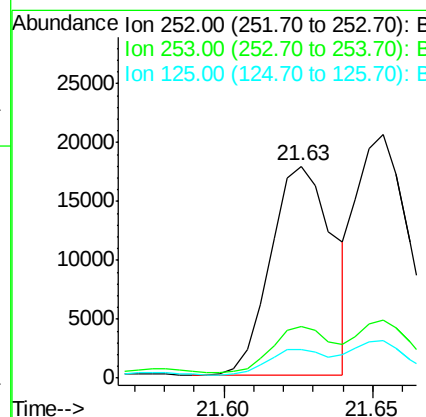
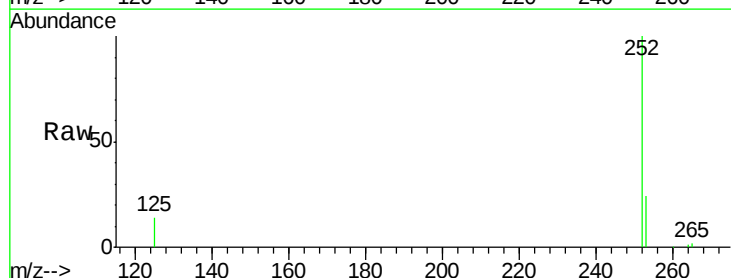
RT: 21.63 min Scan# 2990

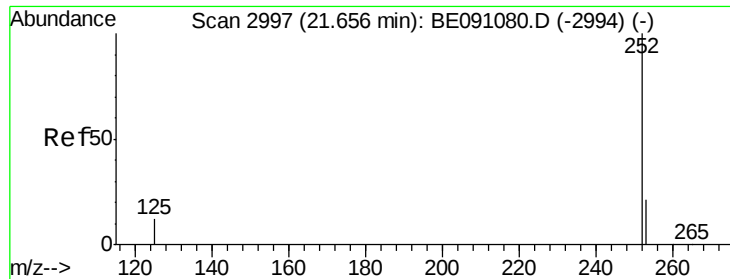
Delta R.T. -0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

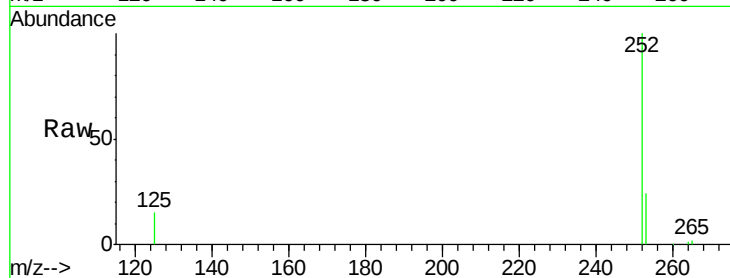
Tgt Ion:	252	Resp:	25812
Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	48.0
125	13.5	0.0	36.6





#24
Benzo(k)fluoranthene
Concen: 0.31 ng/u1
RT: 21.65 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BE091084.D
Acq: 6 Nov 2015 11:08

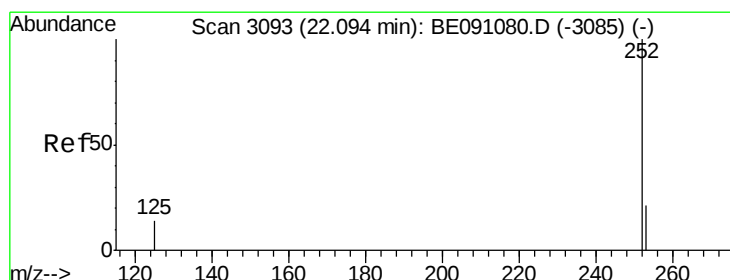
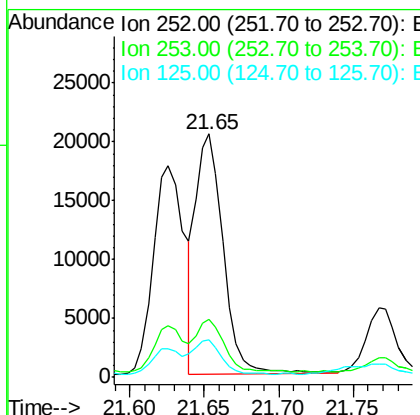
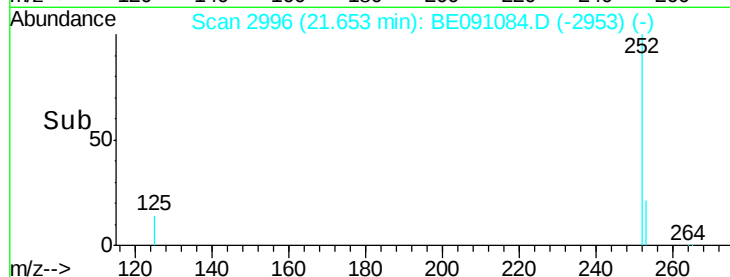
Instrument :
BNA_E
ClientSampleId :
C0AN9DL



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.8	31.2
125	15.5	12.2	18.4

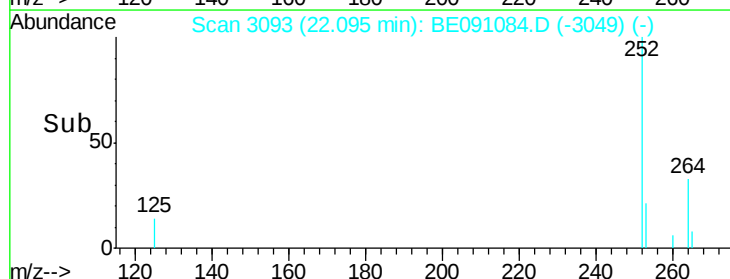
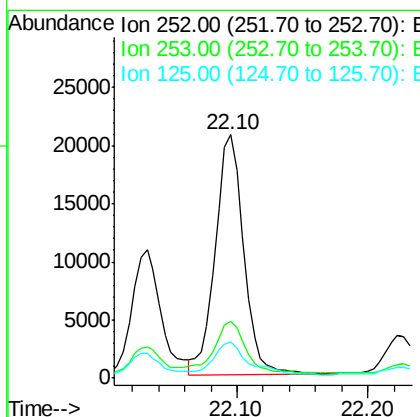
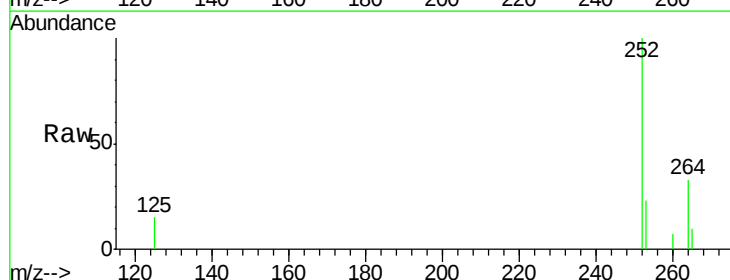
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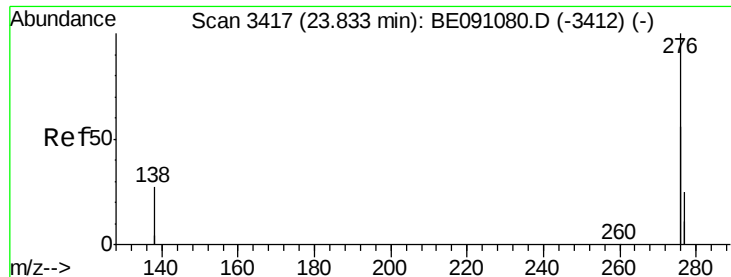
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#25
Benzo(a)pyrene
Concen: 0.40 ng/u1
RT: 22.10 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BE091084.D
Acq: 6 Nov 2015 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	21.8	32.8
125	14.9	14.5	21.7





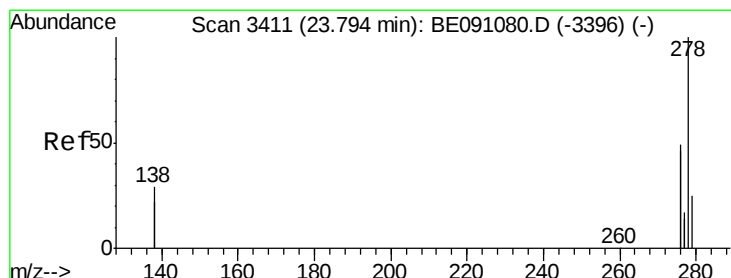
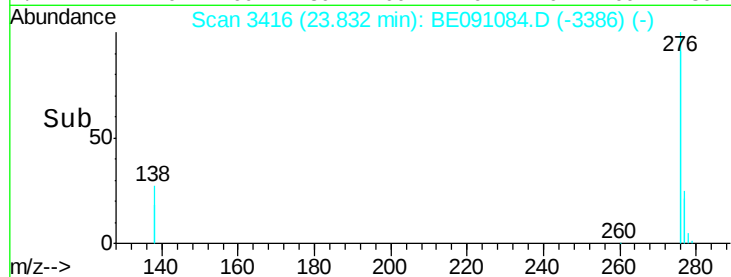
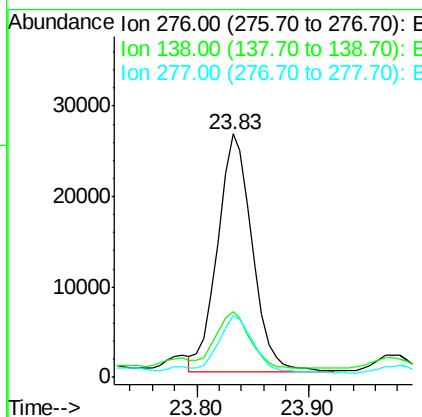
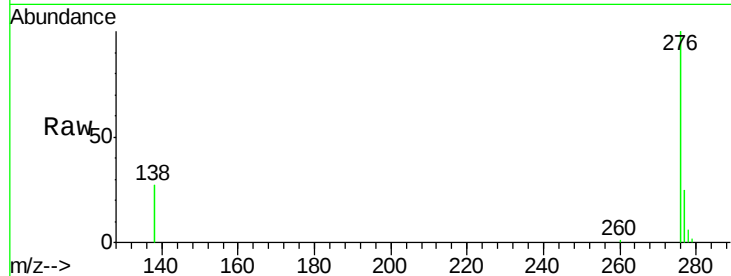
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.17 ng/ul m
 RT: 23.83 min Scan# 3416
 Delta R.T. -0.00 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AN9DL

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

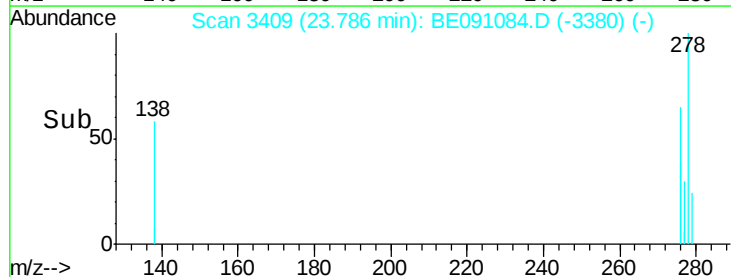
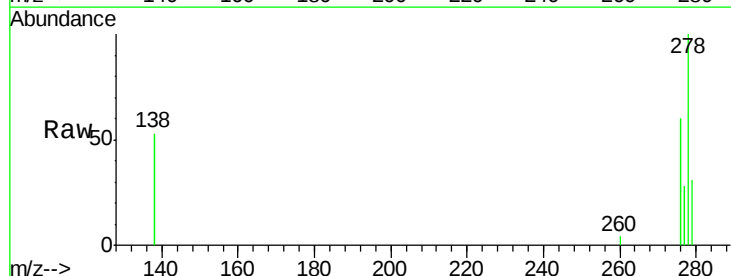
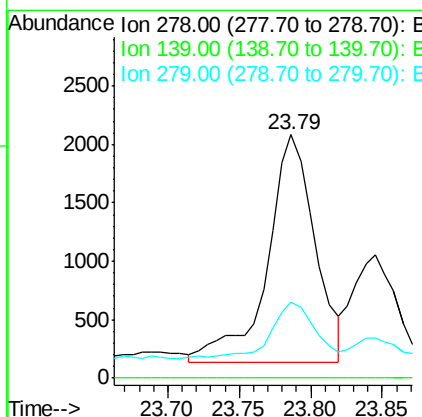
Manual Integrations
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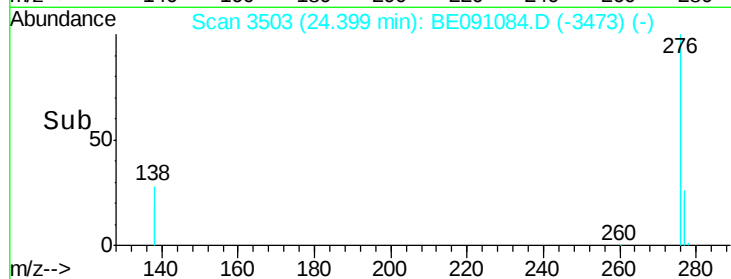
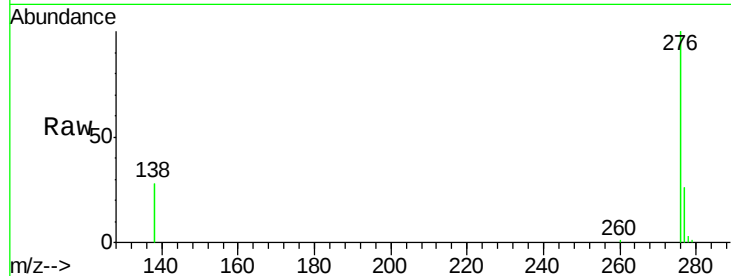
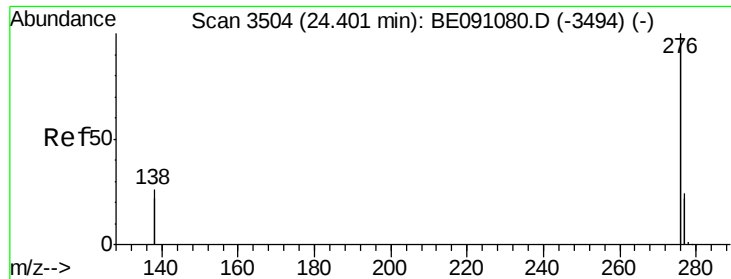
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 23.79 min Scan# 3409
 Delta R.T. -0.01 min
 Lab File: BE091084.D
 Acq: 6 Nov 2015 11:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	31.0	21.9	32.9





#28

Benzo(g,h,i)perylene

Concen: 0.15 ng/ul

RT: 24.40 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091084.D

Acq: 6 Nov 2015 11:08

Instrument :

BNA_E

ClientSampleId :

C0AN9DL

Tgt Ion: 276 Resp: 51872

Ion Ratio Lower Upper

276 100

277 26.4 21.3 31.9

138 28.4 25.5 38.3

Manual Integrations
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