

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
 Data File : BE091136.D
 Acq On : 12 Nov 2015 9:39
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
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 11/16/2015 12:42:24 PM

Quant Time: Nov 13 16:31:30 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	6.90	152	3115	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	17383	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	10287	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.12	188	25334m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.28	240	36505	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	37710	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.93	96	9235	4.12	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	11.07	152	2854	0.12	ng/ul	0.00
16) Fluoranthene-d10	18.12	212	7864	0.11	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.61	128	13327	0.31	ng/ul	99
7) 2-Methylnaphthalene	11.14	142	5599	0.20	ng/ul	96
9) Acenaphthylene	13.15	152	8065	0.16	ng/ul	98
10) Acenaphthene	13.46	153	18482	0.53	ng/ul	93
11) Fluorene	14.45	166	27377	0.61	ng/ul	93
14) Phenanthrene	16.16	178	1698613m	5.81	ng/ul	
15) Anthracene	16.25	178	441640	1.66	ng/ul	96
17) Fluoranthene	18.15	202	2176804	6.36	ng/ul	90
19) Pyrene	18.53	202	1924804	4.64	ng/ul#	80
20) Benzo(a)anthracene	20.26	228	254003m	2.71	ng/ul	
21) Chrysene	20.32	228	225838	2.09	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	158238	1.34	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	176460	1.46	ng/ul	96
25) Benzo(a)pyrene	22.09	252	198785m	1.83	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	429351m	0.94	ng/ul	
27) Dibenzo(a,h)anthracene	23.78	278	28893	0.27	ng/ul#	73
28) Benzo(g,h,i)perylene	24.39	276	358836	0.75	ng/ul	95

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

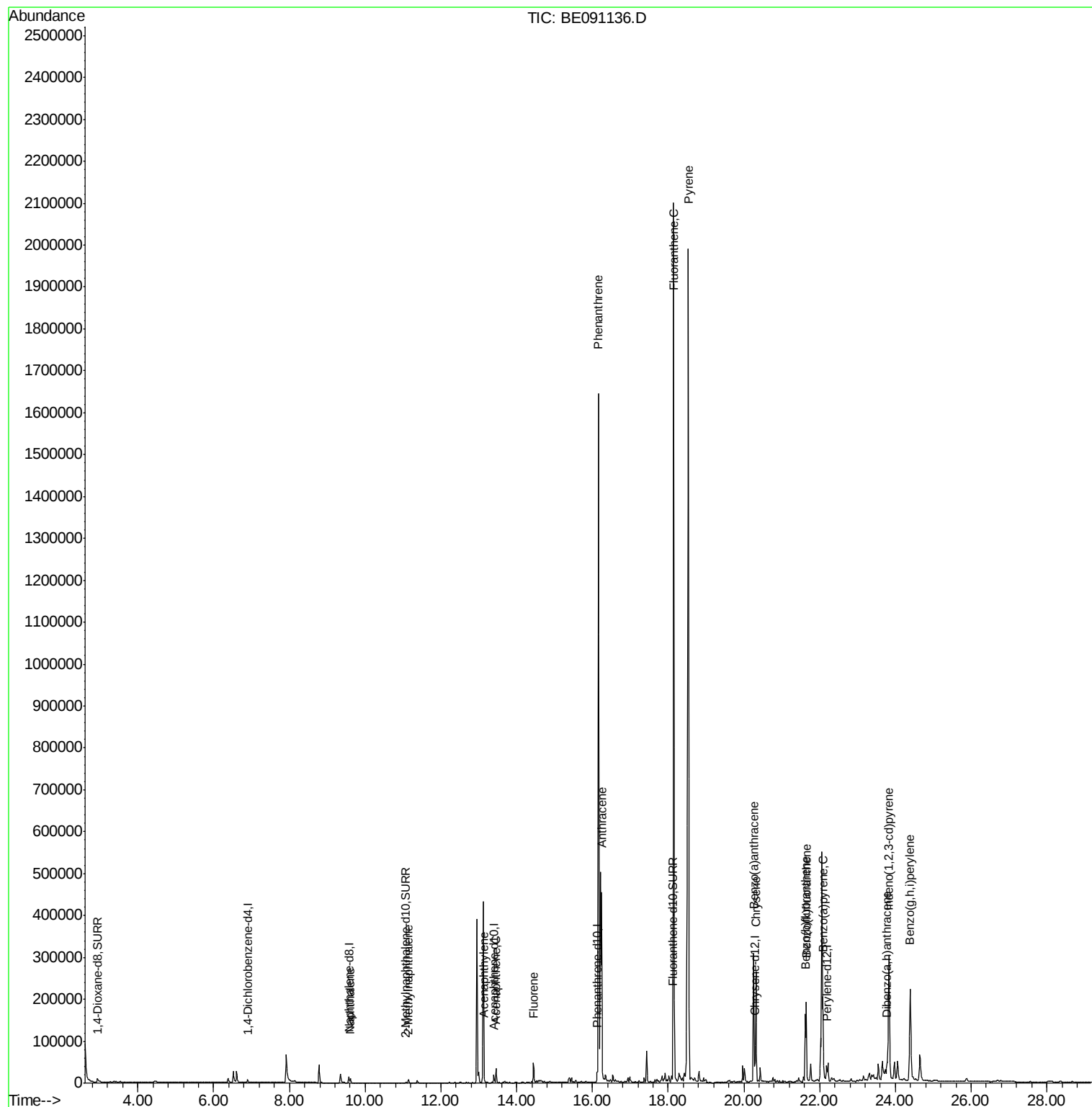
Data Path : Z:\HPCHEM1\BNA E\DATA\BE111115\
Data File : BE091136.D
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Sample : G4322-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

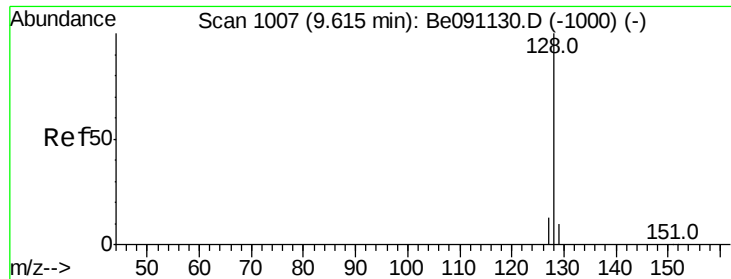
Instrument :
BNA_E
ClientSampleId :
A4HS0

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Quant Time: Nov 13 16:31:30 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





#5

Naphthalene

Concen: 0.31 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

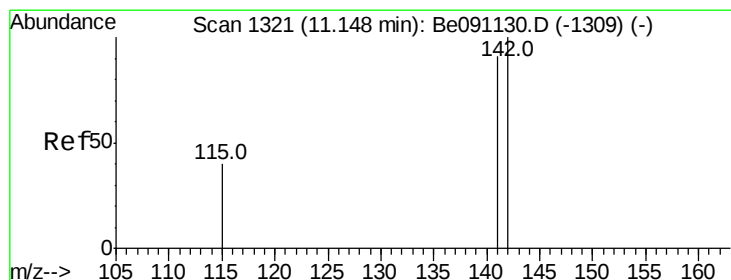
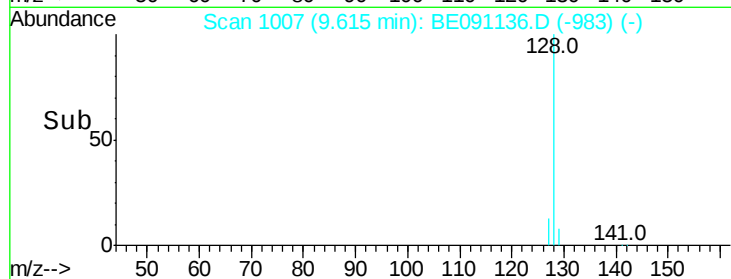
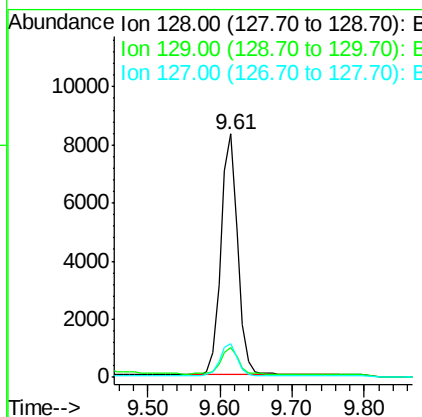
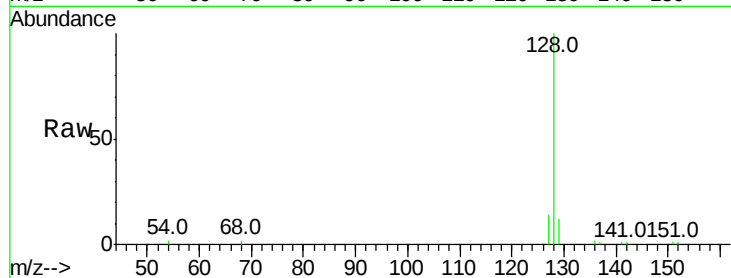
ClientSampleId :

A4HS0

Tot Ion:	128	Resp:	13327
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.8	14.8
127	13.7	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.20 ng/ul

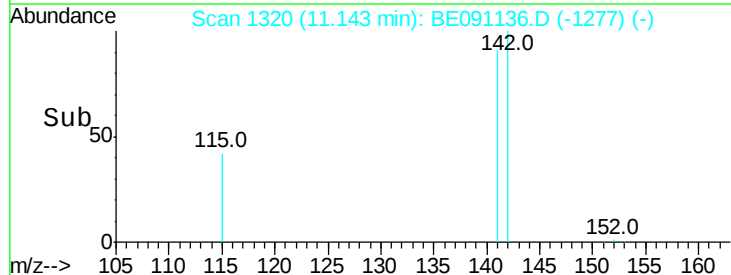
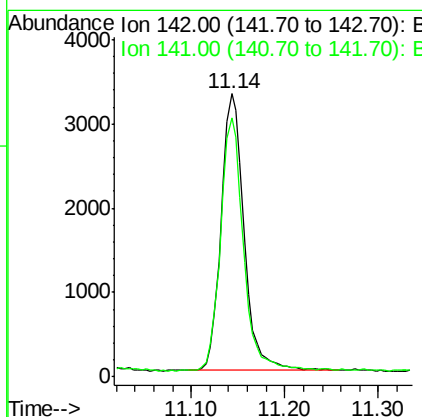
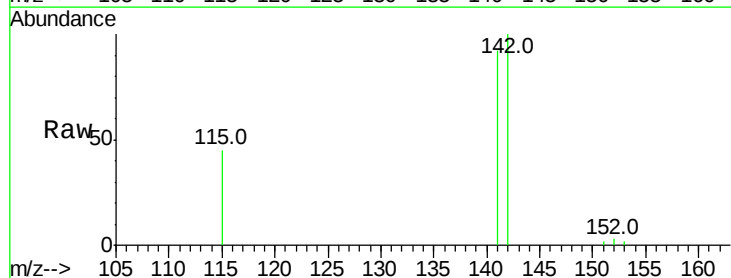
RT: 11.14 min Scan# 1320

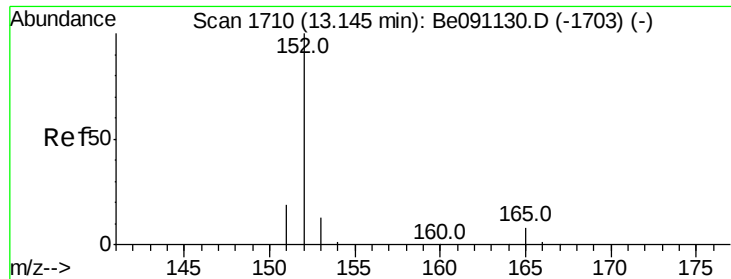
Delta R.T. -0.01 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Tgt Ion:	142	Resp:	5599
Ion Ratio	Lower	Upper	
142	100		
141	91.7	70.3	105.5





#9

Acenaphthylene

Concen: 0.16 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

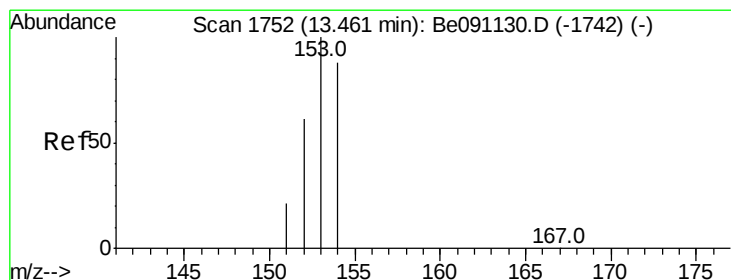
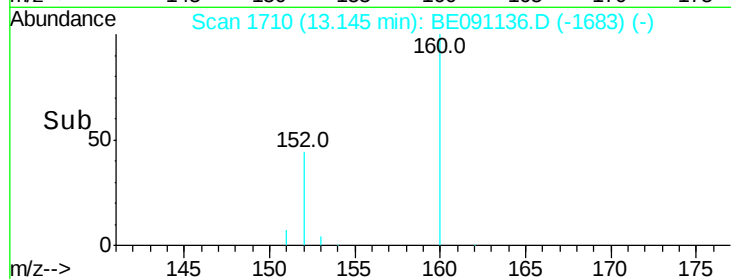
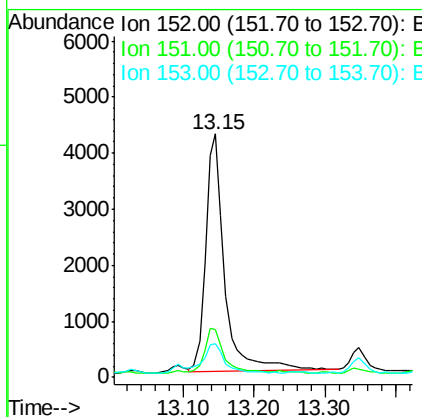
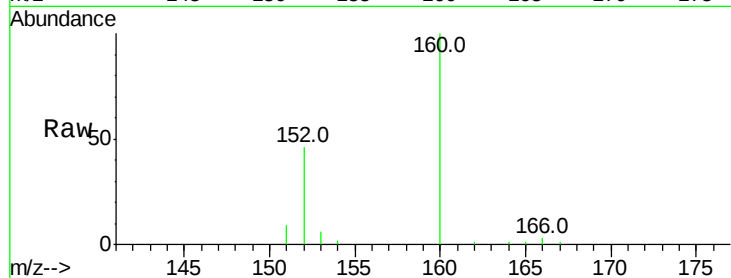
ClientSampleId :

A4HS0

Tot Ion:	152	Resp:	8065
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.8	25.2
153	13.9	11.3	16.9

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#10

Acenaphthene

Concen: 0.53 ng/ul

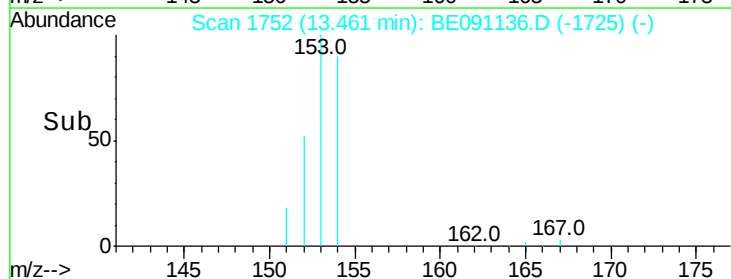
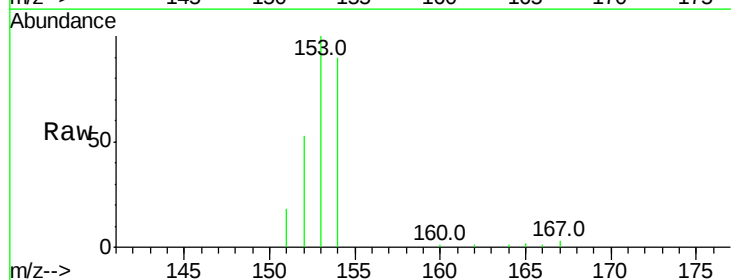
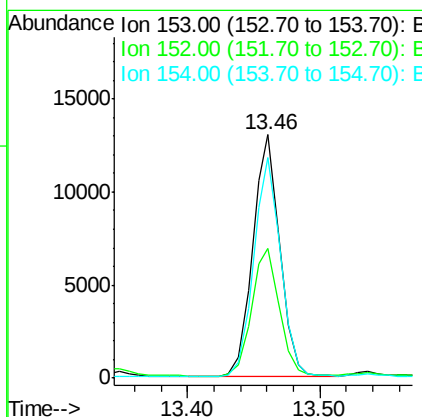
RT: 13.46 min Scan# 1752

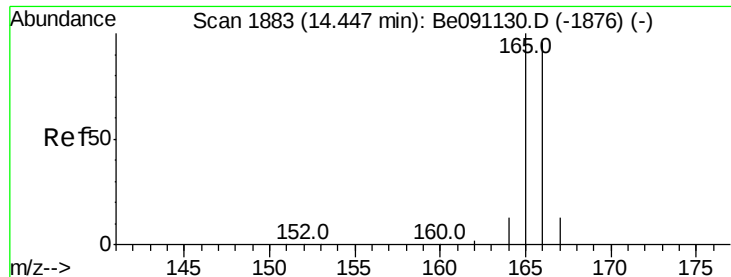
Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Tgt Ion:	153	Resp:	18482
Ion Ratio	Lower	Upper	
153	100		
152	53.1	42.3	63.5
154	90.3	64.7	97.1





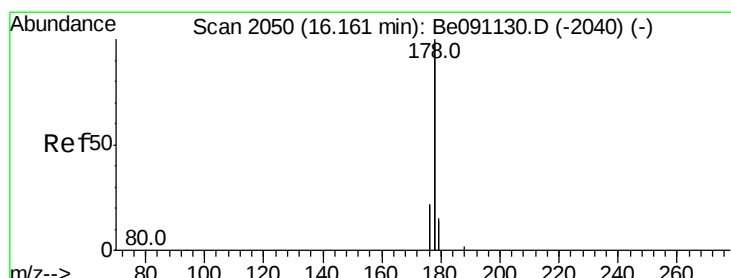
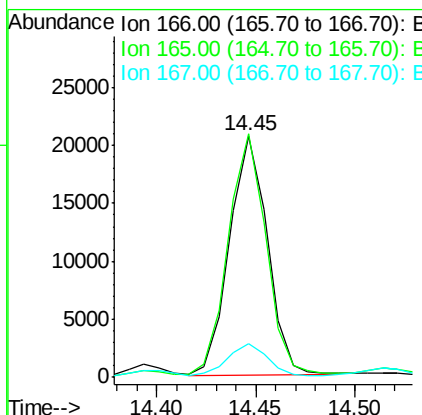
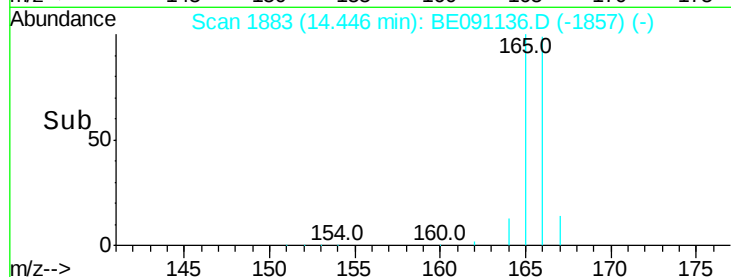
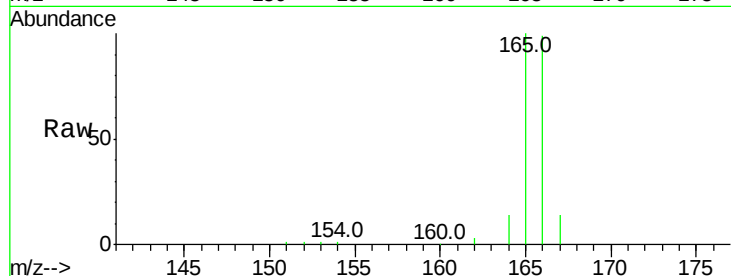
#11
Fluorene
 Concen: 0.61 ng/ul
 RT: 14.45 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BE091136.D
 Acq: 12 Nov 2015 9:39

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.8	87.6	131.4
167	13.9	11.1	16.7

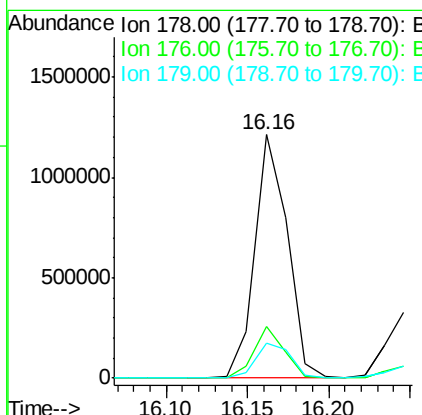
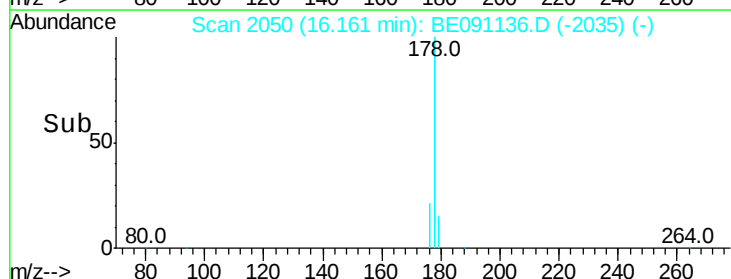
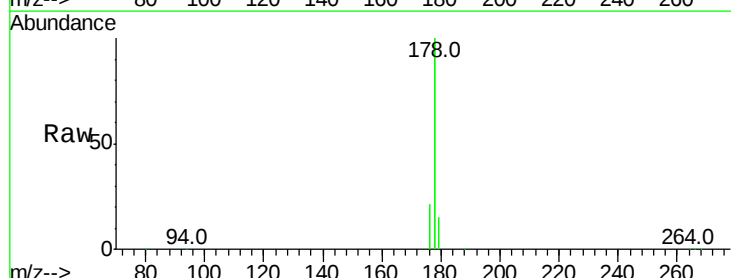
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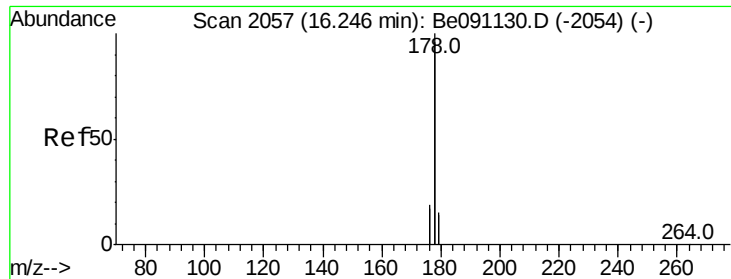
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#14
Phenanthrene
 Concen: 5.81 ng/ul m
 RT: 16.16 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BE091136.D
 Acq: 12 Nov 2015 9:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	14.5	12.8	19.2





#15

Anthracene

Concen: 1.66 ng/ul

RT: 16.25 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

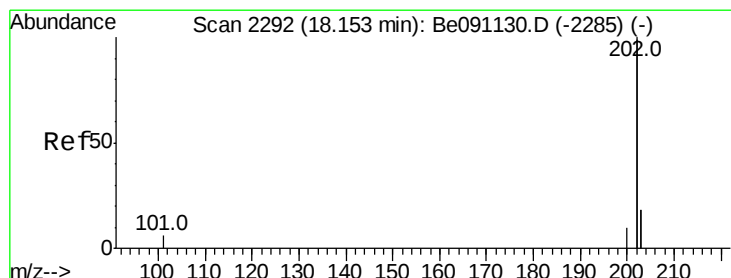
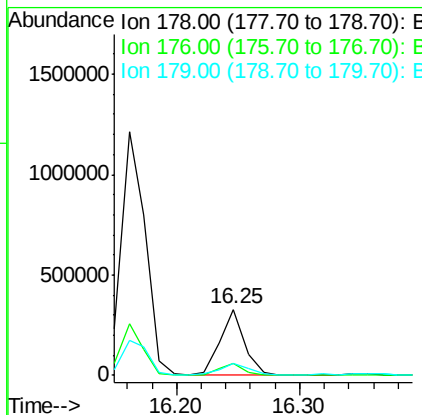
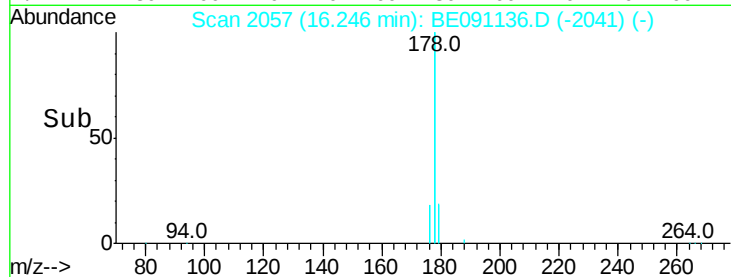
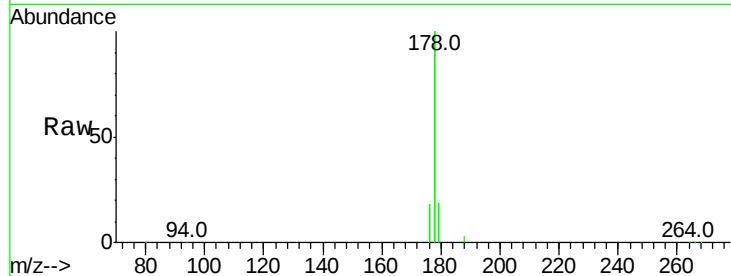
ClientSampleId :

A4HS0

Tot Ion:	178	Resp:	441640
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	18.7	13.3	19.9

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#17

Fluoranthene

Concen: 6.36 ng/ul

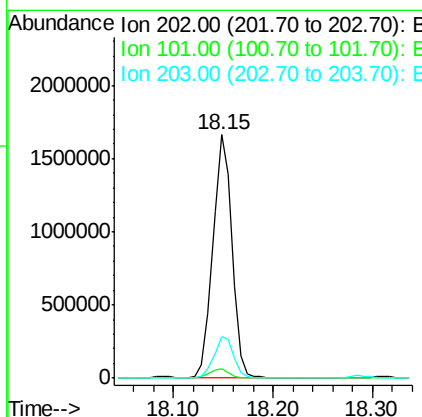
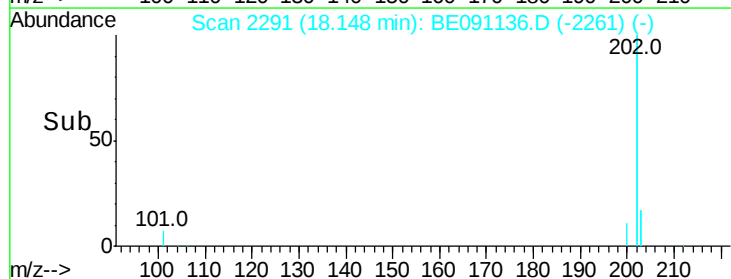
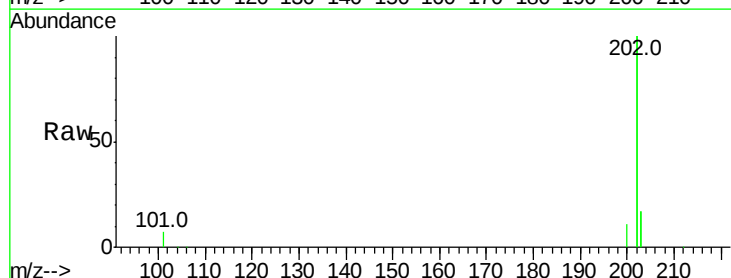
RT: 18.15 min Scan# 2291

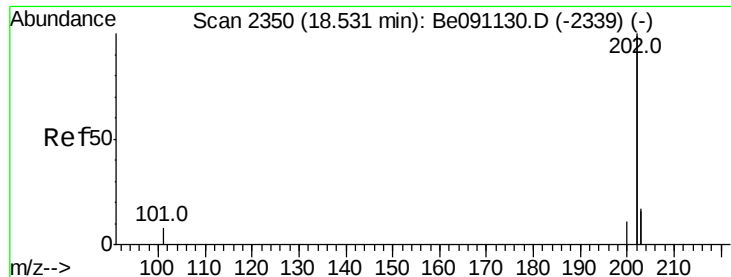
Delta R.T. -0.01 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Tgt Ion:	202	Resp:	2176804
Ion Ratio	Lower	Upper	
202	100		
101	3.7	0.0	33.1
203	17.2	0.0	37.2





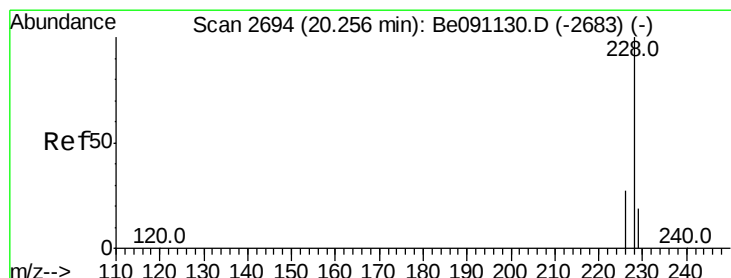
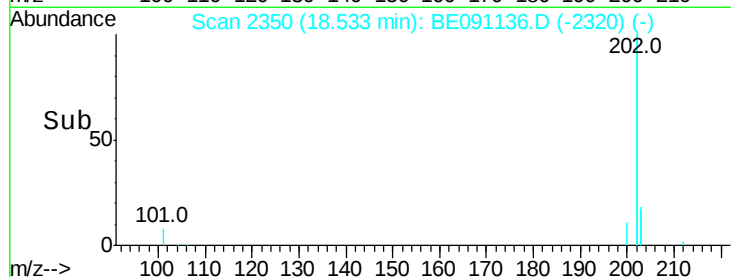
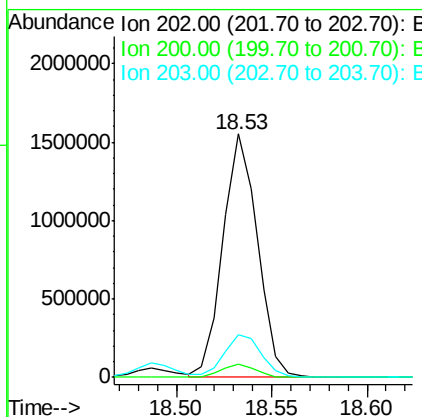
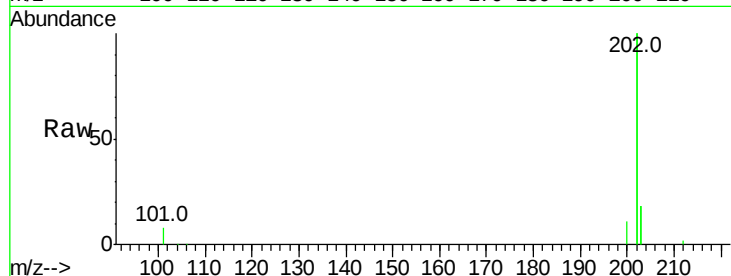
#19
Pvrene
Concen: 4.64 ng/ul
RT: 18.53 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BE091136.D
Acq: 12 Nov 2015 9:39

Instrument :
BNA_E
ClientSampleId :
A4HS0

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	17.6	13.8	20.6

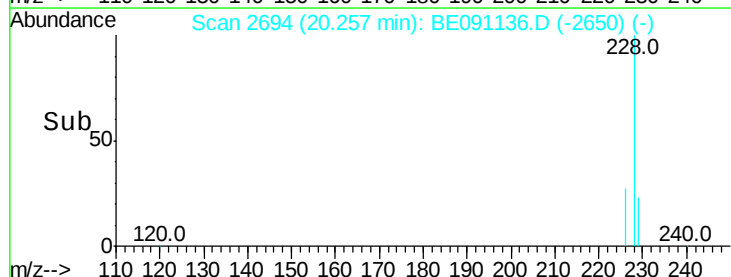
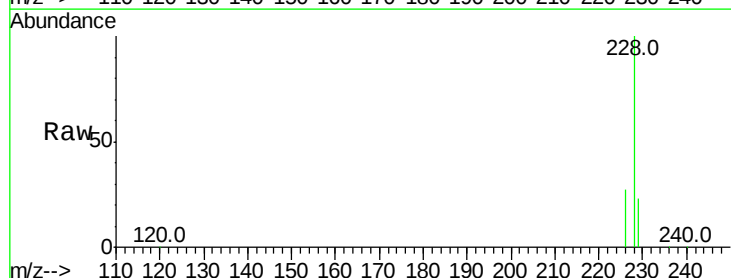
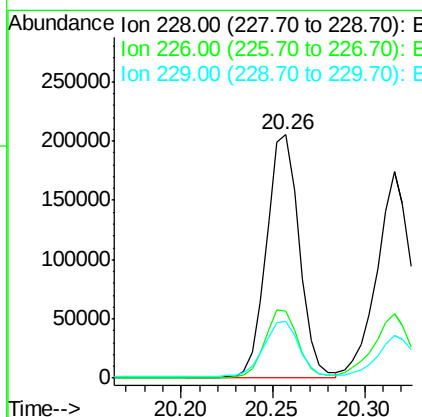
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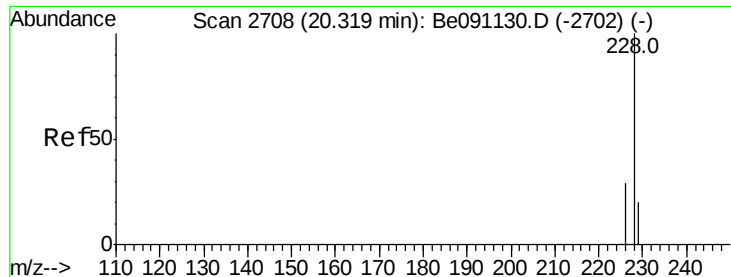
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#20
Benzo(a)anthracene
Concen: 2.71 ng/ul m
RT: 20.26 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE091136.D
Acq: 12 Nov 2015 9:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	23.4	15.2	22.8#





#21

Chrysene

Concen: 2.09 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

ClientSampleId :

A4HS0

Tot Ion:228 Resp: 225838

Ion Ratio Lower Upper

228 100

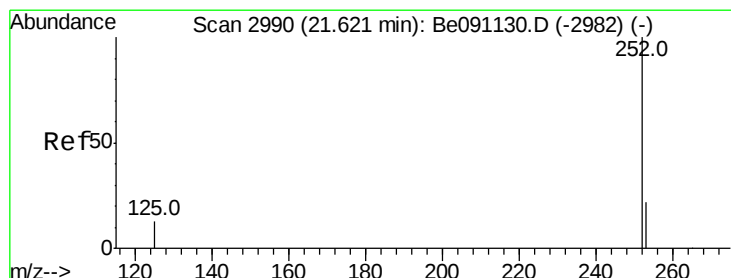
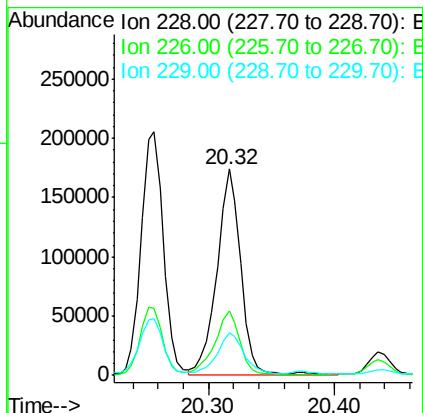
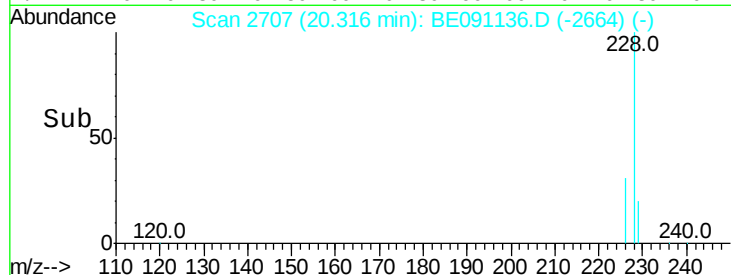
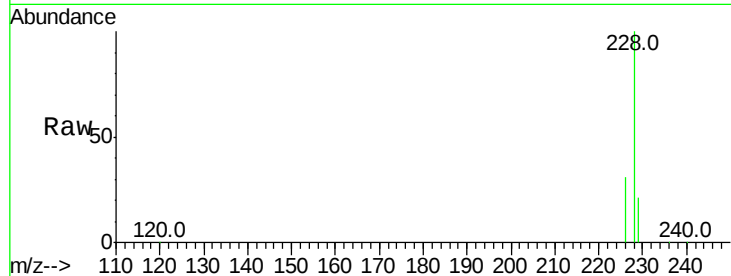
226 31.1 25.7 38.5

229 20.7 15.2 22.8

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#23

Benzo(b)fluoranthene

Concen: 1.34 ng/ul

RT: 21.63 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

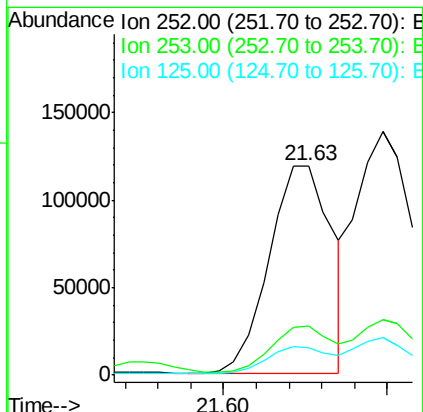
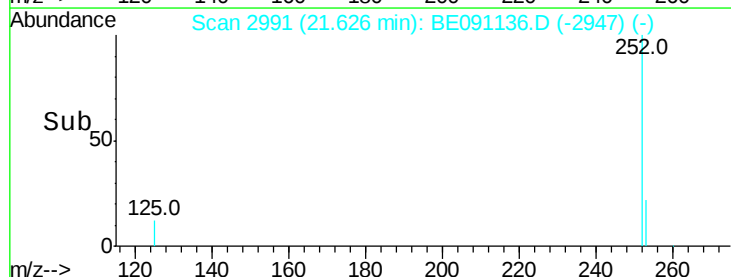
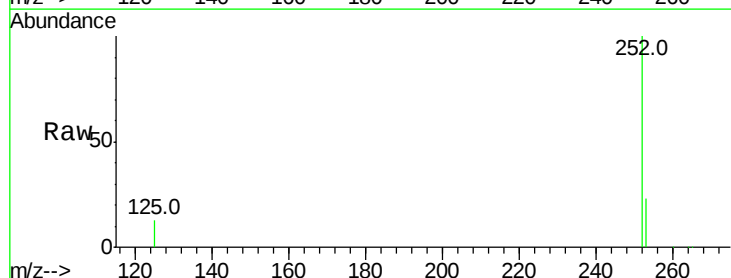
Tgt Ion:252 Resp: 158238

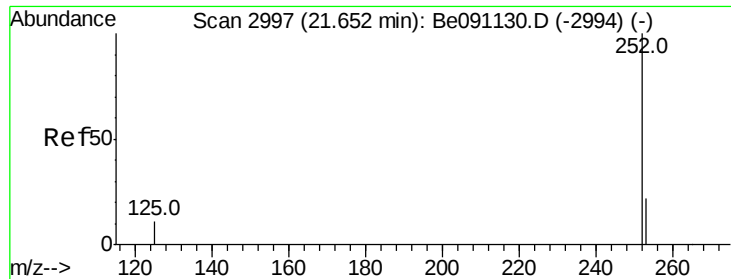
Ion Ratio Lower Upper

252 100

253 23.2 0.0 48.0

125 12.9 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 1.46 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

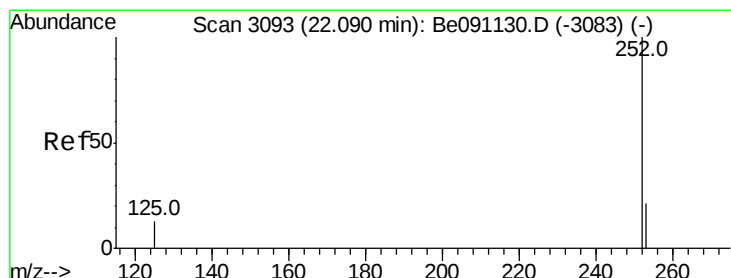
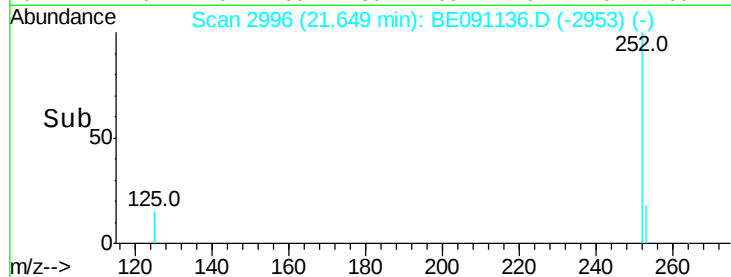
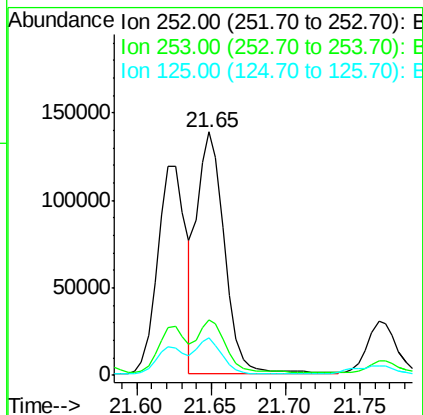
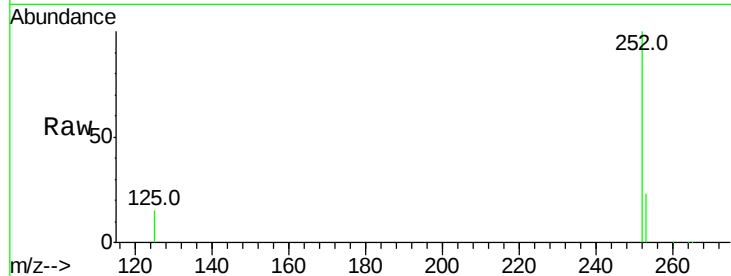
ClientSampleId :

A4HS0

Tot Ion:	252	Resp:	176460
Ion Ratio	Lower	Upper	
252	100		
253	22.9	20.8	31.2
125	15.2	12.2	18.4

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#25

Benzo(a)pyrene

Concen: 1.83 ng/ul m

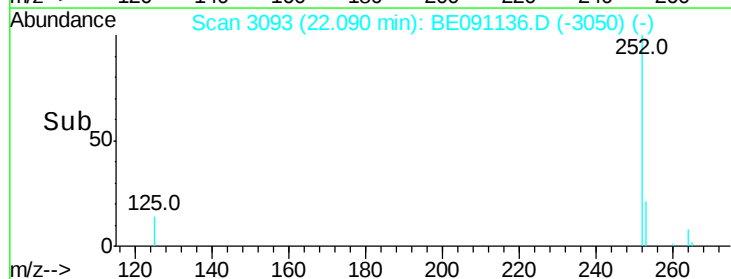
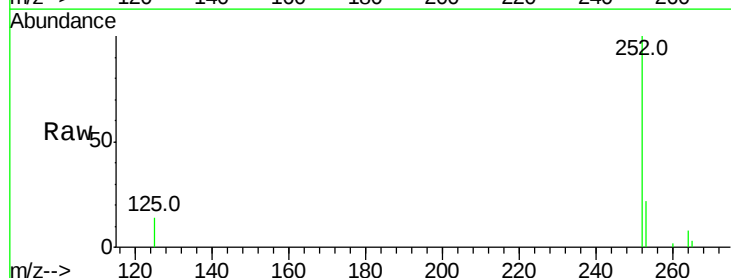
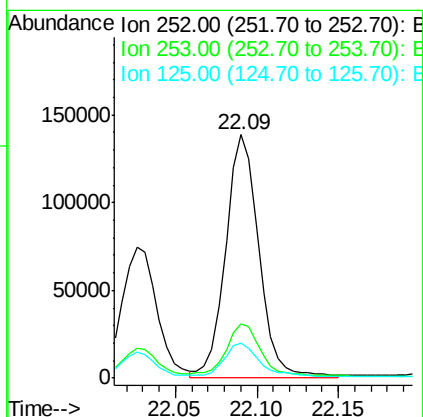
RT: 22.09 min Scan# 3093

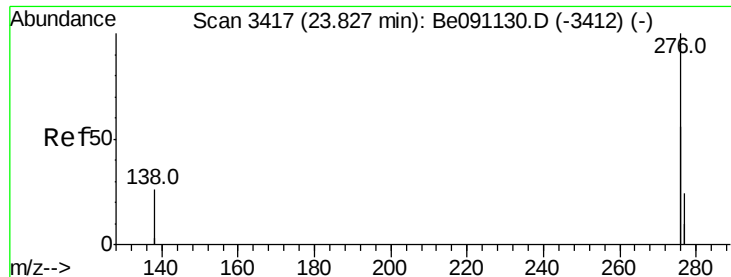
Delta R.T. -0.00 min

Lab File: BE091136.D

Acq: 12 Nov 2015 9:39

Tgt Ion:	252	Resp:	198785
Ion Ratio	Lower	Upper	
252	100		
253	22.4	21.8	32.8
125	14.3	14.5	21.7#





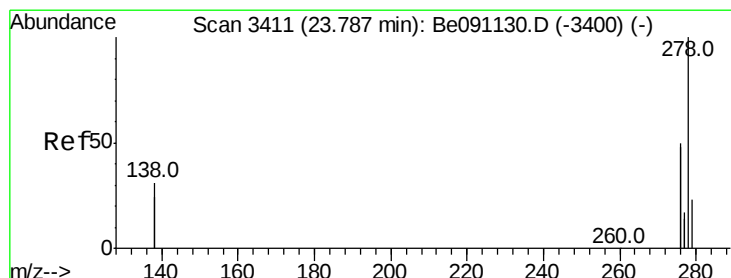
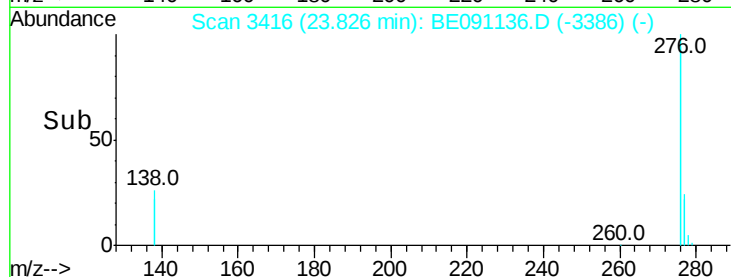
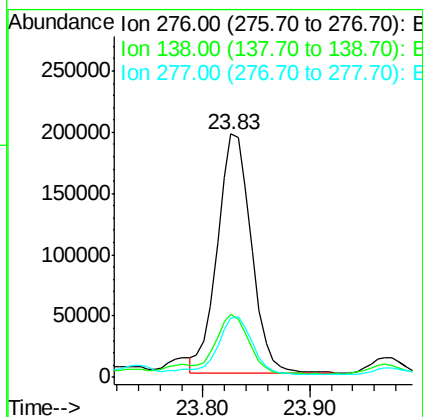
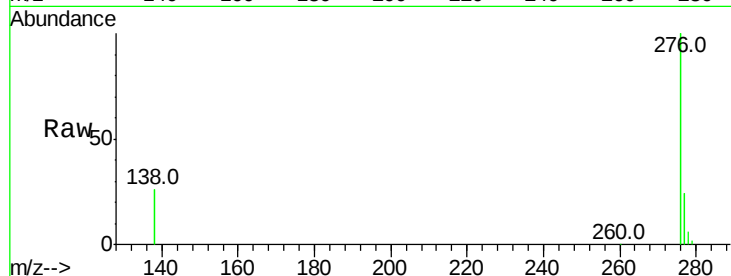
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.94 ng/ul m
 RT: 23.83 min Scan# 3416
 Delta R.T. -0.01 min
 Lab File: BE091136.D
 Acq: 12 Nov 2015 9:39

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	27.5	41.3#
277	25.6	19.3	28.9

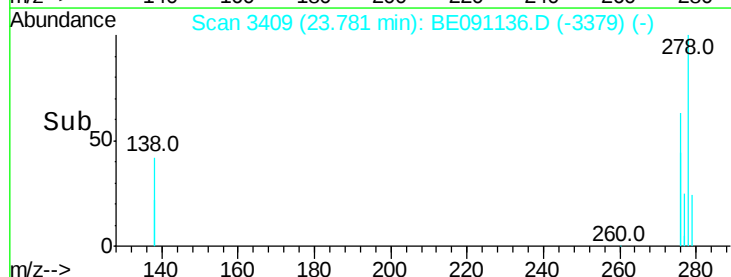
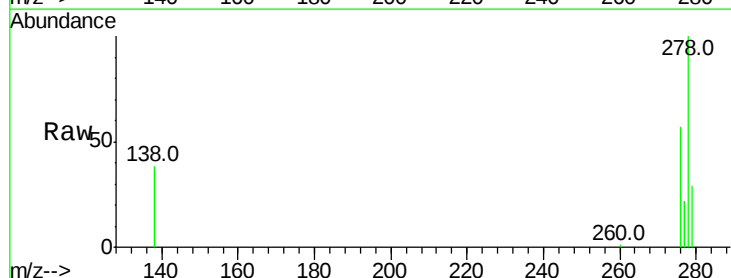
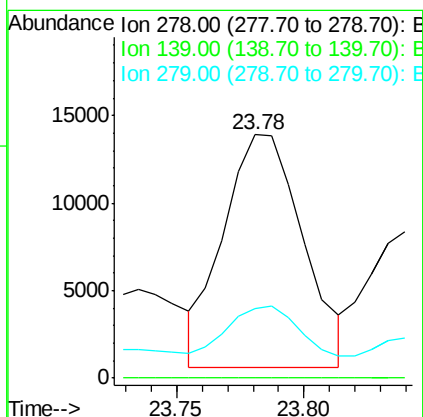
Manual Integrations
 APPROVED

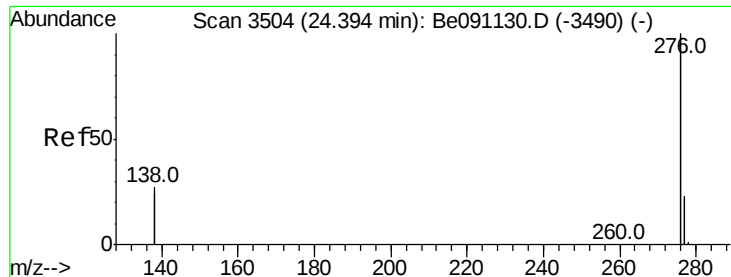
Mmdadoda
 11/16/2015 12:42:24 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.27 ng/ul
 RT: 23.78 min Scan# 3409
 Delta R.T. -0.01 min
 Lab File: BE091136.D
 Acq: 12 Nov 2015 9:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.7	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 0.75 ng/ul

RT: 24.39 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BE091136.D

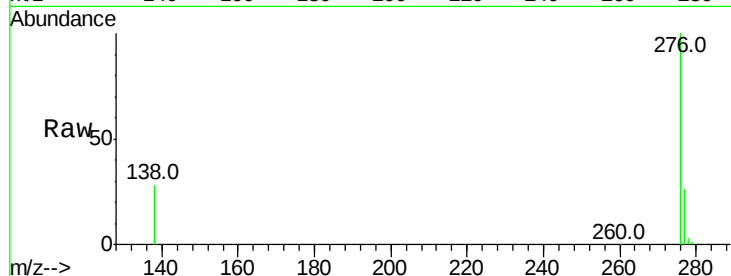
Acq: 12 Nov 2015 9:39

Instrument :

BNA_E

ClientSampleId :

A4HS0



Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	21.3	31.9
138	27.7	25.5	38.3

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:42:24 PM

