

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091088.D
 Acq On : 6 Nov 2015 13:34
 Operator : UM/NP
 Sample : G4273-08DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP4DL

Manual Integrations
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 11/9/2015 6:48:17 PM

Quant Time: Nov 09 13:55:46 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	2999	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16502	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9325	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	23197	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	25538	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	26062	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	3087	1.43	ng/uL	0.02
6) 2-Methylnaphthalene-d10	11.08	152	1099	0.05	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	3339	0.05	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.62	128	12122	0.30	ng/ul	100
7) 2-Methylnaphthalene	11.14	142	23192	0.87	ng/ul	98
9) Acenaphthylene	13.15	152	8323	0.18	ng/ul	97
10) Acenaphthene	13.46	153	82594	2.59	ng/ul	92
11) Fluorene	14.45	166	106628	2.60	ng/ul	93
14) Phenanthrene	16.17	178	1822778	6.80	ng/ul	96
15) Anthracene	16.25	178	1196176	4.91	ng/ul	97
17) Fluoranthene	18.15	202	1475639	4.71	ng/ul	88
19) Pyrene	18.54	202	1046836	3.61	ng/ul#	77
20) Benzo(a)anthracene	20.26	228	113448	1.73	ng/ul	97
21) Chrysene	20.32	228	113640	1.50	ng/ul	96
23) Benzo(b)fluoranthene	21.62	252	64078	0.79	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	72790	0.87	ng/ul	95
25) Benzo(a)pyrene	22.09	252	77664	1.04	ng/ul	91
26) Indeno(1,2,3-cd)pyrene	23.84	276	144987m	0.46	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	11110	0.15	ng/ul#	73
28) Benzo(g,h,i)perylene	24.40	276	115301	0.35	ng/ul	94

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

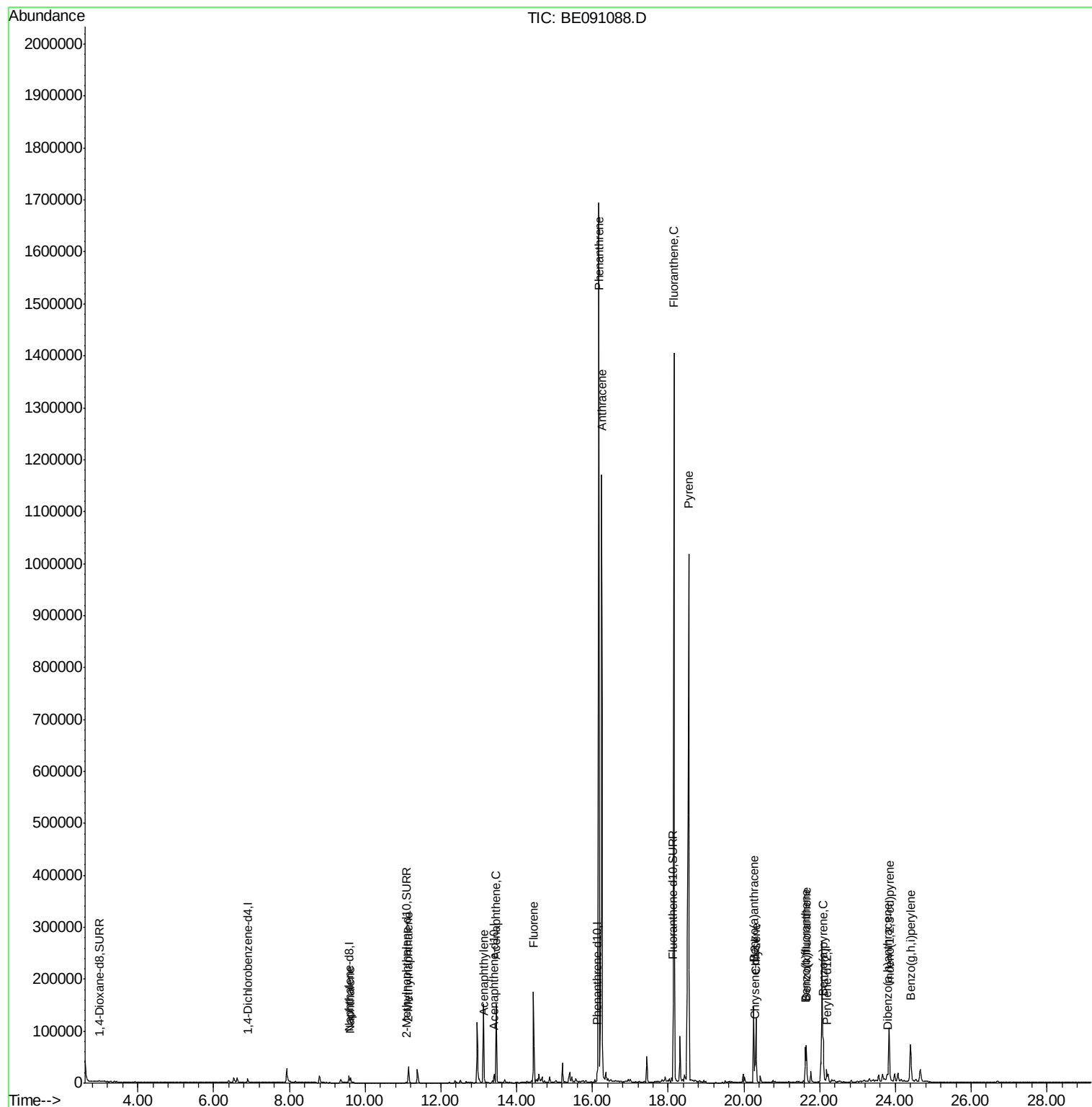
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
Data File : BE091088.D
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Sample : G4273-08DL 5X
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ALS Vial : 24 Sample Multiplier: 1

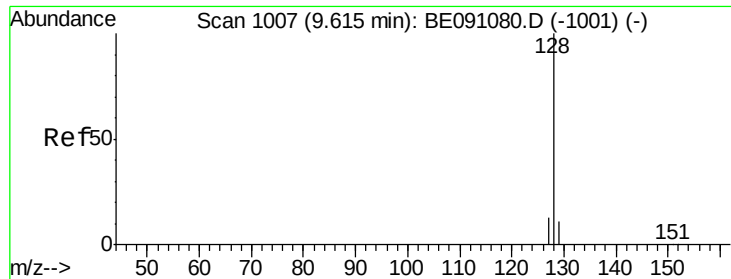
Instrument :
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C0AP4DL

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Quant Time: Nov 09 13:55:46 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
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#5

Naphthalene

Concen: 0.30 ng/ul

RT: 9.62 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091088.D

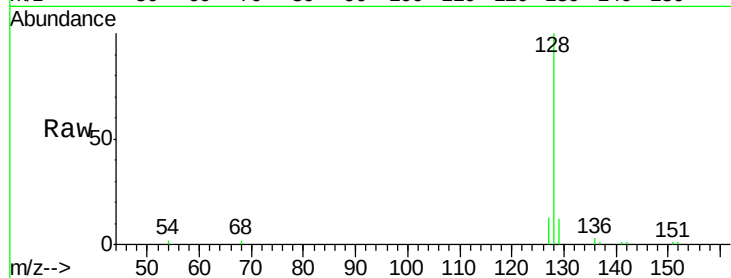
Acq: 6 Nov 2015 13:34

Instrument :

BNA_E

ClientSampleId :

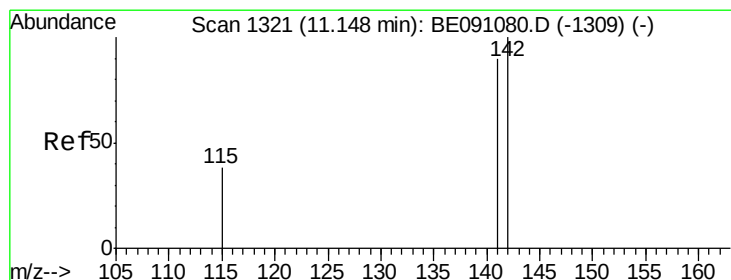
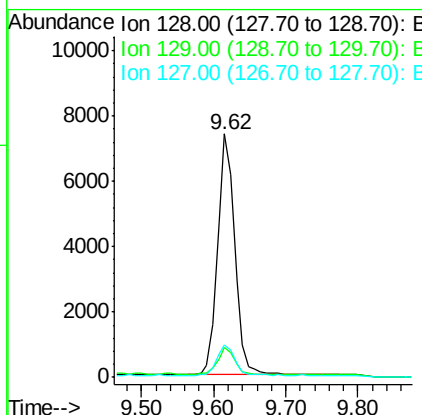
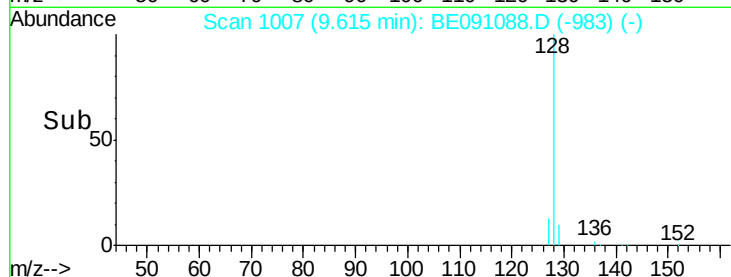
C0AP4DL



Tgt Ion:	128	Resp:	12122
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.8	14.8
127	13.4	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.87 ng/ul

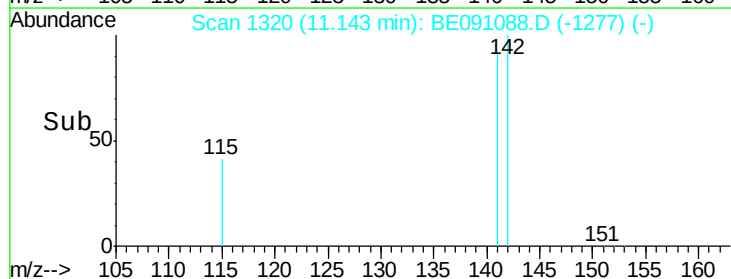
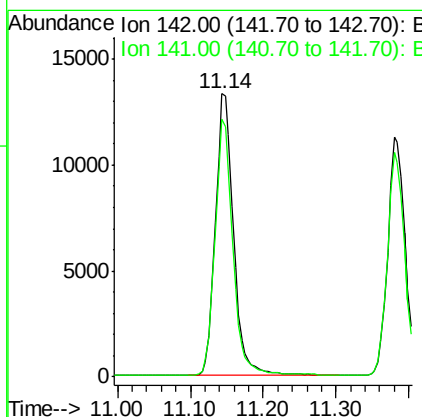
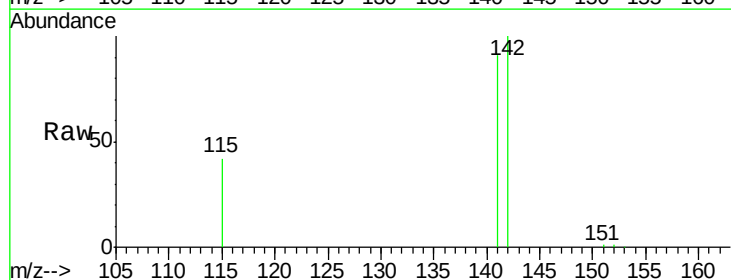
RT: 11.14 min Scan# 1320

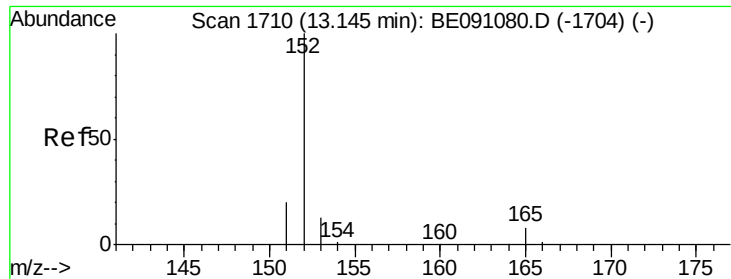
Delta R.T. -0.00 min

Lab File: BE091088.D

Acq: 6 Nov 2015 13:34

Tgt Ion:	142	Resp:	23192
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.3	105.5





#9

Acenaphthylene

Concen: 0.18 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091088.D

Acq: 6 Nov 2015 13:34

Instrument :

BNA_E

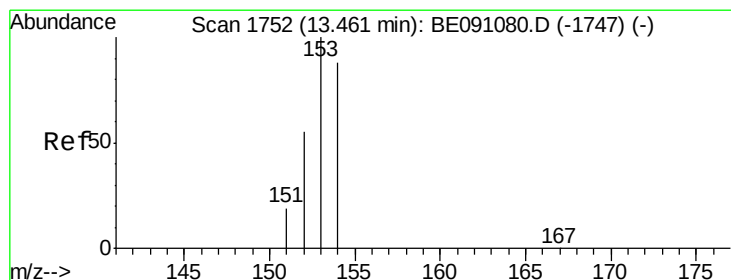
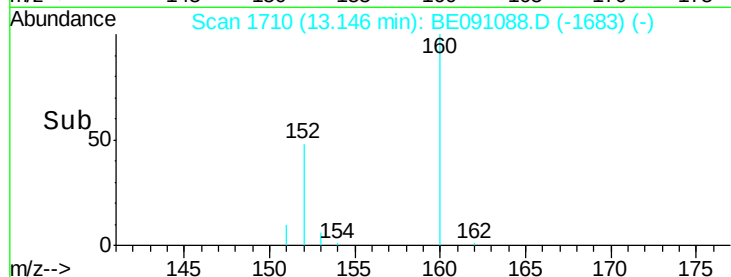
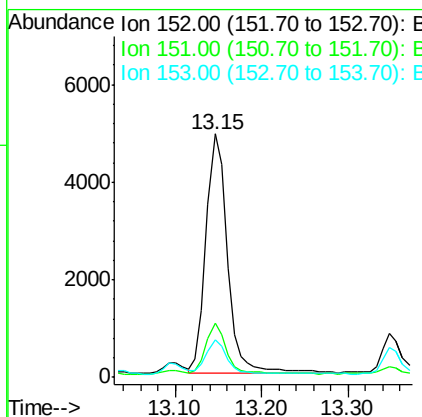
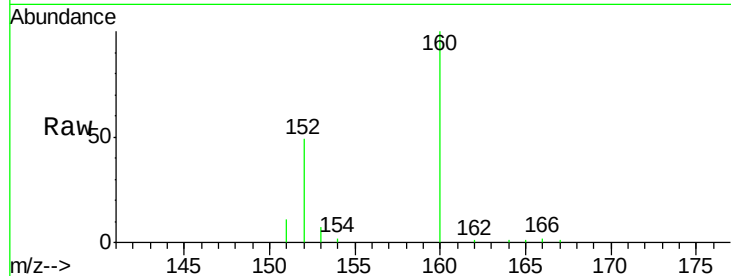
ClientSampleId :

C0AP4DL

Tgt Ion:	152	Resp:	8323
Ion Ratio	Lower	Upper	
152	100		
151	22.3	16.8	25.2
153	15.2	11.3	16.9

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#10

Acenaphthene

Concen: 2.59 ng/ul

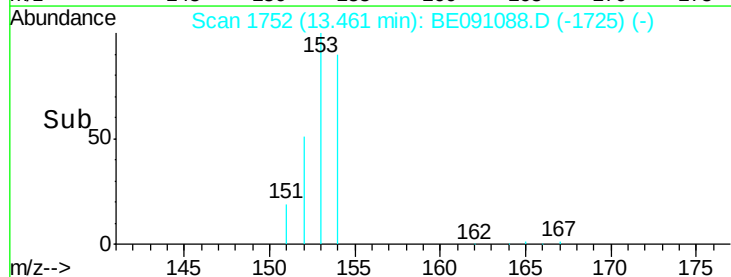
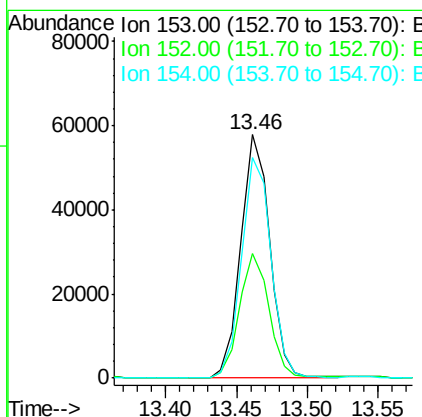
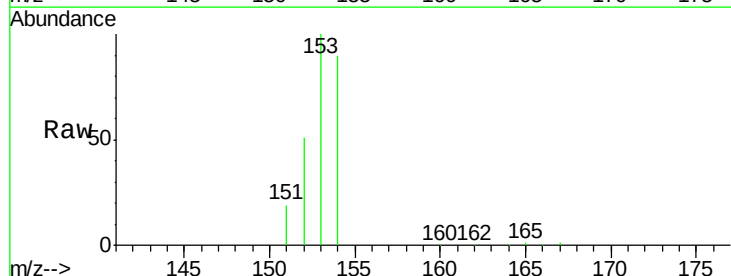
RT: 13.46 min Scan# 1752

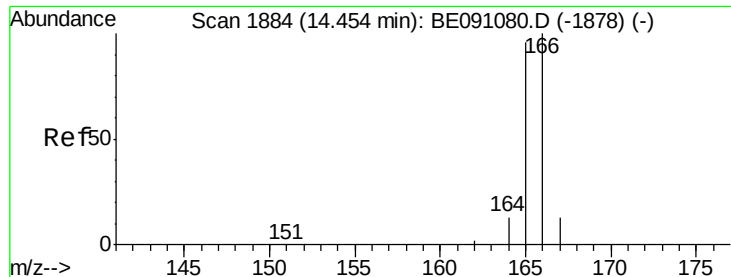
Delta R.T. 0.00 min

Lab File: BE091088.D

Acq: 6 Nov 2015 13:34

Tgt Ion:	153	Resp:	82594
Ion Ratio	Lower	Upper	
153	100		
152	51.1	42.3	63.5
154	90.4	64.7	97.1





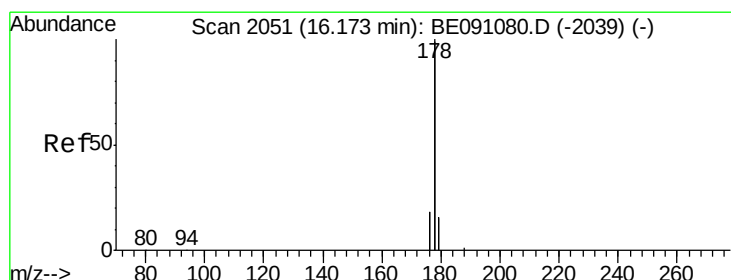
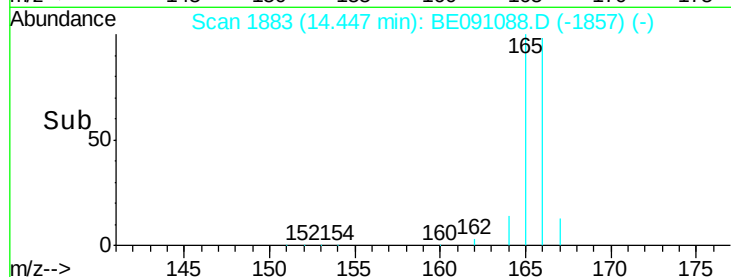
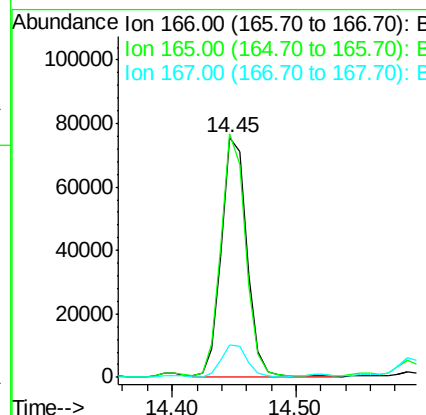
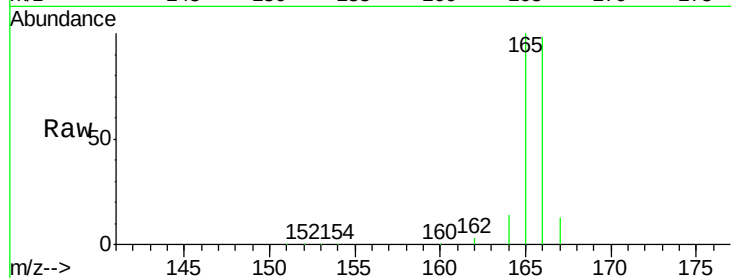
#11
Fluorene
 Concen: 2.60 ng/ul
 RT: 14.45 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	87.6	131.4
167	13.4	11.1	16.7

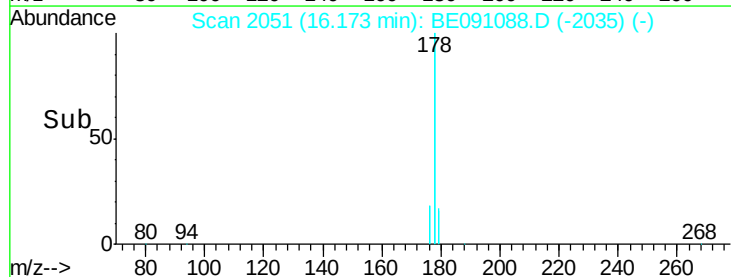
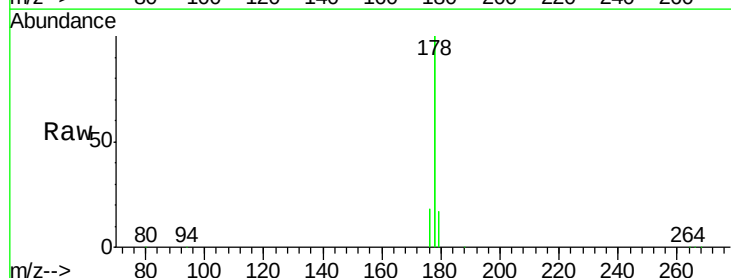
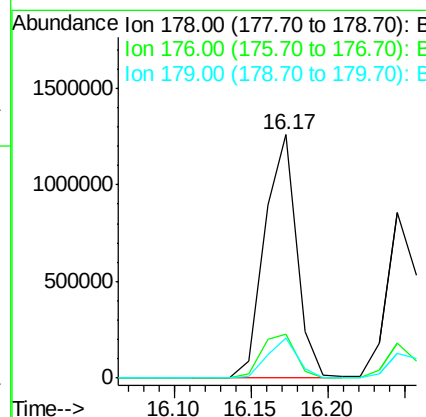
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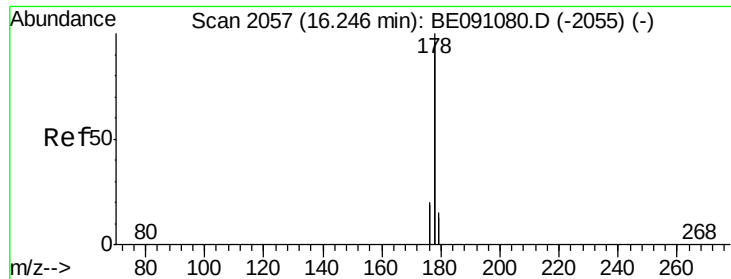
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#14
Phenanthrene
 Concen: 6.80 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	16.6	12.8	19.2





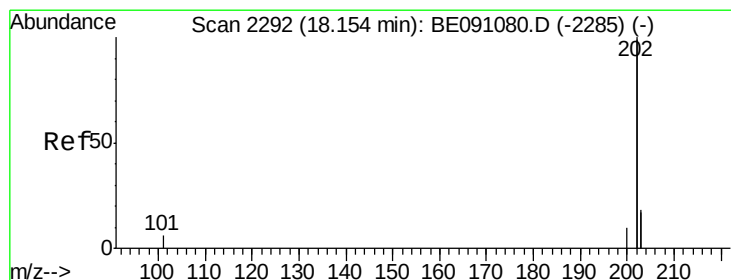
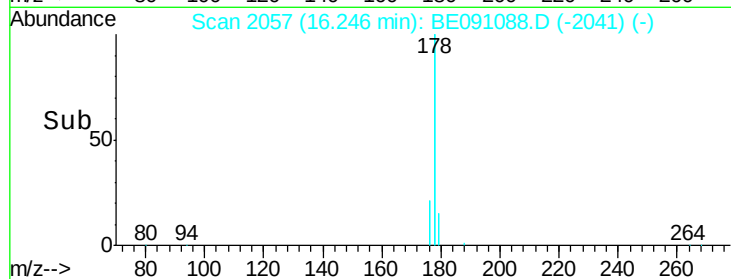
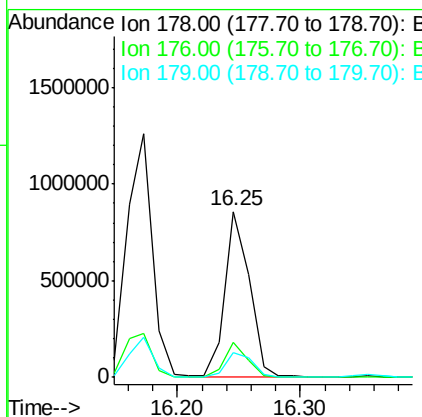
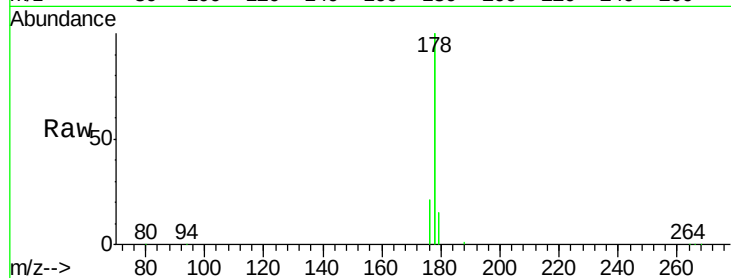
#15
 Anthracene
 Concen: 4.91 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 1196176
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 15.2 13.3 19.9

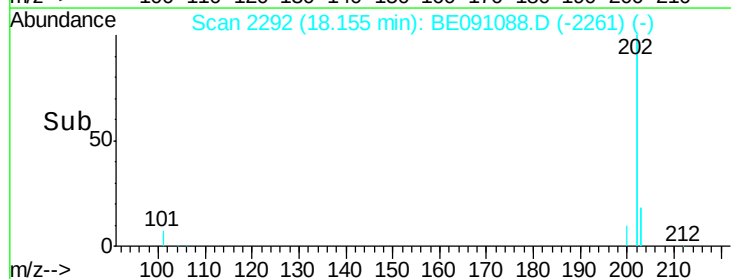
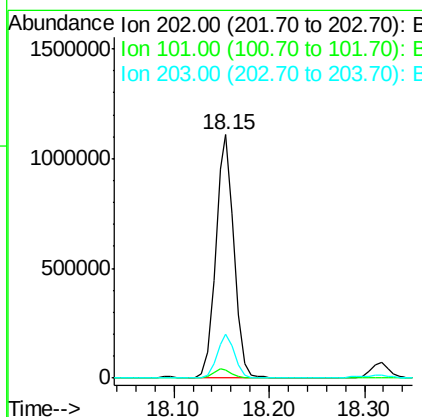
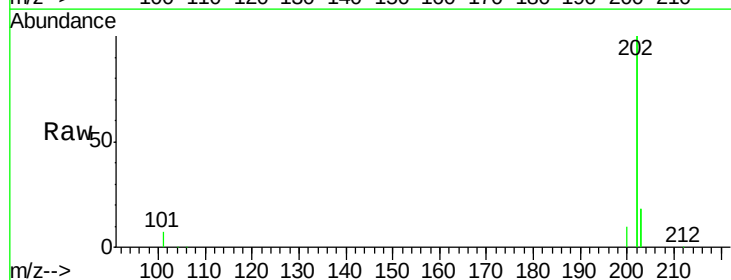
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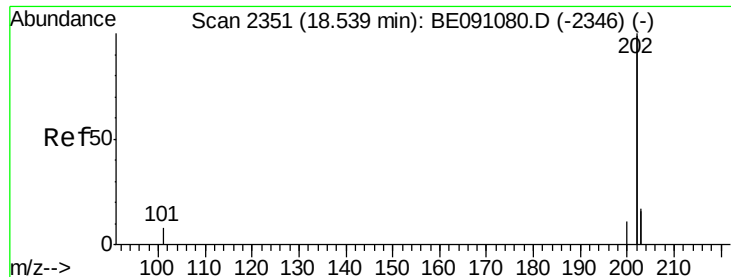
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#17
 Fluoranthene
 Concen: 4.71 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Tgt Ion:202 Resp: 1475639
 Ion Ratio Lower Upper
 202 100
 101 3.3 0.0 33.1
 203 18.3 0.0 37.2





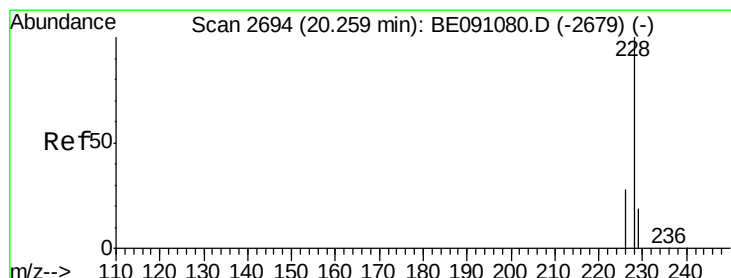
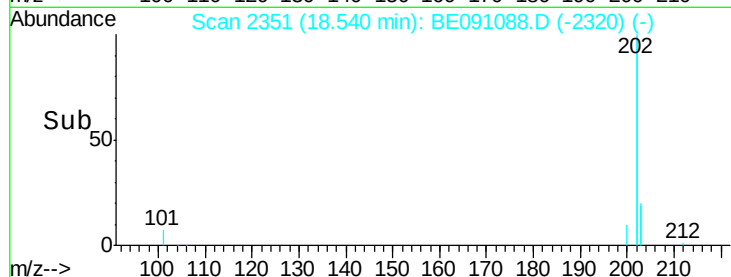
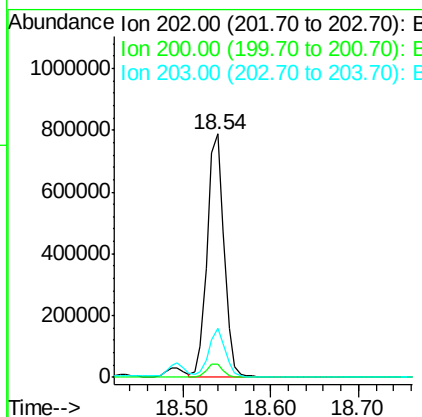
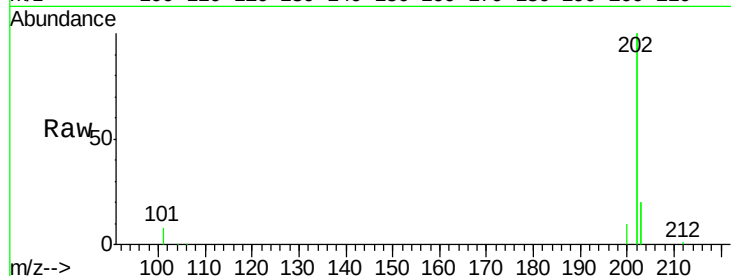
#19
 Pyrene
 Concen: 3.61 ng/ul
 RT: 18.54 min Scan# 2351
 Delta R.T. 0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion: 202 Resp: 1046836
 Ion Ratio Lower Upper
 202 100
 200 5.2 18.0 27.0#
 203 20.0 13.8 20.6

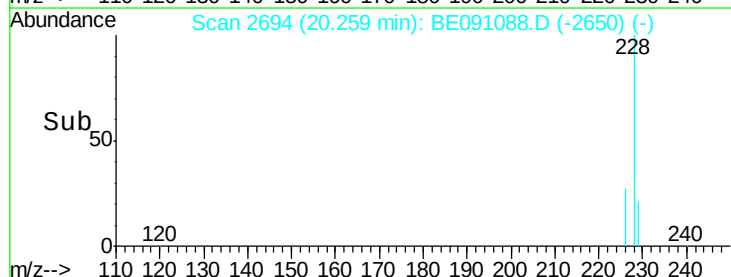
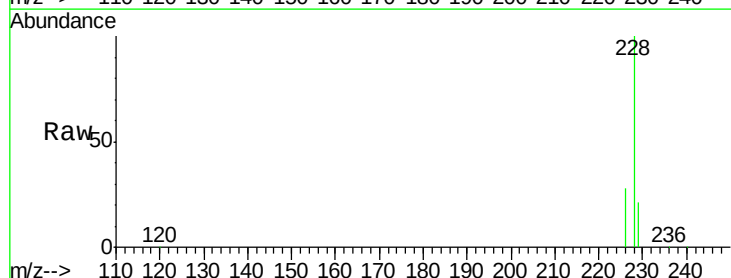
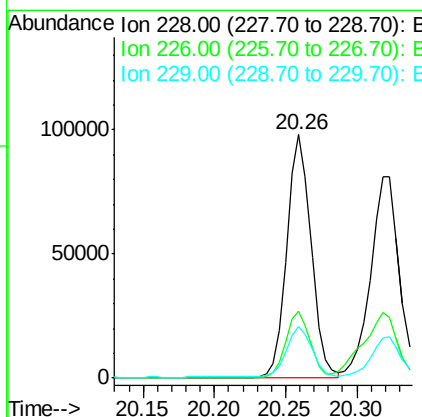
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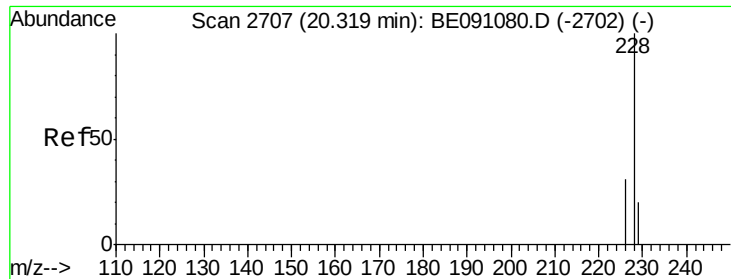
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#20
 Benzo(a)anthracene
 Concen: 1.73 ng/ul
 RT: 20.26 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Tgt Ion: 228 Resp: 113448
 Ion Ratio Lower Upper
 228 100
 226 27.6 23.0 34.4
 229 21.2 15.2 22.8





#21

Chrysene

Concen: 1.50 ng/ul

RT: 20.32 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BE091088.D

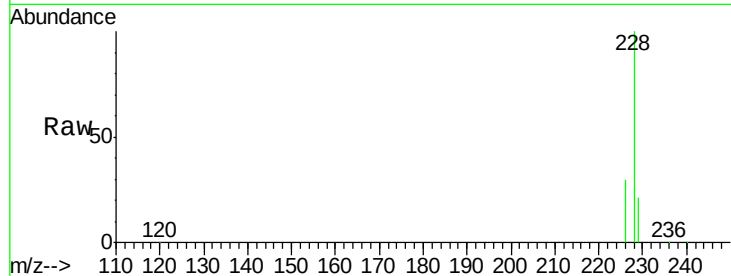
Acq: 6 Nov 2015 13:34

Instrument :

BNA_E

ClientSampleId :

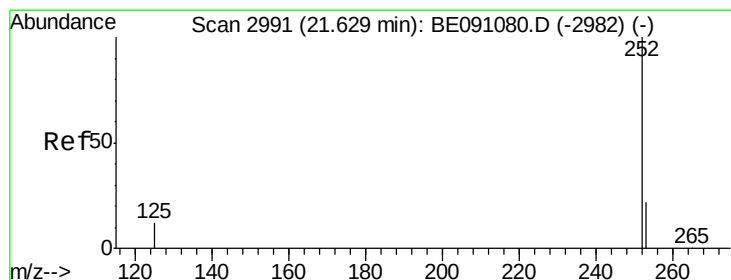
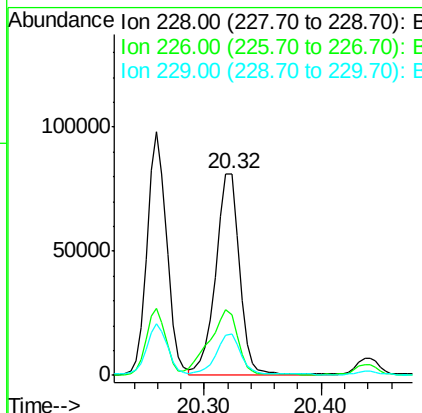
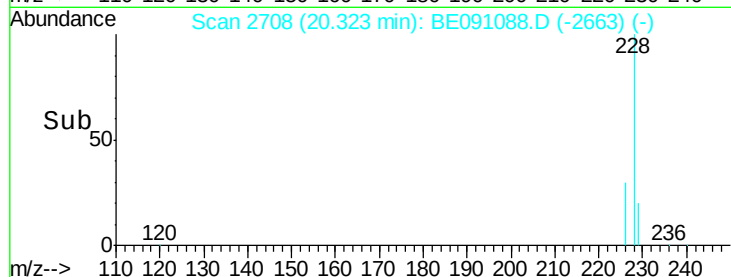
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	20.6	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.79 ng/ul

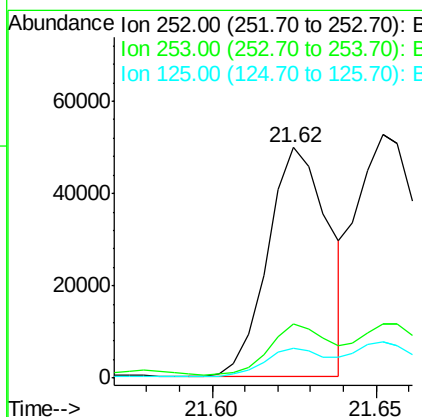
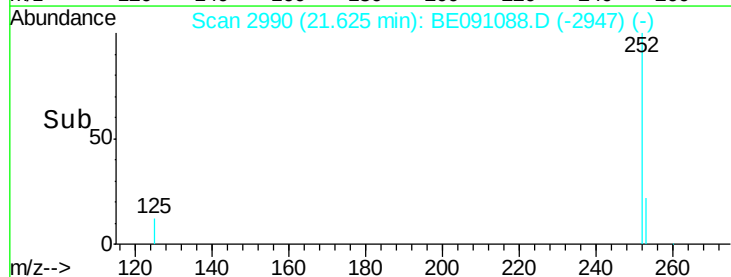
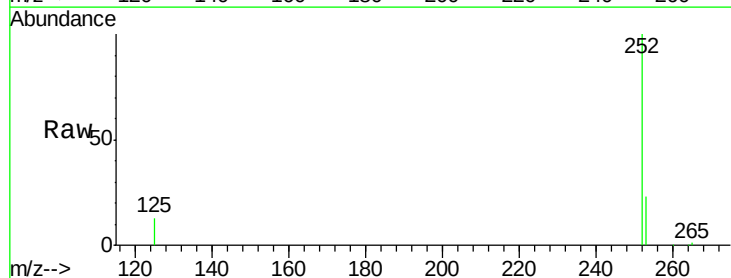
RT: 21.62 min Scan# 2990

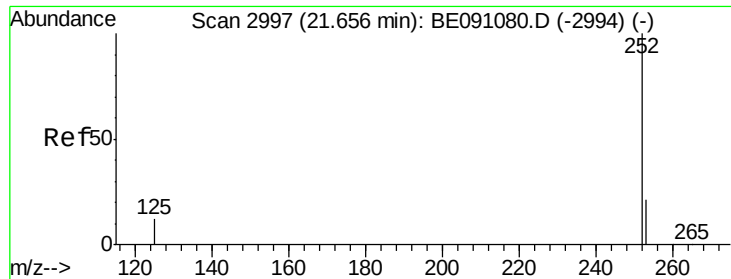
Delta R.T. -0.00 min

Lab File: BE091088.D

Acq: 6 Nov 2015 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	48.0
125	13.1	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.87 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091088.D

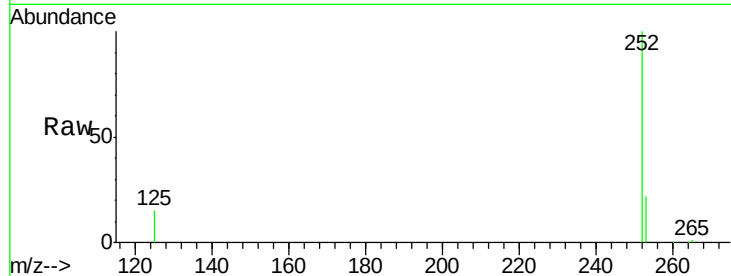
Acq: 6 Nov 2015 13:34

Instrument :

BNA_E

ClientSampleId :

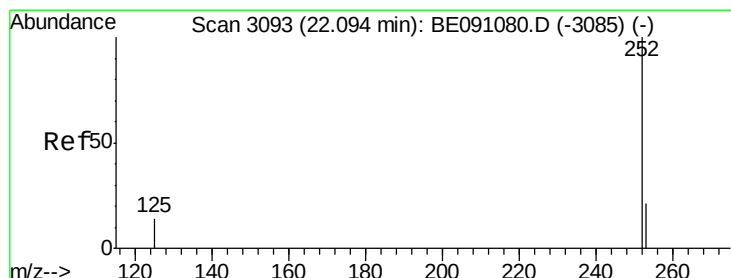
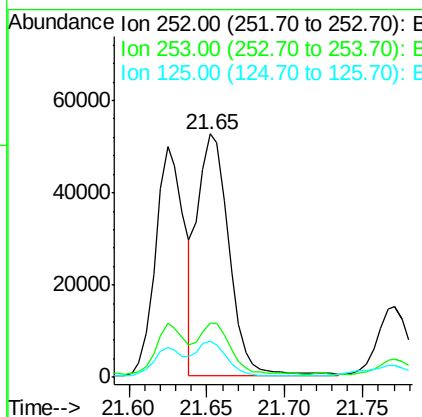
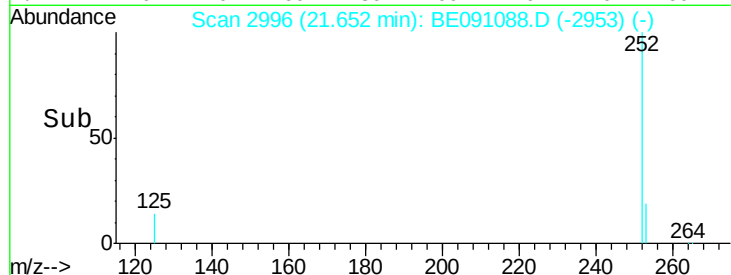
C0AP4DL



Tgt Ion:	252	Resp:	72790
Ion Ratio	Lower	Upper	
252	100		
253	22.3	20.8	31.2
125	14.9	12.2	18.4

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#25

Benzo(a)pyrene

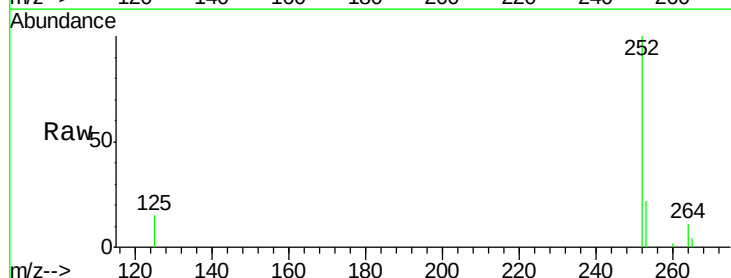
Concen: 1.04 ng/ul

RT: 22.09 min Scan# 3093

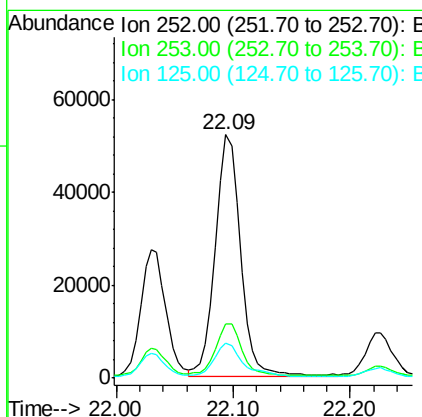
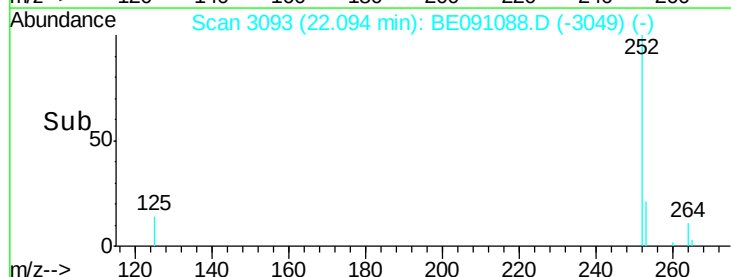
Delta R.T. 0.00 min

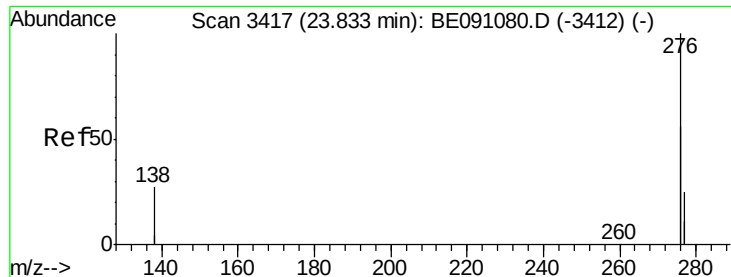
Lab File: BE091088.D

Acq: 6 Nov 2015 13:34



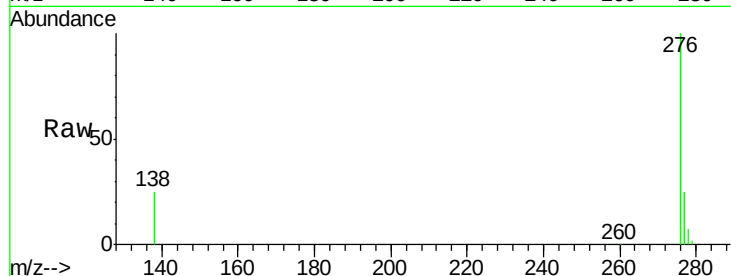
Tgt Ion:	252	Resp:	77664
Ion Ratio	Lower	Upper	
252	100		
253	22.3	21.8	32.8
125	14.6	14.5	21.7





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.46 ng/ul m
 RT: 23.84 min Scan# 3418
 Delta R.T. 0.01 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

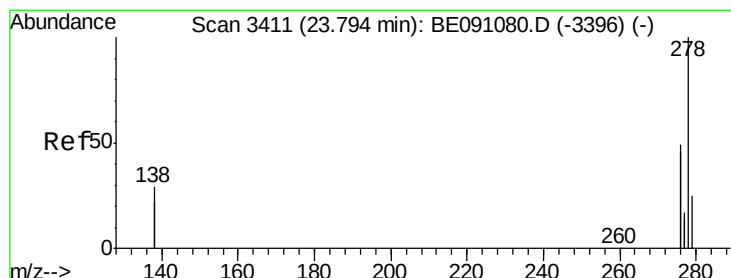
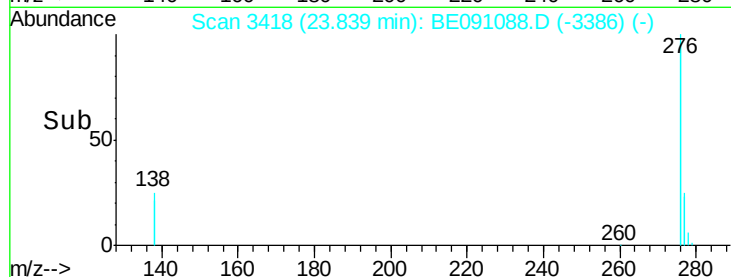
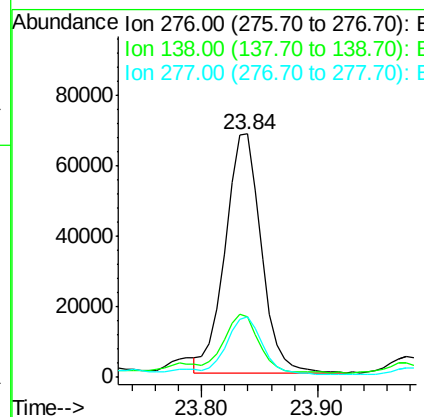
Instrument :
 BNA_E
 ClientSampleId :
 C0AP4DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	27.5	41.3#
277	26.0	19.3	28.9

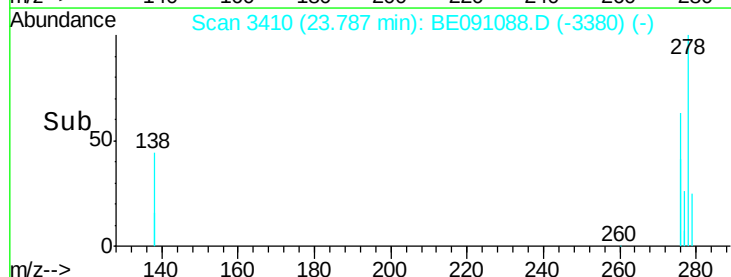
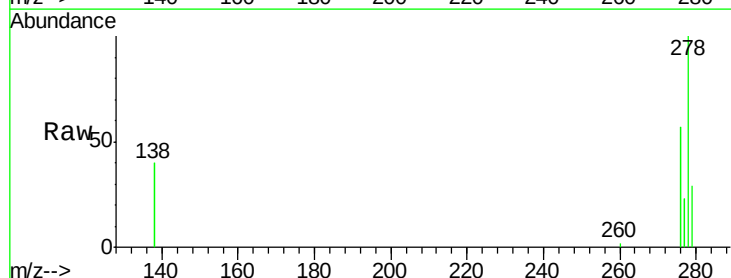
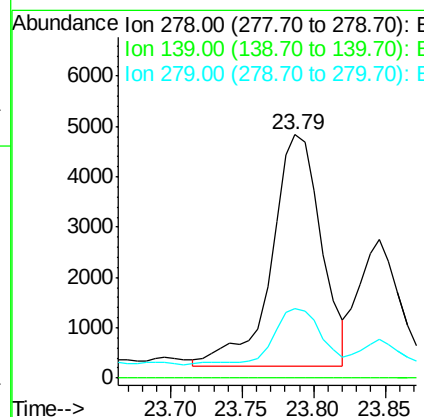
Manual Integrations
 APPROVED

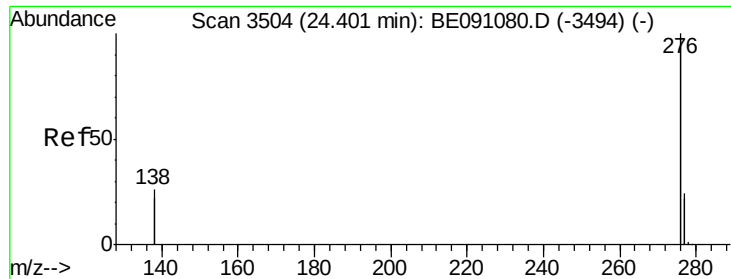
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.15 ng/ul
 RT: 23.79 min Scan# 3410
 Delta R.T. -0.01 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

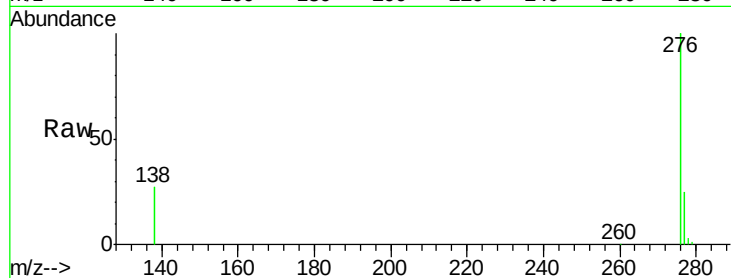
Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.8	21.9	32.9





#28
 Benzo(g,h,i)perylene
 Concen: 0.35 ng/ul
 RT: 24.40 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: BE091088.D
 Acq: 6 Nov 2015 13:34

Instrument :
 BNA_E
 ClientSampleId :
 C0AP4DL



Tgt	Ion	276	Resp	115301
	Ratio		Lower	Upper
276	100			
277	25.0	21.3	31.9	
138	26.8	25.5	38.3	

Manual Integrations
 APPROVED

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