

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
 Data File : BE091070.D
 Acq On : 5 Nov 2015 15:08
 Operator : UM/NP
 Sample : G4273-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP3

Manual Integrations
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 11/6/2015 3:45:18 PM

Quant Time: Nov 06 06:25:50 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 06 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	4398	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	24148	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	14421	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	33270m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	38377m	0.40	ng/ul	0.00
22) Perylene-d12	22.20	264	25018m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	20806	6.58	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.07	152	7549	0.23	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	24861	0.27	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	9.61	128	89880	1.51	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	200138	5.16	ng/ul	98
9) Acenaphthylene	13.14	152	137293	1.91	ng/ul	98
10) Acenaphthene	13.46	153	892122	18.09	ng/ul	92
11) Fluorene	14.45	166	1068131	16.86	ng/ul	91
14) Phenanthrene	16.17	178	13256160	34.50	ng/ul	97
15) Anthracene	16.26	178	6400924	18.32	ng/ul	95
17) Fluoranthene	18.16	202	18603420m	41.38	ng/ul	
19) Pyrene	18.55	202	13773357	31.59	ng/ul#	76
20) Benzo(a)anthracene	20.27	228	1910332m	19.38	ng/ul	
21) Chrysene	20.33	228	1677245	14.77	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	1097468m	14.05	ng/ul	
24) Benzo(k)fluoranthene	21.66	252	1233764m	15.39	ng/ul	
25) Benzo(a)pyrene	22.10	252	1313031m	18.25	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.85	276	2624584m	8.66	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	209525m	2.90	ng/ul	
28) Benzo(g,h,i)perylene	24.41	276	2132500m	6.71	ng/ul	

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

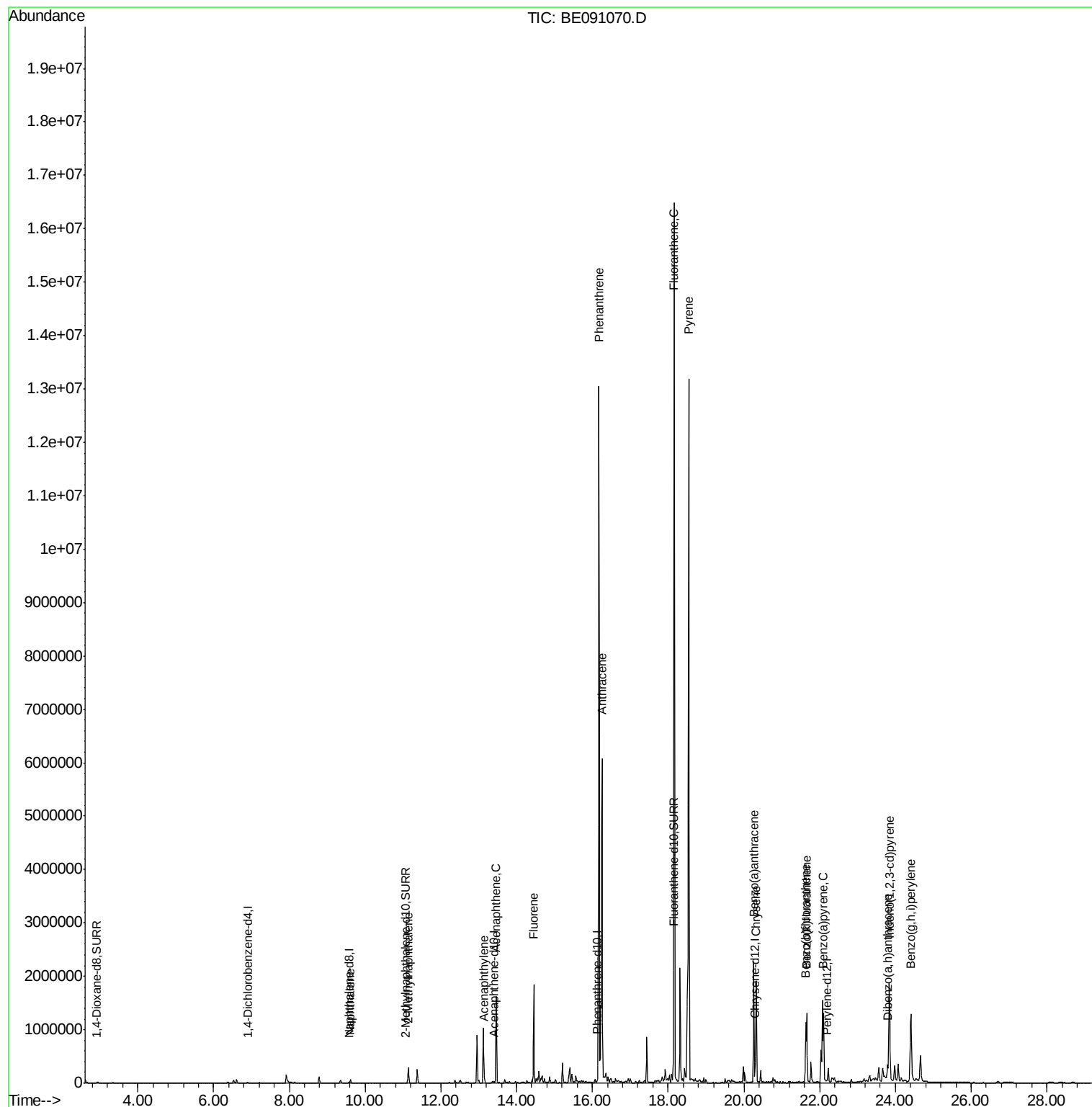
Data Path : Z:\HPCHEM1\BNA E\DATA\BE110515\
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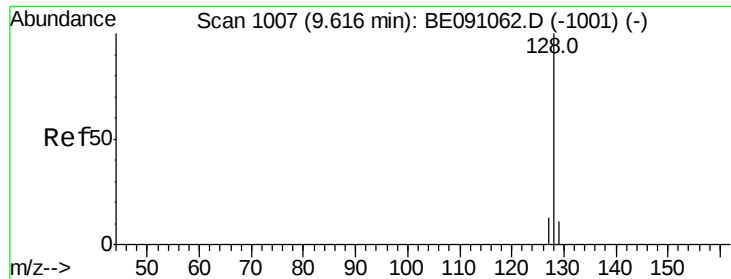
Instrument :
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#5

Naphthalene

Concen: 1.51 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Instrument :

BNA_E

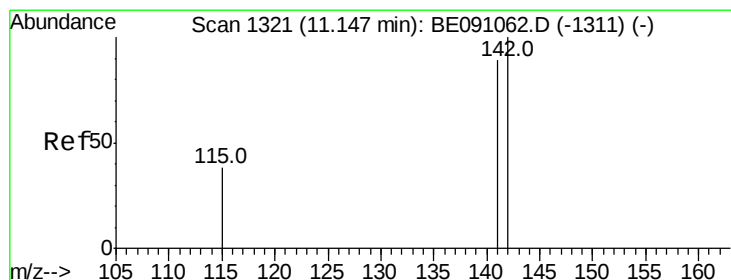
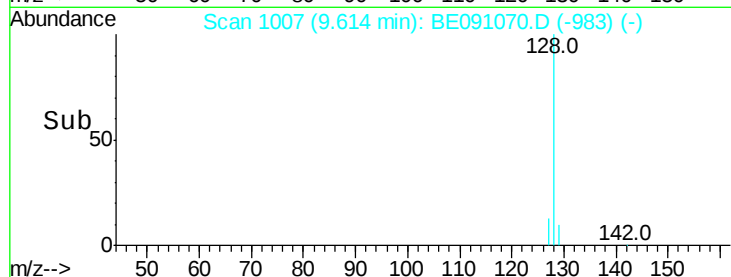
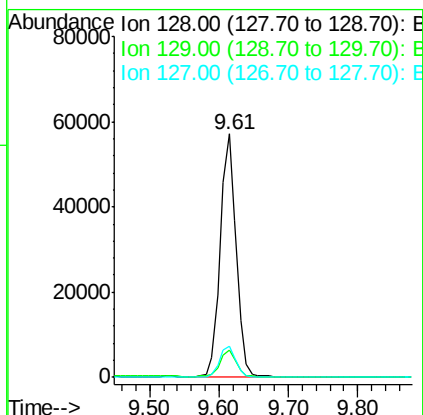
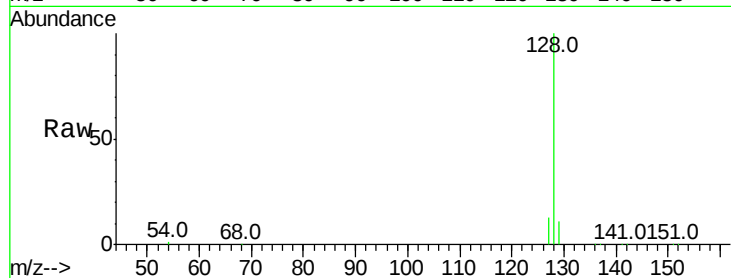
ClientSampleId :

C0AP3

Tot Ion:	128	Resp:	89880
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.8	14.8
127	12.9	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 5.16 ng/ul

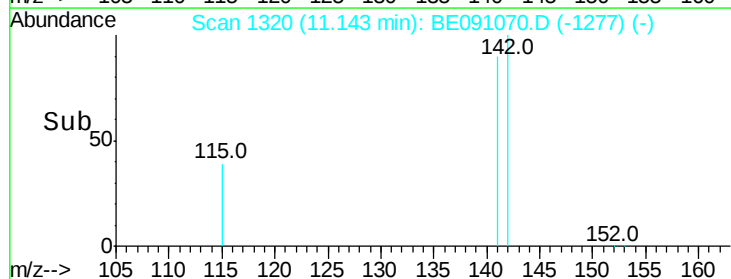
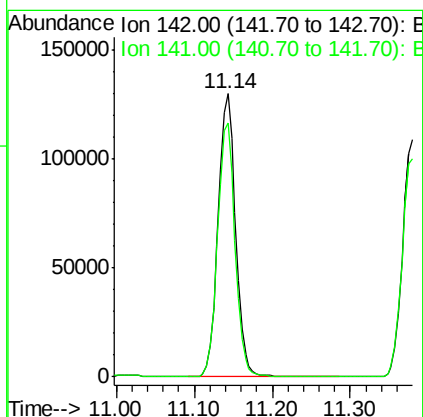
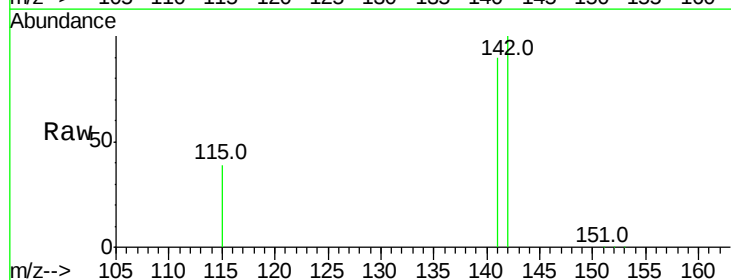
RT: 11.14 min Scan# 1320

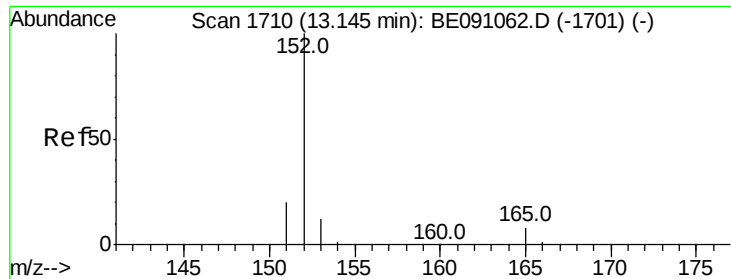
Delta R.T. -0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Tgt Ion:	142	Resp:	200138
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.3	105.5





#9

Acenaphthylene

Concen: 1.91 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Instrument :

BNA_E

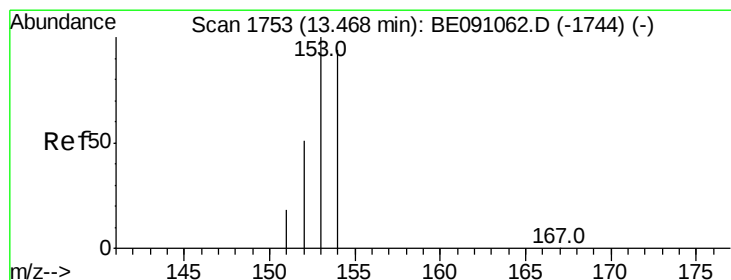
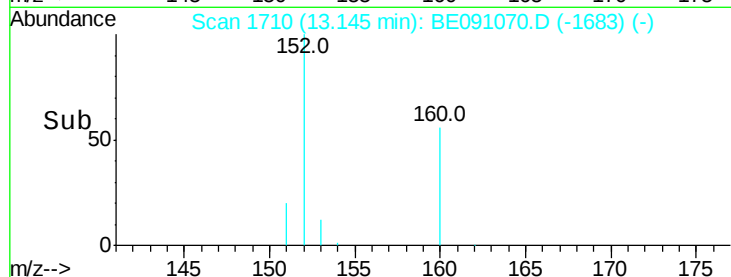
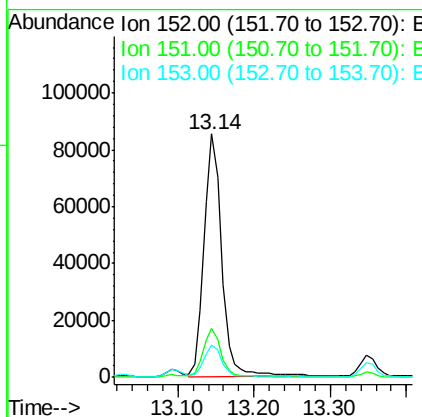
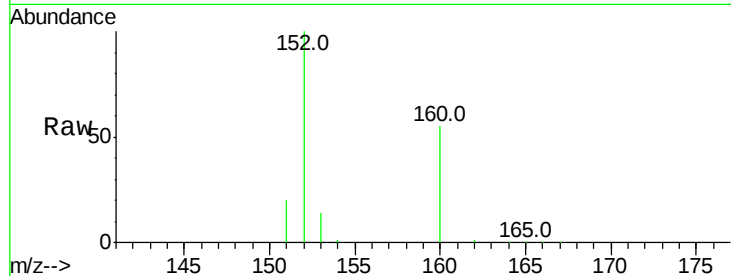
ClientSampleId :

C0AP3

Tot Ion:	152	Resp:	137293
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.8	25.2
153	13.5	11.3	16.9

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#10

Acenaphthene

Concen: 18.09 ng/ul

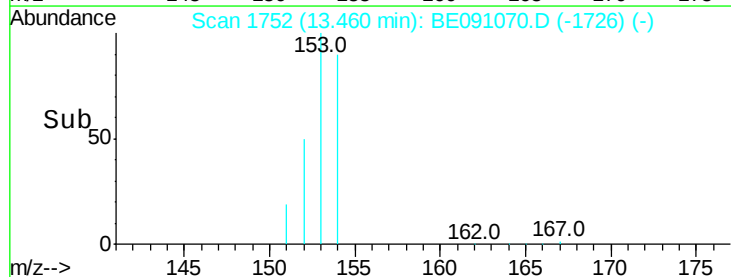
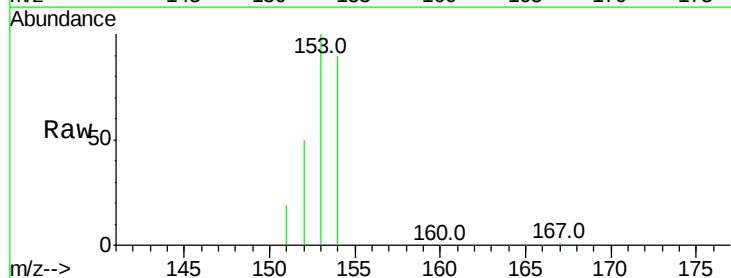
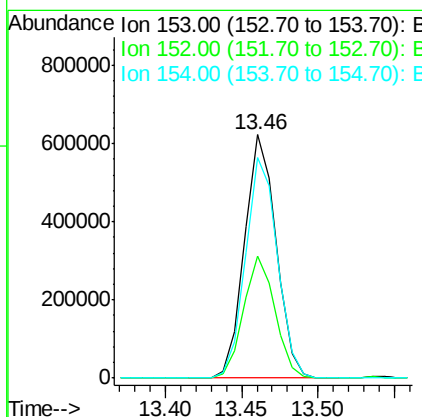
RT: 13.46 min Scan# 1752

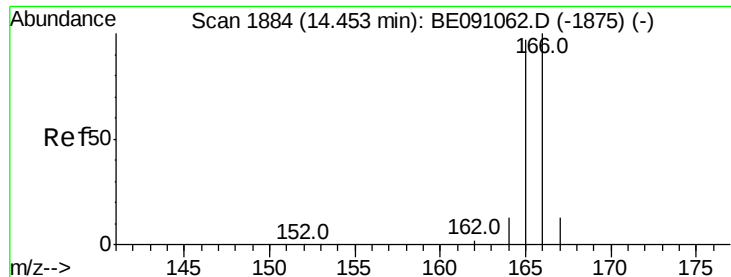
Delta R.T. -0.01 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Tgt Ion:	153	Resp:	892122
Ion Ratio	Lower	Upper	
153	100		
152	50.2	42.3	63.5
154	90.4	64.7	97.1





#11

Fluorene

Concen: 16.86 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Instrument :

BNA_E

ClientSampleId :

C0AP3

Tot Ion:166 Resp: 1068131

Ion Ratio Lower Upper

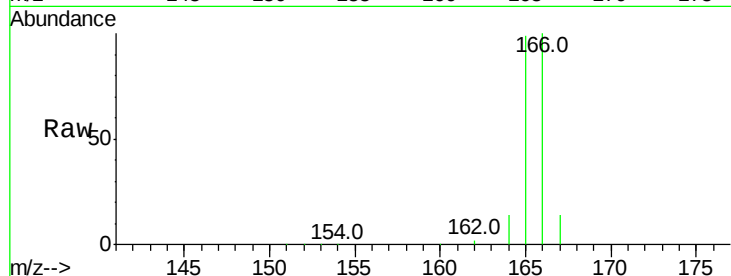
166 100

165 98.9 87.6 131.4

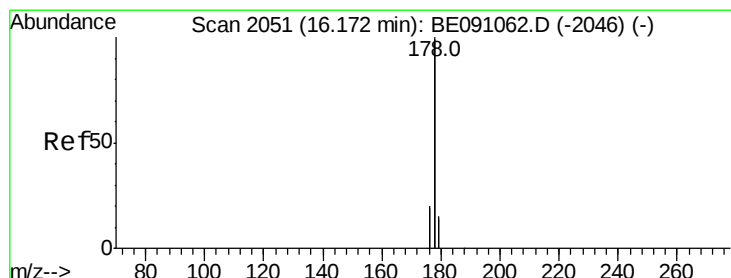
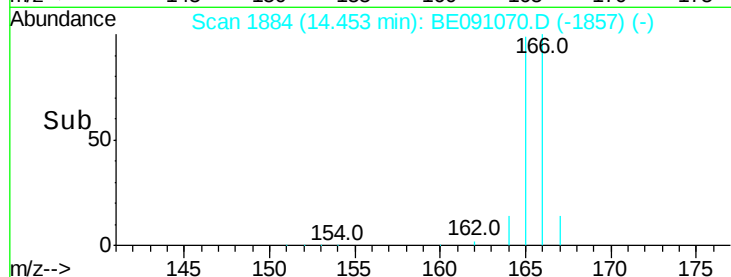
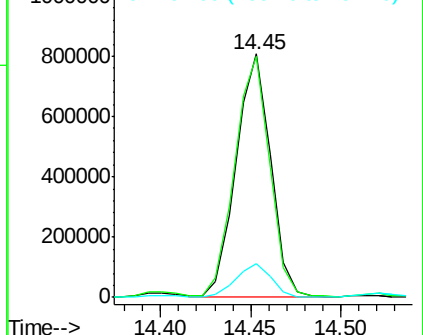
167 14.0 11.1 16.7

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#14

Phenanthrene

Concen: 34.50 ng/ul

RT: 16.17 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

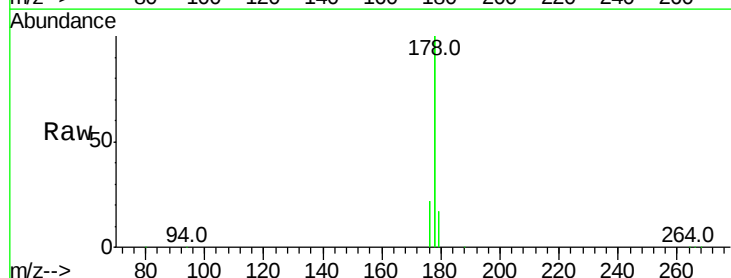
Tgt Ion:178 Resp:13256160

Ion Ratio Lower Upper

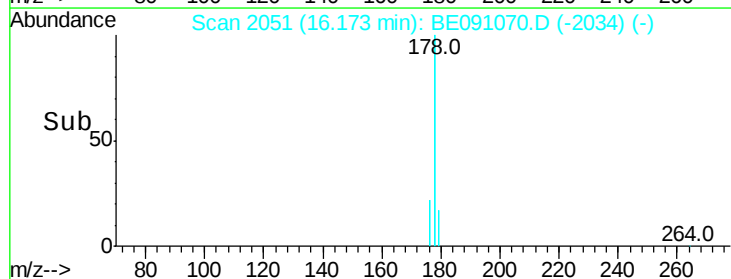
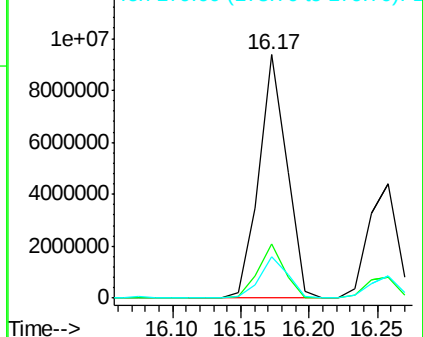
178 100

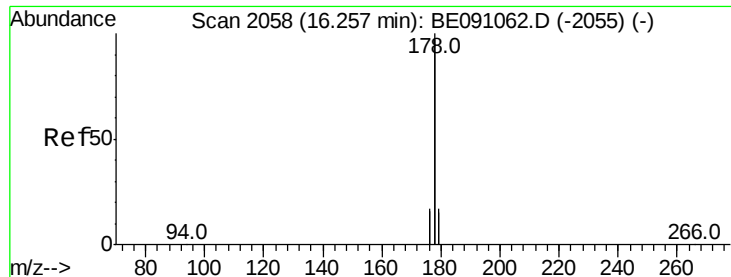
176 22.2 16.2 24.4

179 16.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 18.32 ng/u1

RT: 16.26 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Instrument :

BNA_E

ClientSampleId :

C0AP3

Tot Ion:178 Resp: 6400924

Ion Ratio Lower Upper

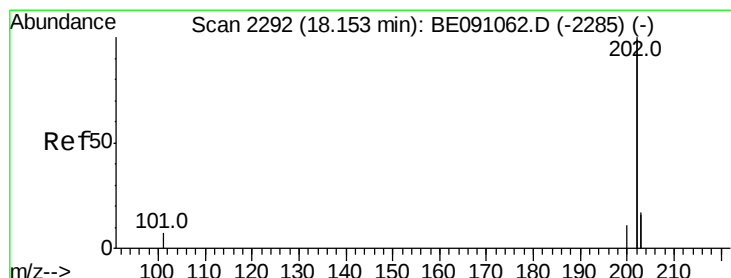
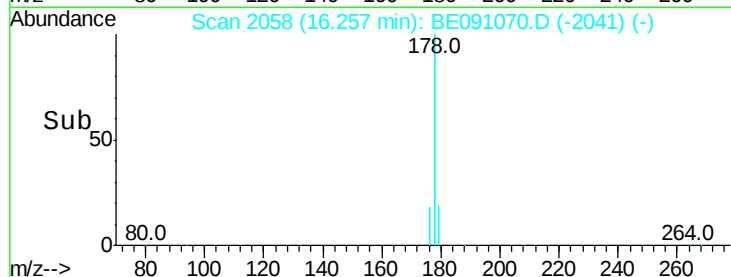
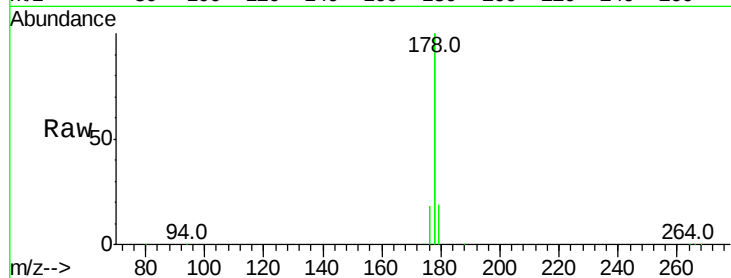
178 100

176 17.9 15.8 23.8

179 19.4 13.3 19.9

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#17

Fluoranthene

Concen: 41.38 ng/u1 m

RT: 18.16 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

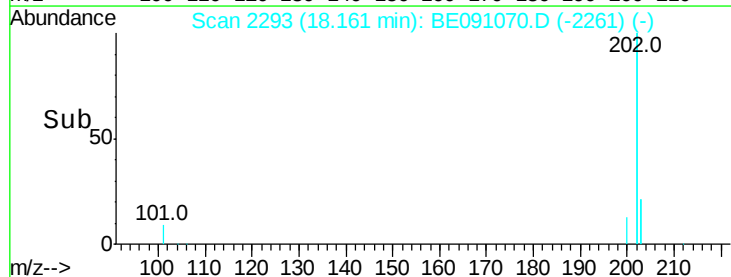
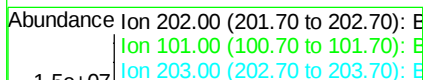
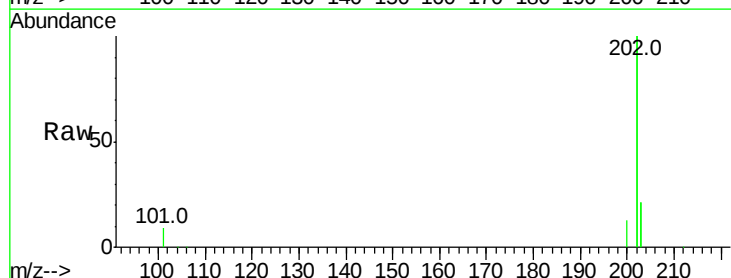
Tgt Ion:202 Resp:18603420

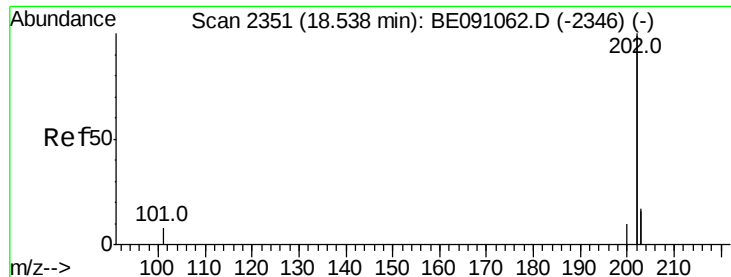
Ion Ratio Lower Upper

202 100

101 9.4 0.0 33.1

203 21.1 0.0 37.2





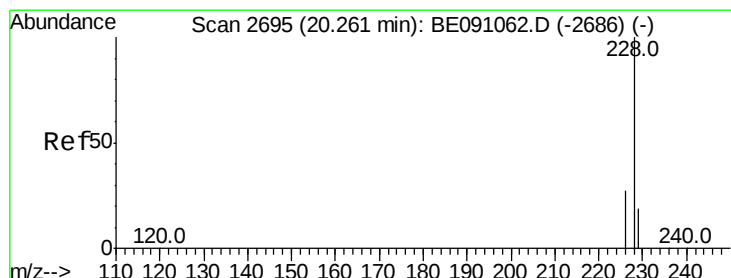
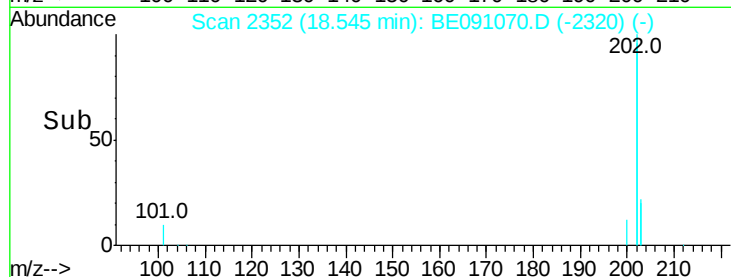
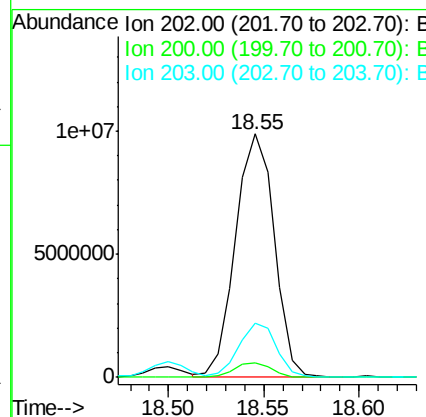
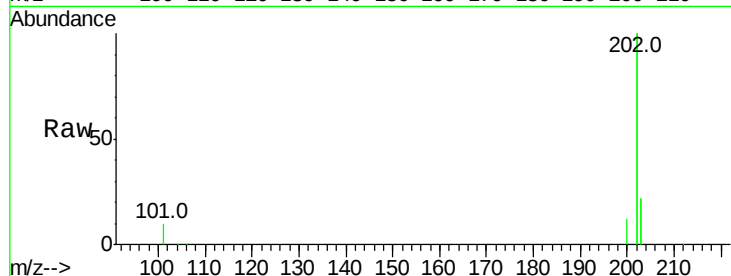
#19
Pvrene
Concen: 31.59 ng/ul
RT: 18.55 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tot Ion:202 Resp:13773357
Ion Ratio Lower Upper
202 100
200 6.1 18.0 27.0#
203 22.0 13.8 20.6#

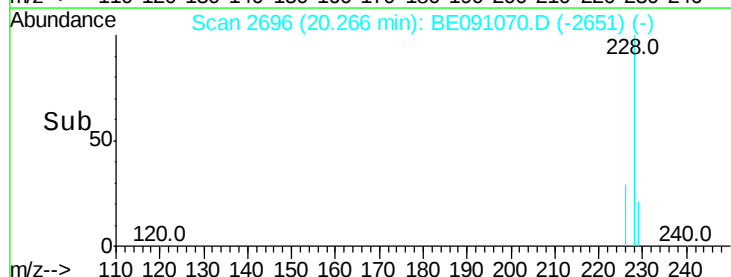
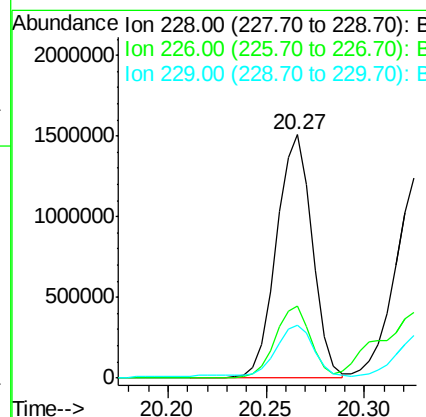
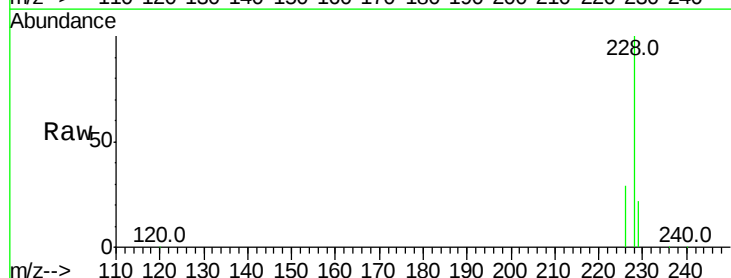
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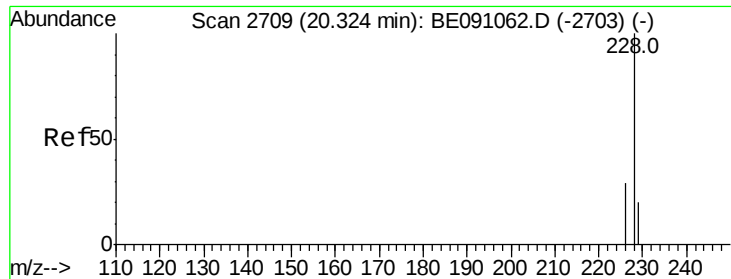
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#20
Benzo(a)anthracene
Concen: 19.38 ng/ul m
RT: 20.27 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:228 Resp: 1910332
Ion Ratio Lower Upper
228 100
226 29.4 23.0 34.4
229 21.7 15.2 22.8





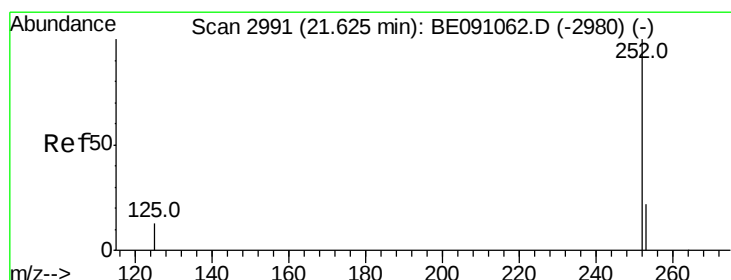
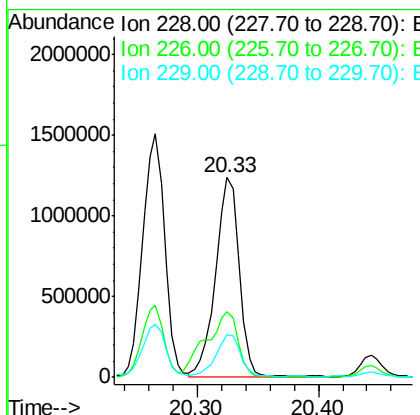
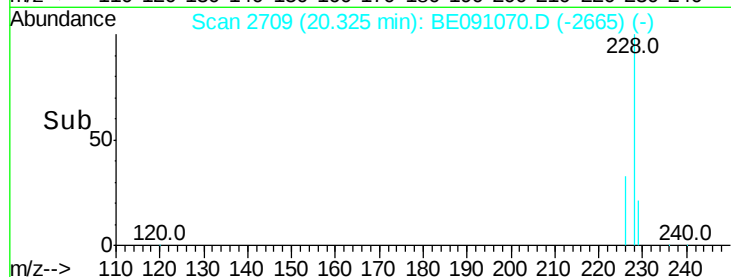
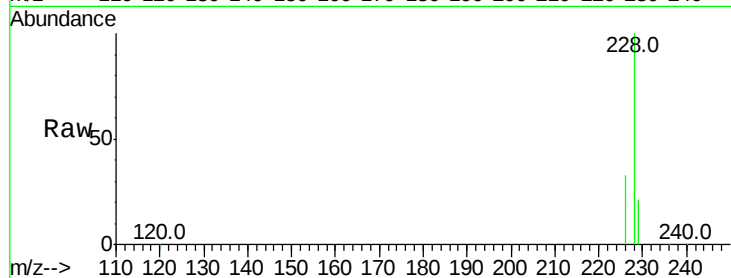
#21
Chrysene
Concen: 14.77 ng/ul
RT: 20.33 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Instrument :
BNA_E
ClientSampleId :
C0AP3

Tot Ion:228 Resp: 1677245
Ion Ratio Lower Upper
228 100
226 32.8 25.7 38.5
229 21.4 15.2 22.8

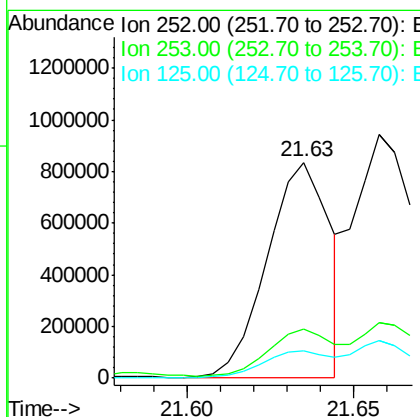
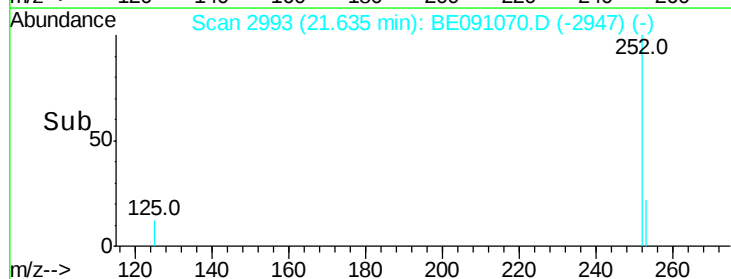
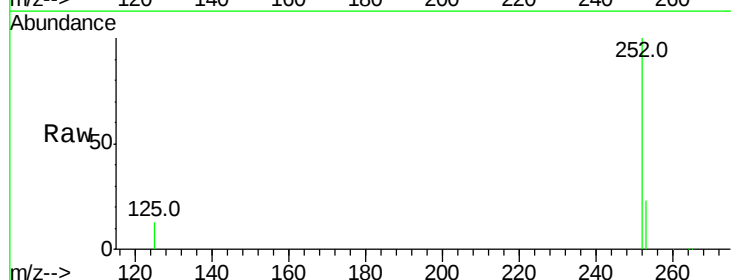
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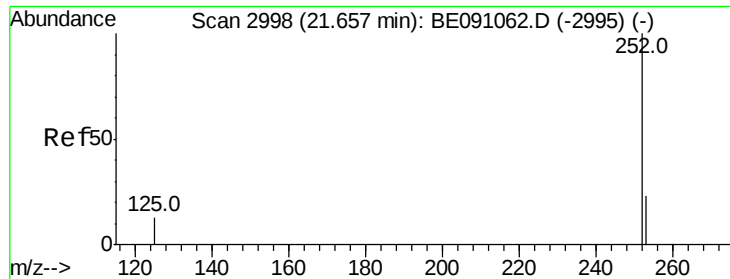
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#23
Benzo(b)fluoranthene
Concen: 14.05 ng/ul m
RT: 21.63 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BE091070.D
Acq: 5 Nov 2015 15:08

Tgt Ion:252 Resp: 1097468
Ion Ratio Lower Upper
252 100
253 22.9 0.0 48.0
125 12.8 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 15.39 ng/ul m

RT: 21.66 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE091070.D

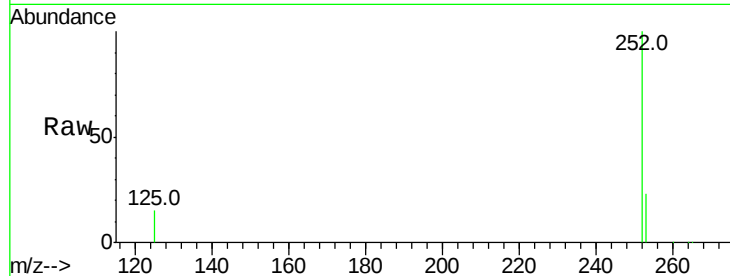
Acq: 5 Nov 2015 15:08

Instrument :

BNA_E

ClientSampleId :

C0AP3



Tot Ion:252 Resp: 1233764

Ion Ratio Lower Upper

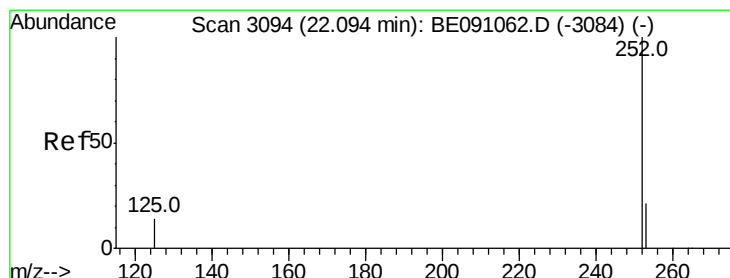
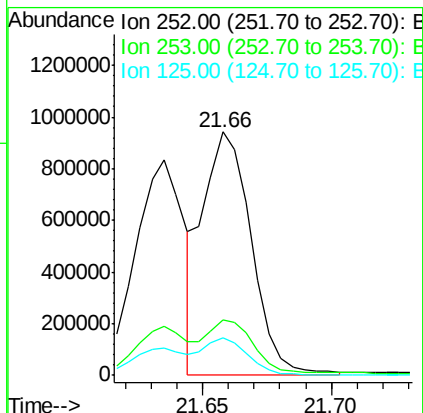
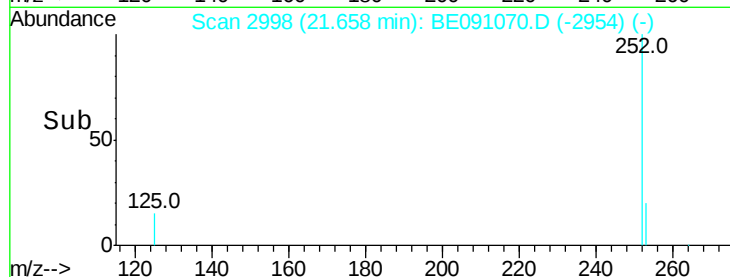
252 100

253 22.9 20.8 31.2

125 15.2 12.2 18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 18.25 ng/ul m

RT: 22.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

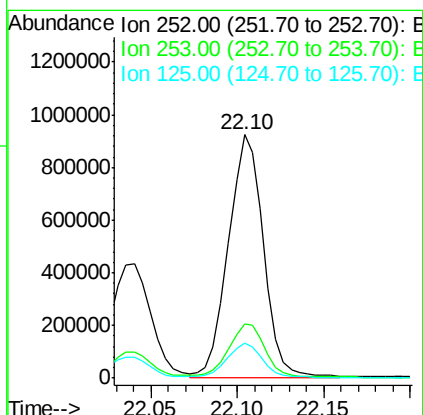
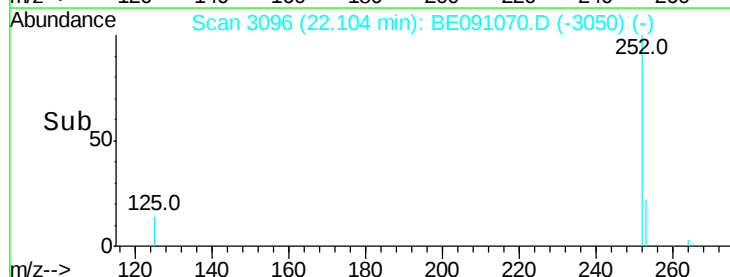
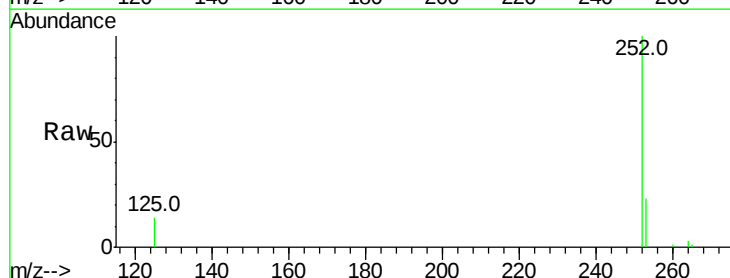
Tgt Ion:252 Resp: 1313031

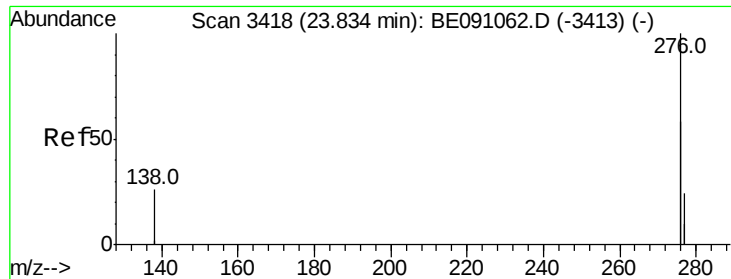
Ion Ratio Lower Upper

252 100

253 22.5 21.8 32.8

125 14.5 14.5 21.7#





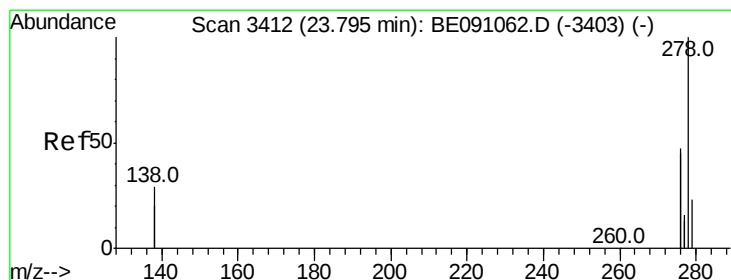
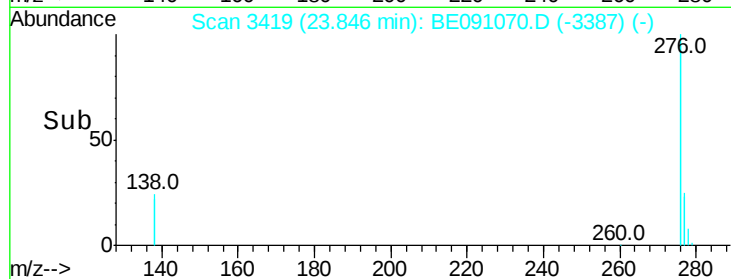
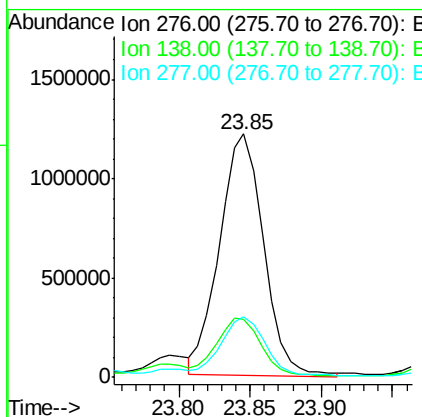
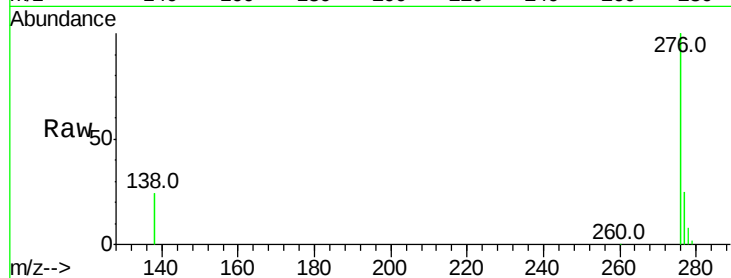
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 8.66 ng/ul m
 RT: 23.85 min Scan# 3419
 Delta R.T. 0.01 min
 Lab File: BE091070.D
 Acq: 5 Nov 2015 15:08

Instrument :
 BNA_E
 ClientSampleId :
 C0AP3

Tot Ion:276 Resp: 2624584
 Ion Ratio Lower Upper
 276 100
 138 4.3 27.5 41.3#
 277 3.0 19.3 28.9#

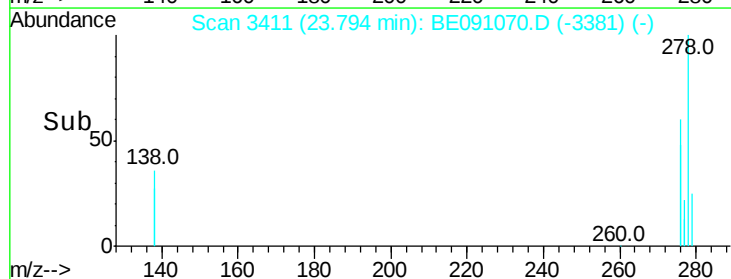
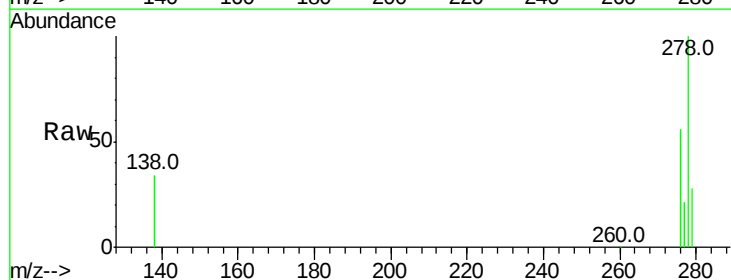
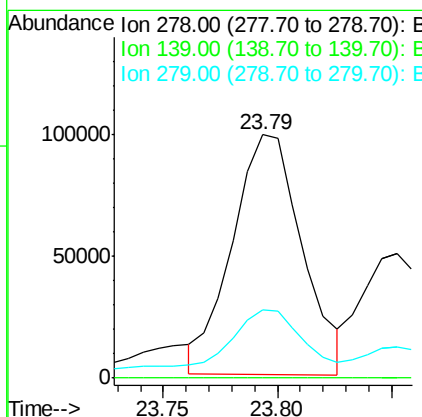
Manual Integrations
 APPROVED

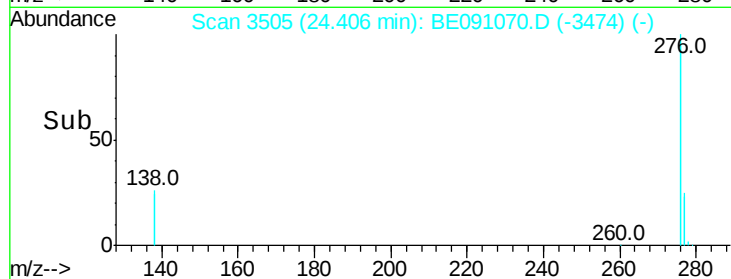
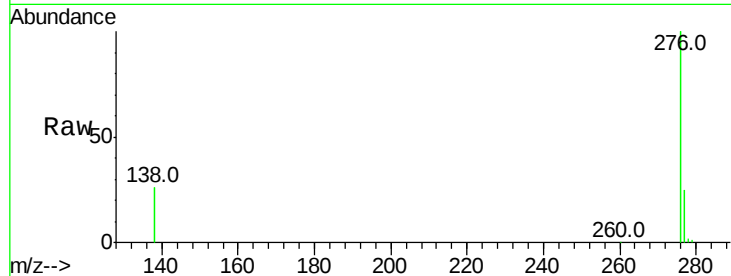
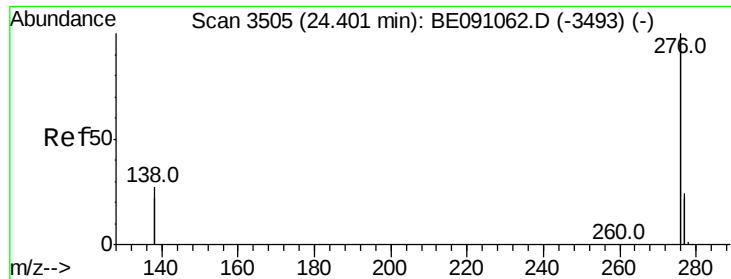
Mmdadoda
 11/6/2015 3:45:18 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 2.90 ng/ul m
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: BE091070.D
 Acq: 5 Nov 2015 15:08

Tgt Ion:278 Resp: 209525
 Ion Ratio Lower Upper
 278 100
 139 0.0 21.7 32.5#
 279 27.9 21.9 32.9





#28

Benzo(a,h,i)perylene

Concen: 6.71 ng/ul m

RT: 24.41 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BE091070.D

Acq: 5 Nov 2015 15:08

Tot Ion: 276 Resp: 2132500

Ion Ratio Lower Upper

276 100

277 25.0 21.3 31.9

138 26.3 25.5 38.3

Instrument :

BNA_E

ClientSampleId :

C0AP3

Manual Integrations
APPROVED

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11/6/2015 3:45:18 PM

