

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
 Data File : BE091072.D
 Acq On : 5 Nov 2015 18:25
 Operator : UM/NP
 Sample : G4273-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5

Manual Integrations
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Quant Time: Nov 09 13:22:33 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	3729	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	20672	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	12483	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	30291m	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	33442	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	41684	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	14449	5.39	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	5362	0.19	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	17564	0.21	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	9.62	128	47584	0.93	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	113036	3.40	ng/ul	98
9) Acenaphthylene	13.14	152	75714	1.21	ng/ul	98
10) Acenaphthene	13.46	153	531005	12.44	ng/ul	93
11) Fluorene	14.45	166	673568	12.28	ng/ul	89
14) Phenanthrene	16.17	178	8829948m	25.24	ng/ul	
15) Anthracene	16.25	178	4413170	13.88	ng/ul	97
17) Fluoranthene	18.16	202	11707609m	28.60	ng/ul	
19) Pyrene	18.54	202	8348999	21.98	ng/ul#	75
20) Benzo(a)anthracene	20.26	228	1143579	13.32	ng/ul	97
21) Chrysene	20.32	228	1050984	10.62	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	767738	5.90	ng/ul	93
24) Benzo(k)fluoranthene	21.66	252	723001	5.41	ng/ul	96
25) Benzo(a)pyrene	22.10	252	791315	6.60	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.84	276	1600607m	3.17	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	141246	1.17	ng/ul#	73
28) Benzo(g,h,i)perylene	24.41	276	1224498	2.31	ng/ul	93

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

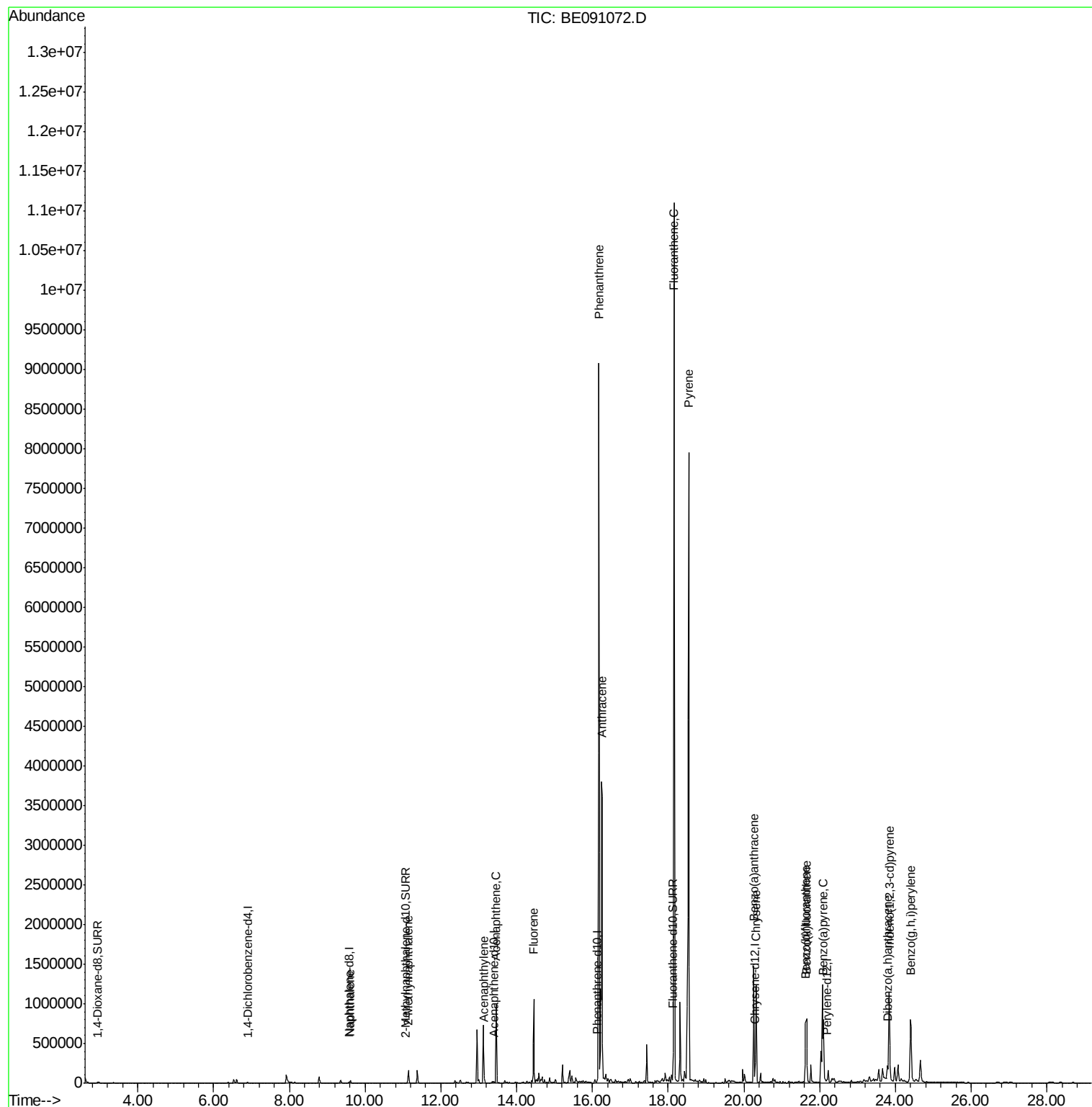
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110515\
Data File : BE091072.D
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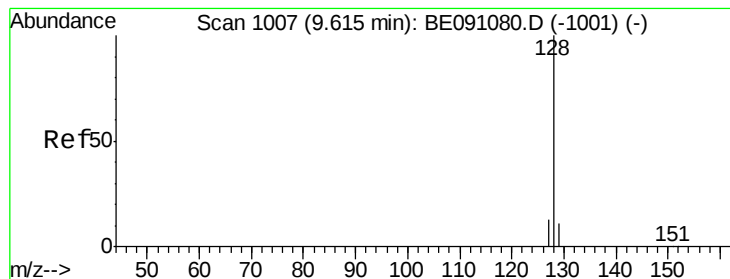
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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#5

Naphthalene

Concen: 0.93 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

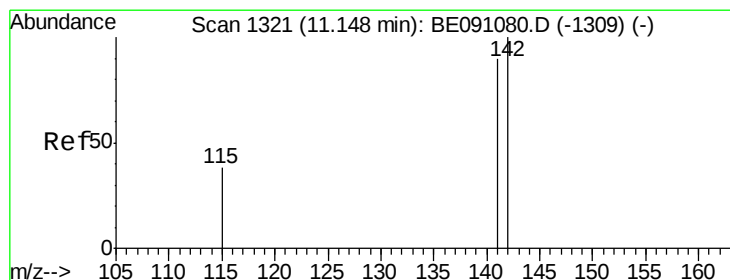
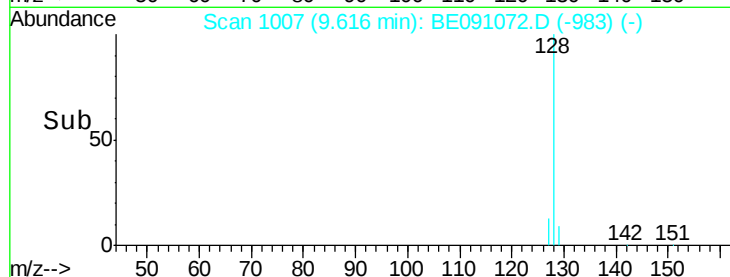
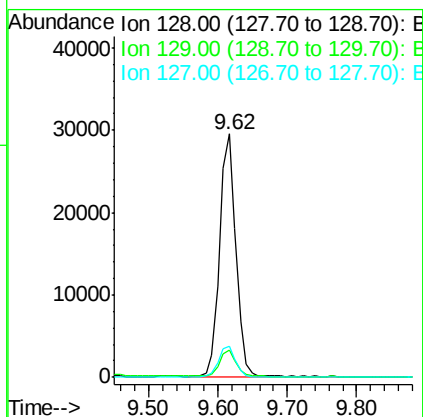
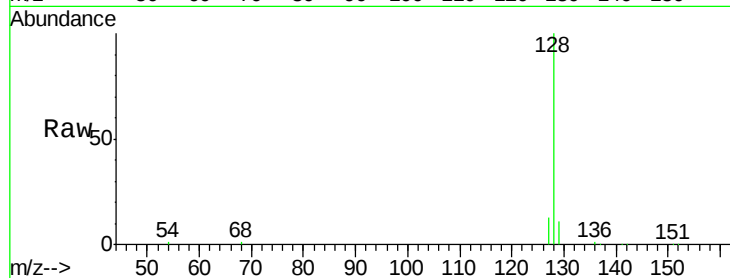
ClientSampleId :

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Tgt Ion:	128	Resp:	47584
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.8	14.8
127	12.8	10.7	16.1



#7

2-Methylnaphthalene

Concen: 3.40 ng/ul

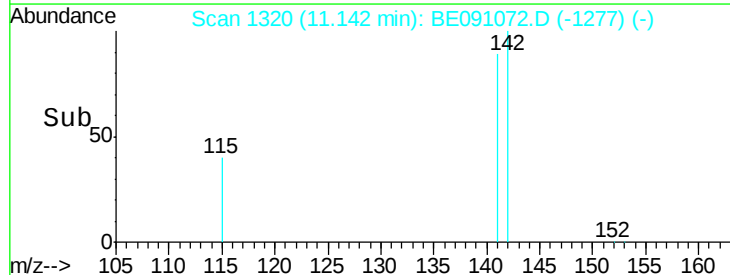
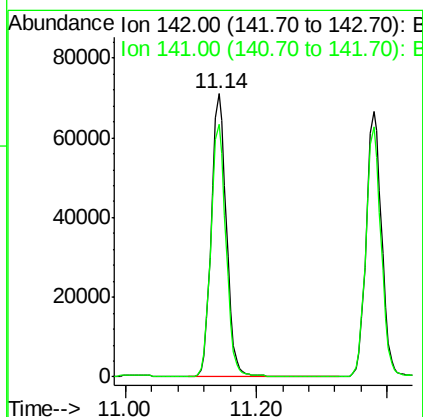
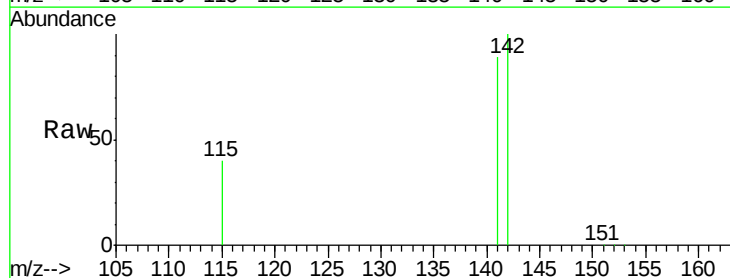
RT: 11.14 min Scan# 1320

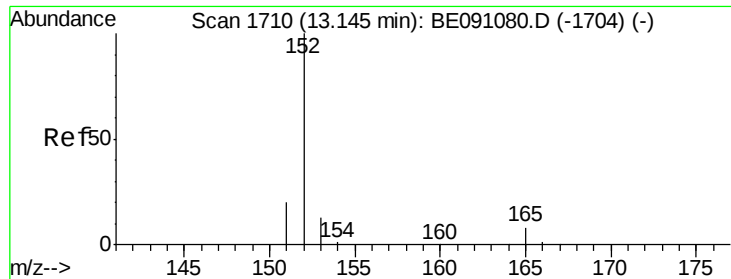
Delta R.T. -0.01 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Tgt Ion:	142	Resp:	113036
Ion Ratio	Lower	Upper	
142	100		
141	89.9	70.3	105.5





#9

Acenaphthylene

Concen: 1.21 ng/ul

RT: 13.14 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091072.D

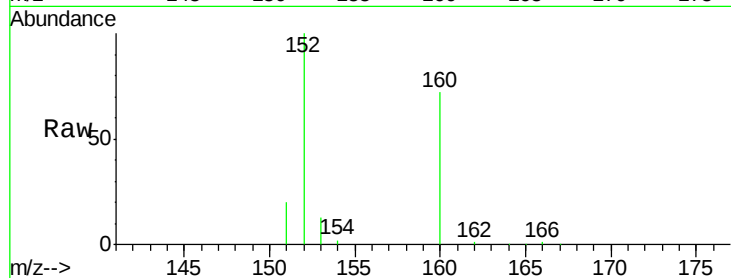
Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

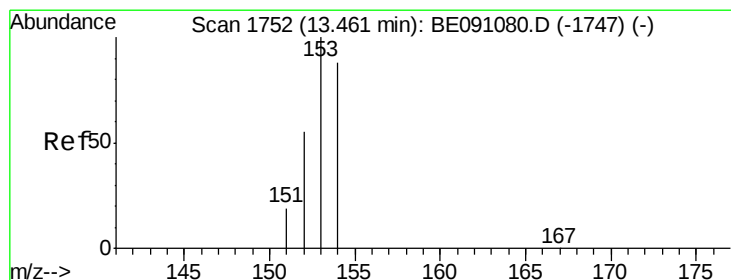
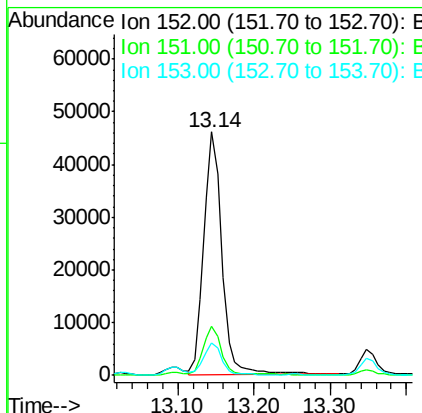
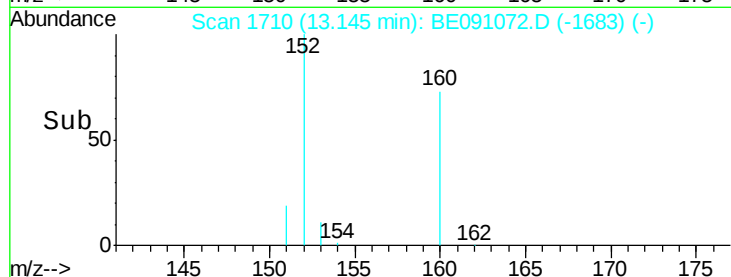
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.2	11.3	16.9

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#10

Acenaphthene

Concen: 12.44 ng/ul

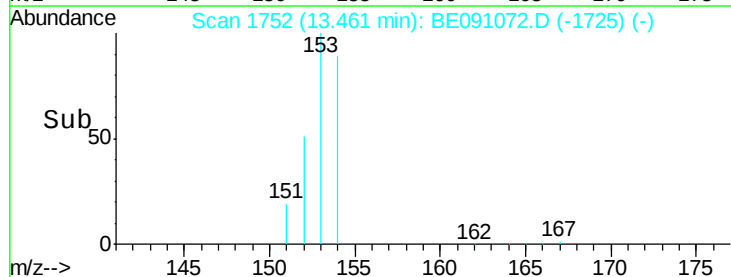
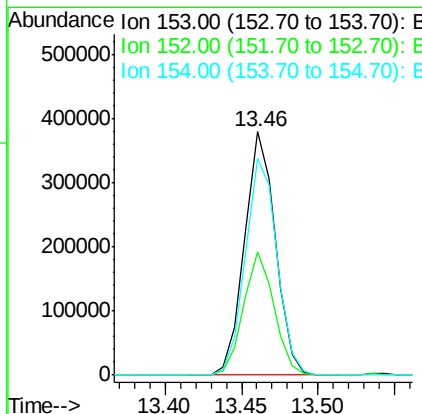
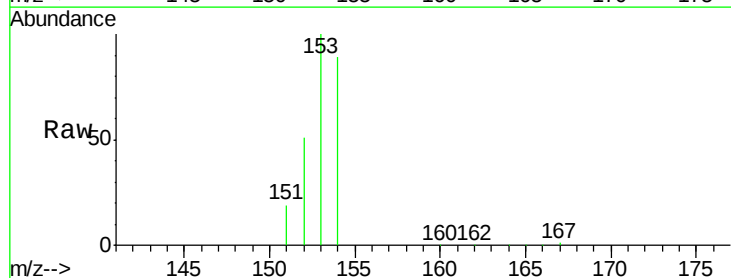
RT: 13.46 min Scan# 1752

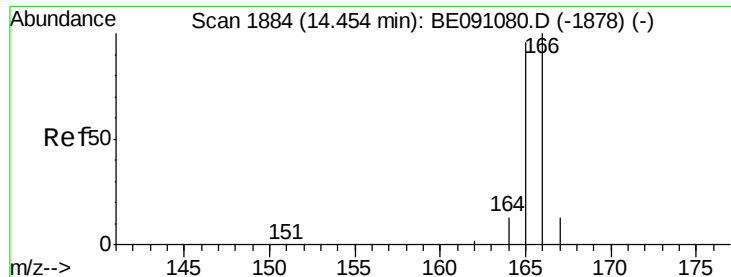
Delta R.T. -0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.6	42.3	63.5
154	89.2	64.7	97.1





#11

Fluorene

Concen: 12.28 ng/ul

RT: 14.45 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BE091072.D

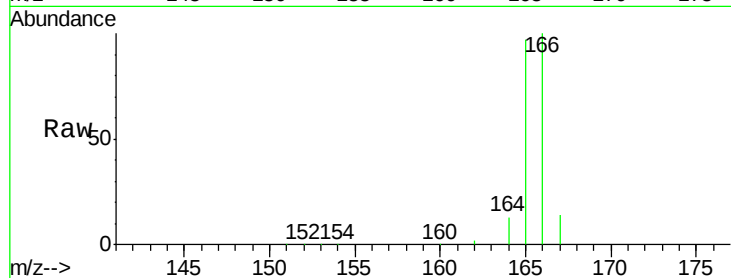
Acq: 5 Nov 2015 18:25

Instrument :

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ClientSampleId :

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Tgt Ion:166 Resp: 673568

Ion Ratio Lower Upper

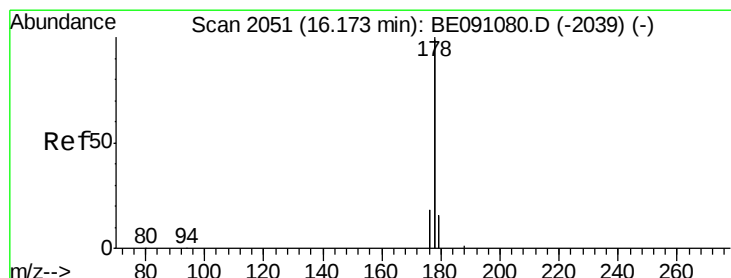
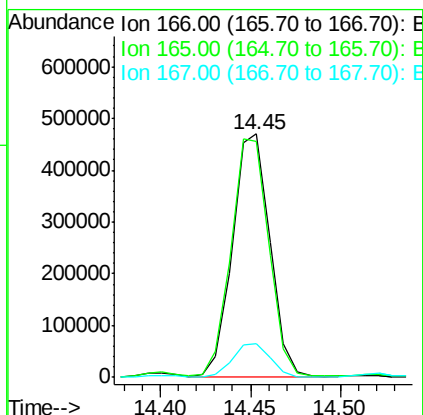
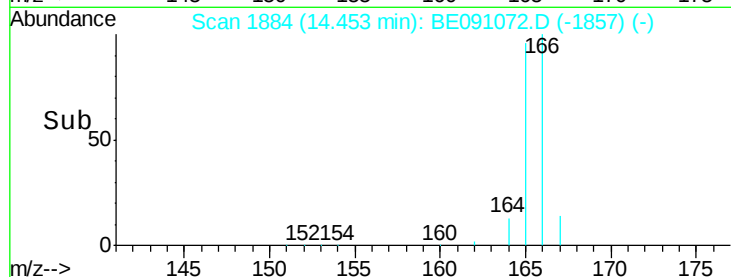
166 100

165 96.7 87.6 131.4

167 13.8 11.1 16.7

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#14

Phenanthrene

Concen: 25.24 ng/ul m

RT: 16.17 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

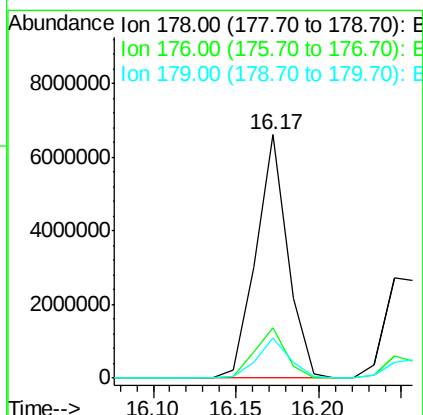
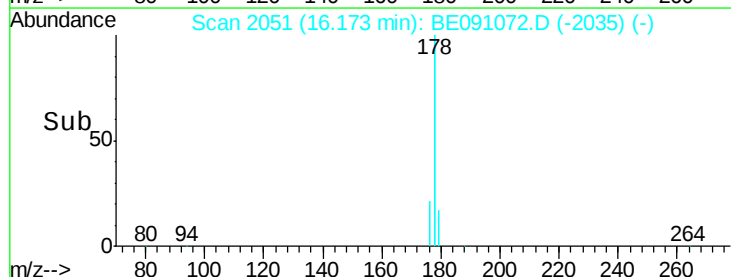
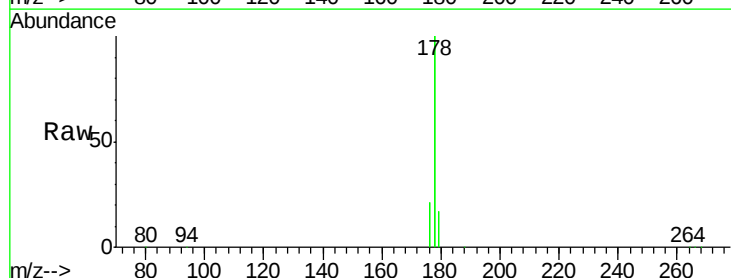
Tgt Ion:178 Resp: 8829948

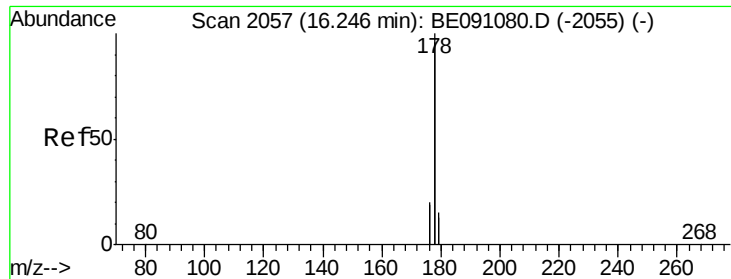
Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

179 16.7 12.8 19.2





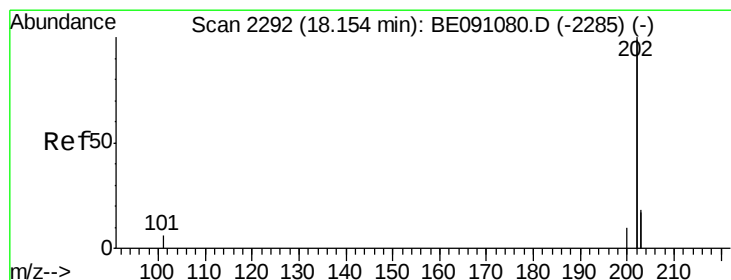
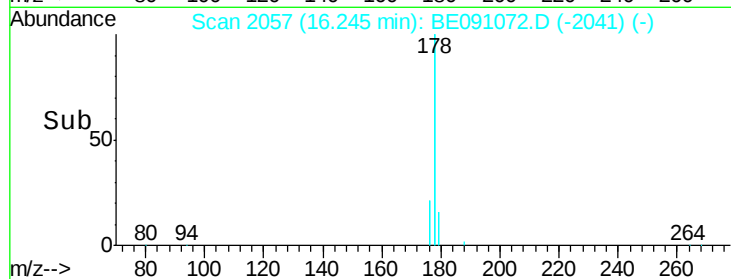
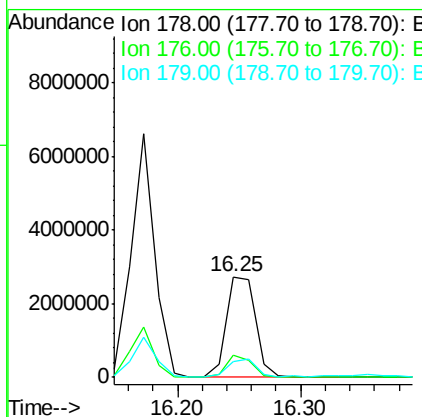
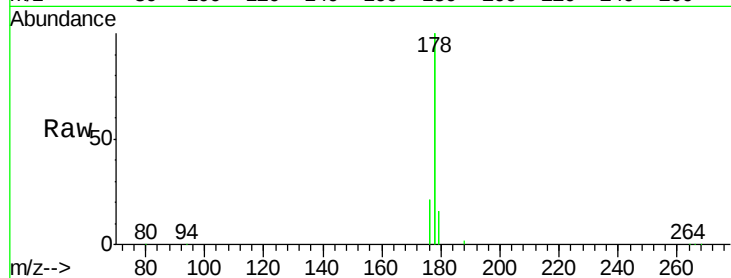
#15
 Anthracene
 Concen: 13.88 ng/u1
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091072.D
 Acq: 5 Nov 2015 18:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5

Tgt Ion:178 Resp: 4413170
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.8 23.8
 179 16.1 13.3 19.9

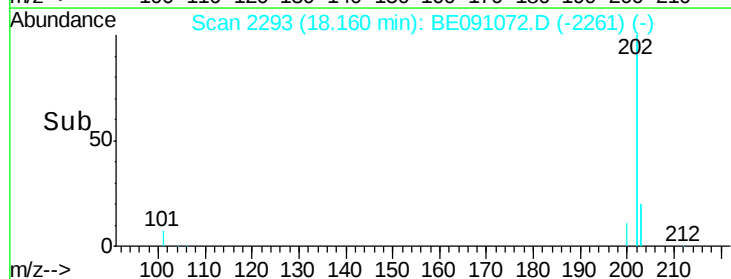
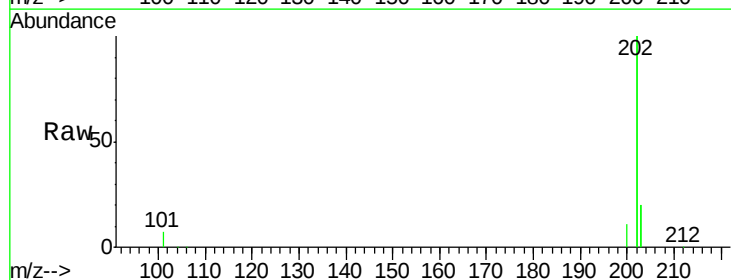
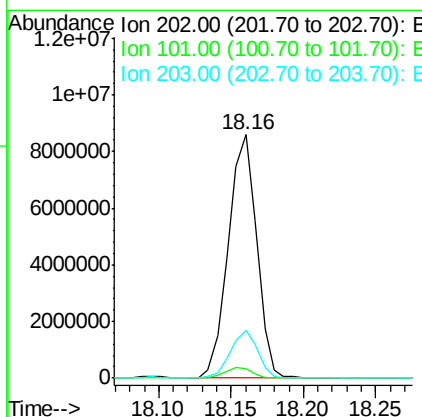
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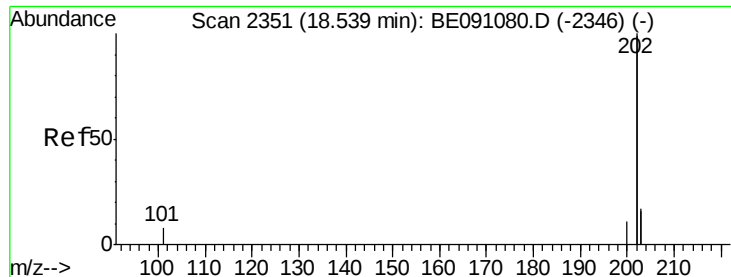
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#17
 Fluoranthene
 Concen: 28.60 ng/u1 m
 RT: 18.16 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BE091072.D
 Acq: 5 Nov 2015 18:25

Tgt Ion:202 Resp:11707609
 Ion Ratio Lower Upper
 202 100
 101 7.3 0.0 33.1
 203 19.8 0.0 37.2





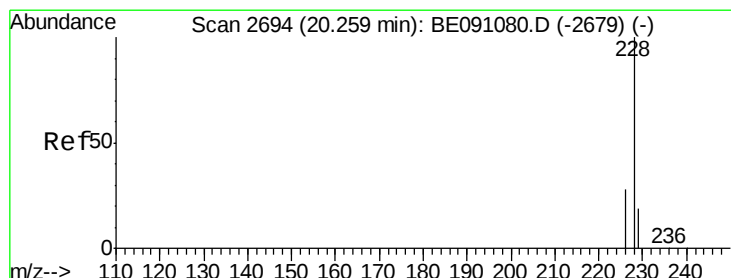
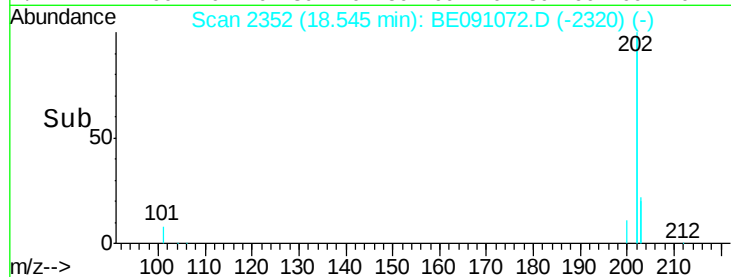
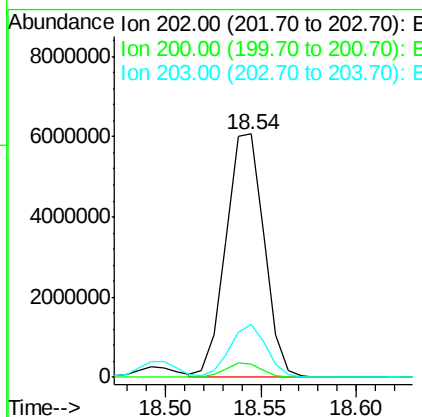
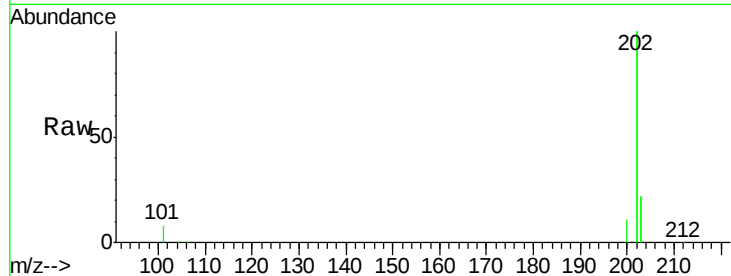
#19
Pyrene
Concen: 21.98 ng/ul
RT: 18.54 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	21.6	13.8	20.6#

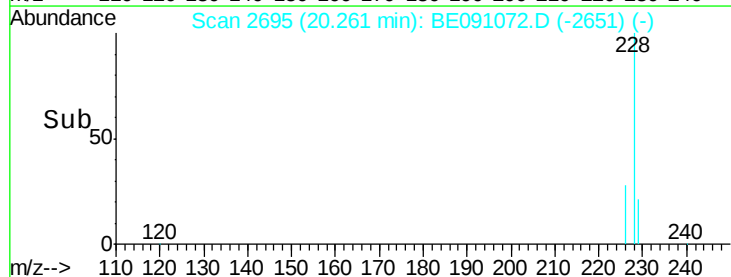
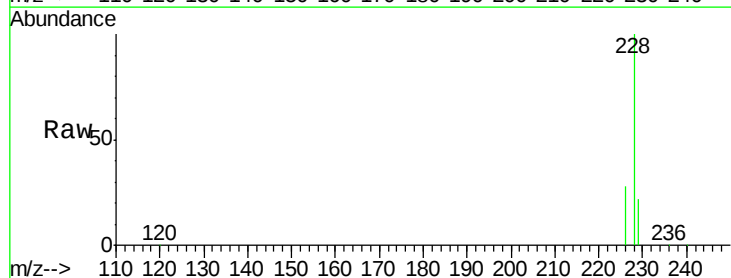
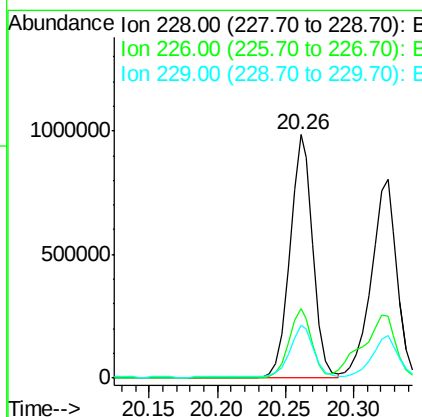
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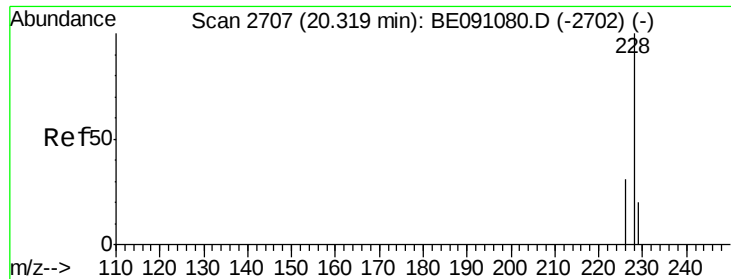
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#20
Benzo(a)anthracene
Concen: 13.32 ng/ul
RT: 20.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.7	15.2	22.8





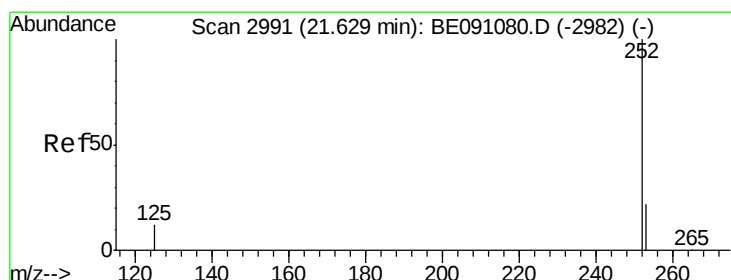
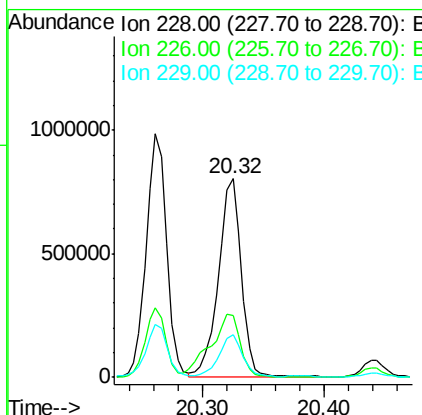
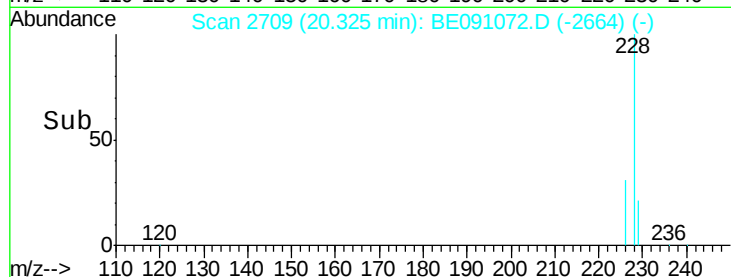
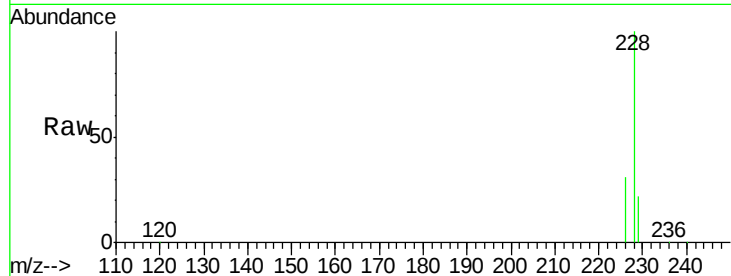
#21
Chrysene
Concen: 10.62 ng/u1
RT: 20.32 min Scan# 2709
Delta R.T. 0.01 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 1050984
Ion Ratio Lower Upper
228 100
226 31.1 25.7 38.5
229 21.8 15.2 22.8

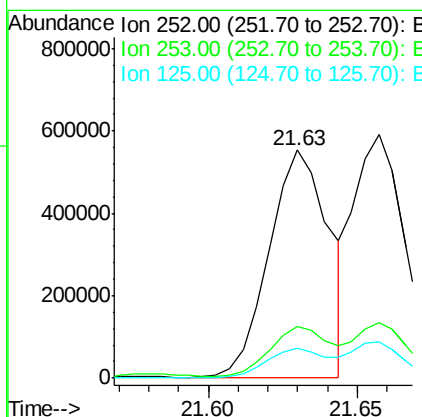
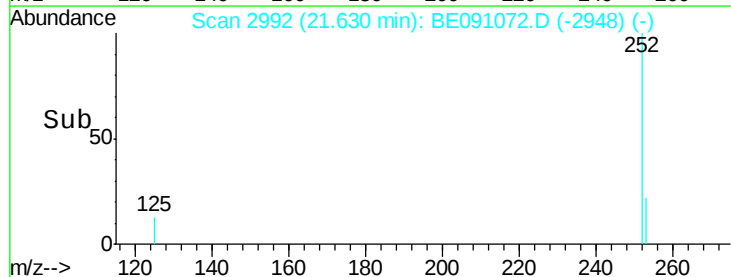
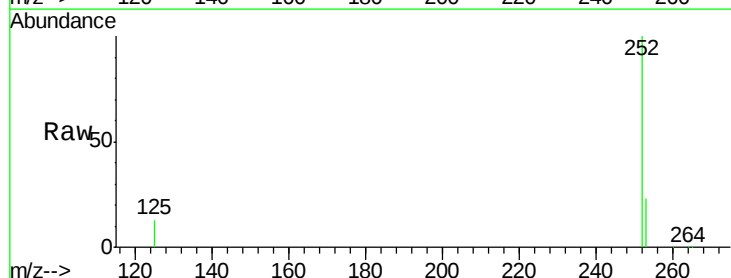
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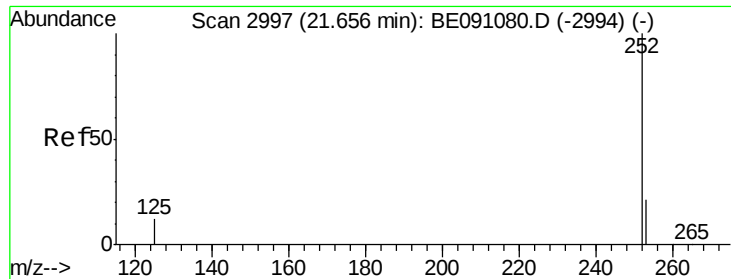
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#23
Benzo(b)fluoranthene
Concen: 5.90 ng/u1
RT: 21.63 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE091072.D
Acq: 5 Nov 2015 18:25

Tgt Ion:252 Resp: 767738
Ion Ratio Lower Upper
252 100
253 22.7 0.0 48.0
125 13.0 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 5.41 ng/ul

RT: 21.66 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BE091072.D

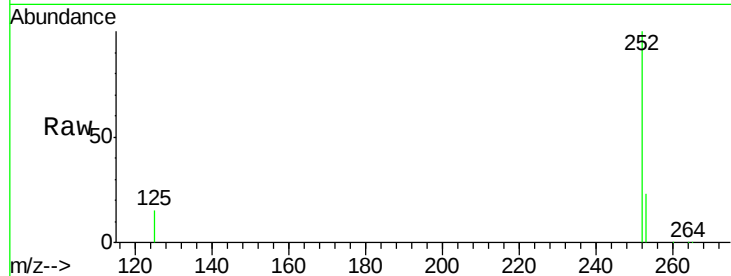
Acq: 5 Nov 2015 18:25

Instrument :

BNA_E

ClientSampleId :

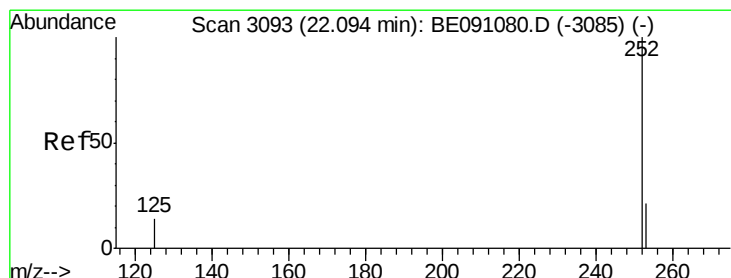
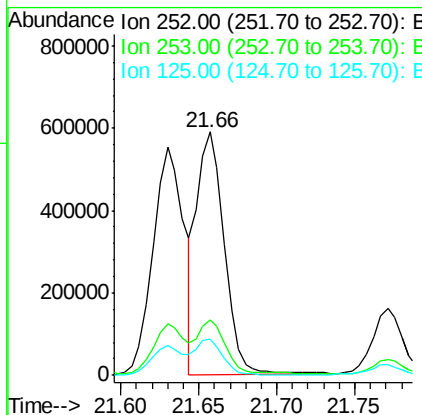
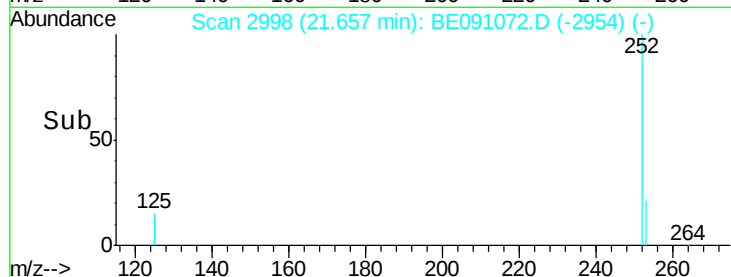
C0AP5



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.8	31.2
125	14.8	12.2	18.4

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#25

Benzo(a)pyrene

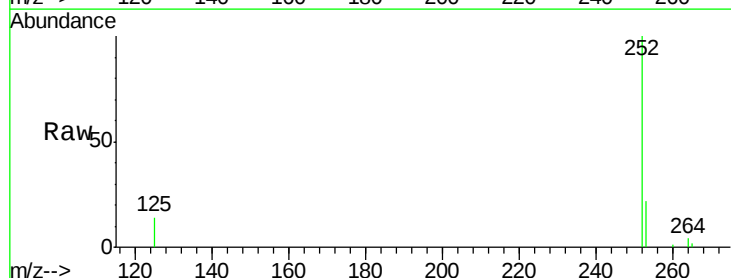
Concen: 6.60 ng/ul

RT: 22.10 min Scan# 3095

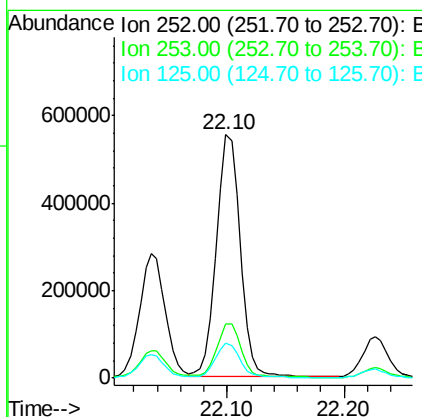
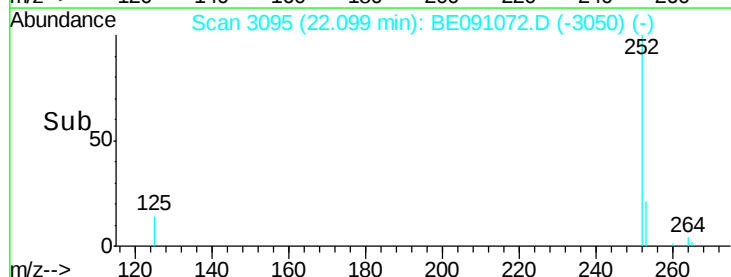
Delta R.T. 0.01 min

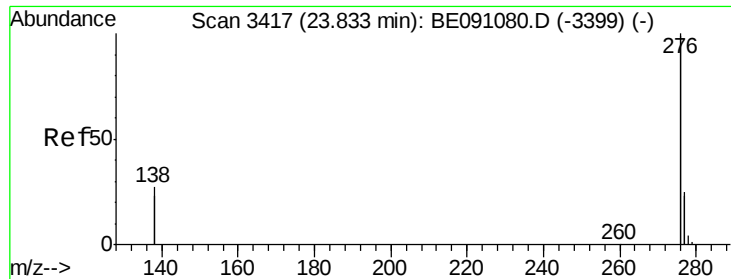
Lab File: BE091072.D

Acq: 5 Nov 2015 18:25



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.8	32.8
125	14.5	14.5	21.7





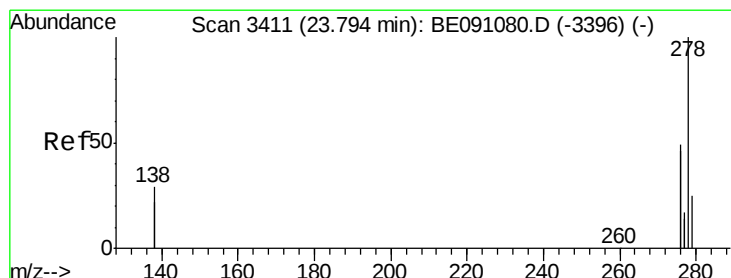
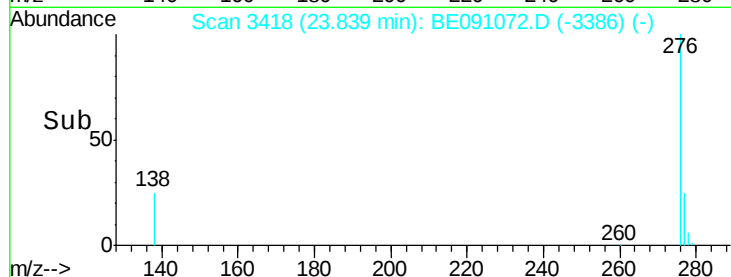
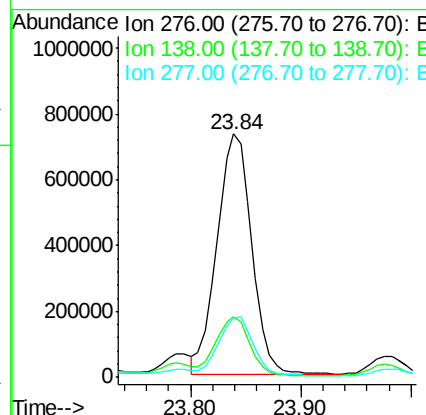
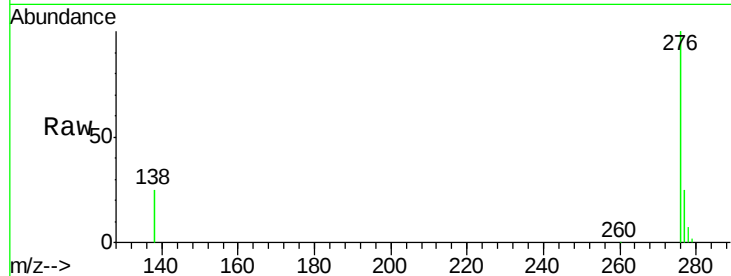
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 3.17 ng/ul m
 RT: 23.84 min Scan# 3418
 Delta R.T. 0.01 min
 Lab File: BE091072.D
 Acq: 5 Nov 2015 18:25

Instrument :
 BNA_E
 ClientSampleId :
 C0AP5

Tgt Ion:276 Resp: 1600607
 Ion Ratio Lower Upper
 276 100
 138 23.4 27.5 41.3#
 277 24.0 19.3 28.9

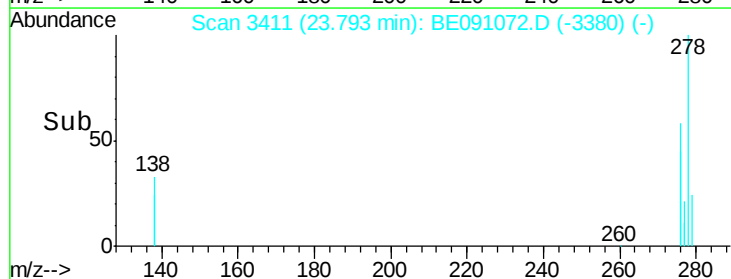
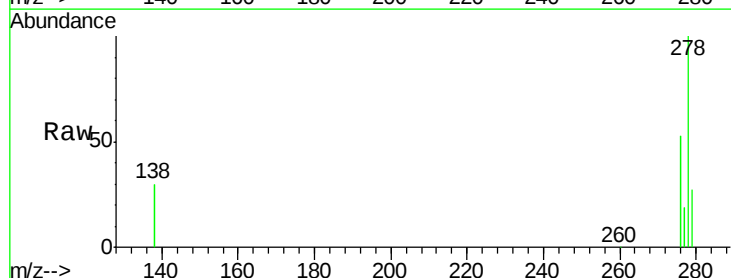
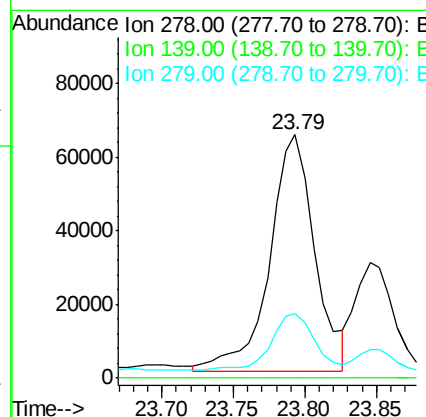
Manual Integrations
 APPROVED

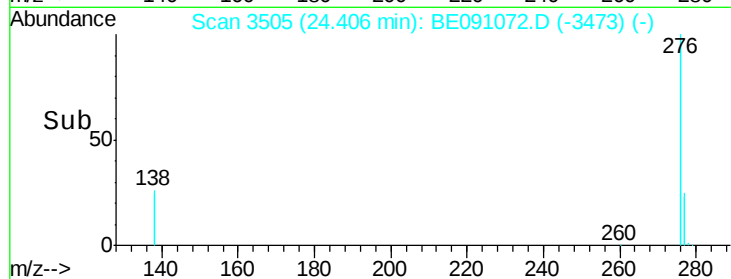
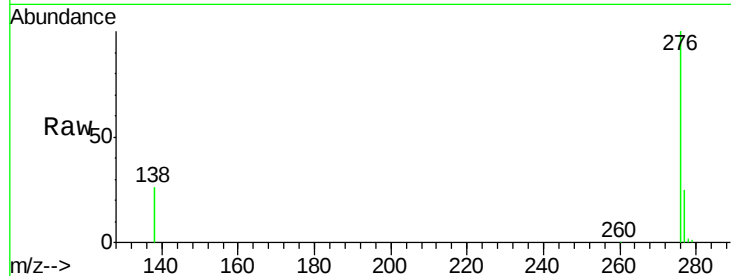
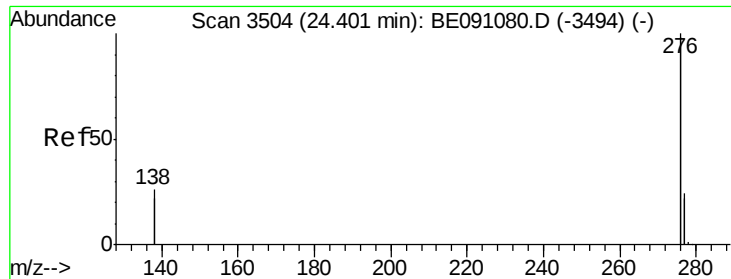
Mmdadoda
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#27
 Dibenzo(a,h)anthracene
 Concen: 1.17 ng/ul
 RT: 23.79 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: BE091072.D
 Acq: 5 Nov 2015 18:25

Tgt Ion:278 Resp: 141246
 Ion Ratio Lower Upper
 278 100
 139 0.0 21.7 32.5#
 279 26.6 21.9 32.9





#28

Benzo(g,h,i)perylene

Concen: 2.31 ng/ul

RT: 24.41 min Scan# 3505

Delta R.T. 0.01 min

Lab File: BE091072.D

Acq: 5 Nov 2015 18:25

Tgt Ion: 276 Resp: 1224498

Ion Ratio Lower Upper

276 100

277 24.9 21.3 31.9

138 25.9 25.5 38.3

Instrument :

BNA_E

ClientSampleId :

C0AP5

Manual Integrations
APPROVED

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