

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091081.D
 Acq On : 6 Nov 2015 9:03
 Operator : UM/NP
 Sample : G4273-01DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN6DL

Manual Integrations
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 11/9/2015 6:47:52 PM

Quant Time: Nov 09 13:45:47 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	3024	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16400	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.40	164	9607	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	23728	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	30022	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	33585	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	4316	1.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	11.08	152	1638	0.07	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	5142	0.08	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	9094	0.22	ng/ul	98
7) 2-Methylnaphthalene	11.14	142	8594	0.33	ng/ul	99
9) Acenaphthylene	13.15	152	8422	0.18	ng/ul	99
10) Acenaphthene	13.46	153	100439	3.06	ng/ul	93
11) Fluorene	14.45	166	103004	2.44	ng/ul	94
14) Phenanthrene	16.17	178	1509791	5.51	ng/ul	96
15) Anthracene	16.25	178	589993	2.37	ng/ul	99
17) Fluoranthene	18.15	202	1667107	5.20	ng/ul	90
19) Pyrene	18.54	202	1178596	3.46	ng/ul#	79
20) Benzo(a)anthracene	20.26	228	123349	1.60	ng/ul	96
21) Chrysene	20.32	228	109534	1.23	ng/ul	98
23) Benzo(b)fluoranthene	21.63	252	68406	0.65	ng/ul	94
24) Benzo(k)fluoranthene	21.65	252	77940	0.72	ng/ul	95
25) Benzo(a)pyrene	22.10	252	81354m	0.84	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.83	276	157149m	0.39	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	15367	0.16	ng/ul#	74
28) Benzo(g,h,i)perylene	24.40	276	143886	0.34	ng/ul	94

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

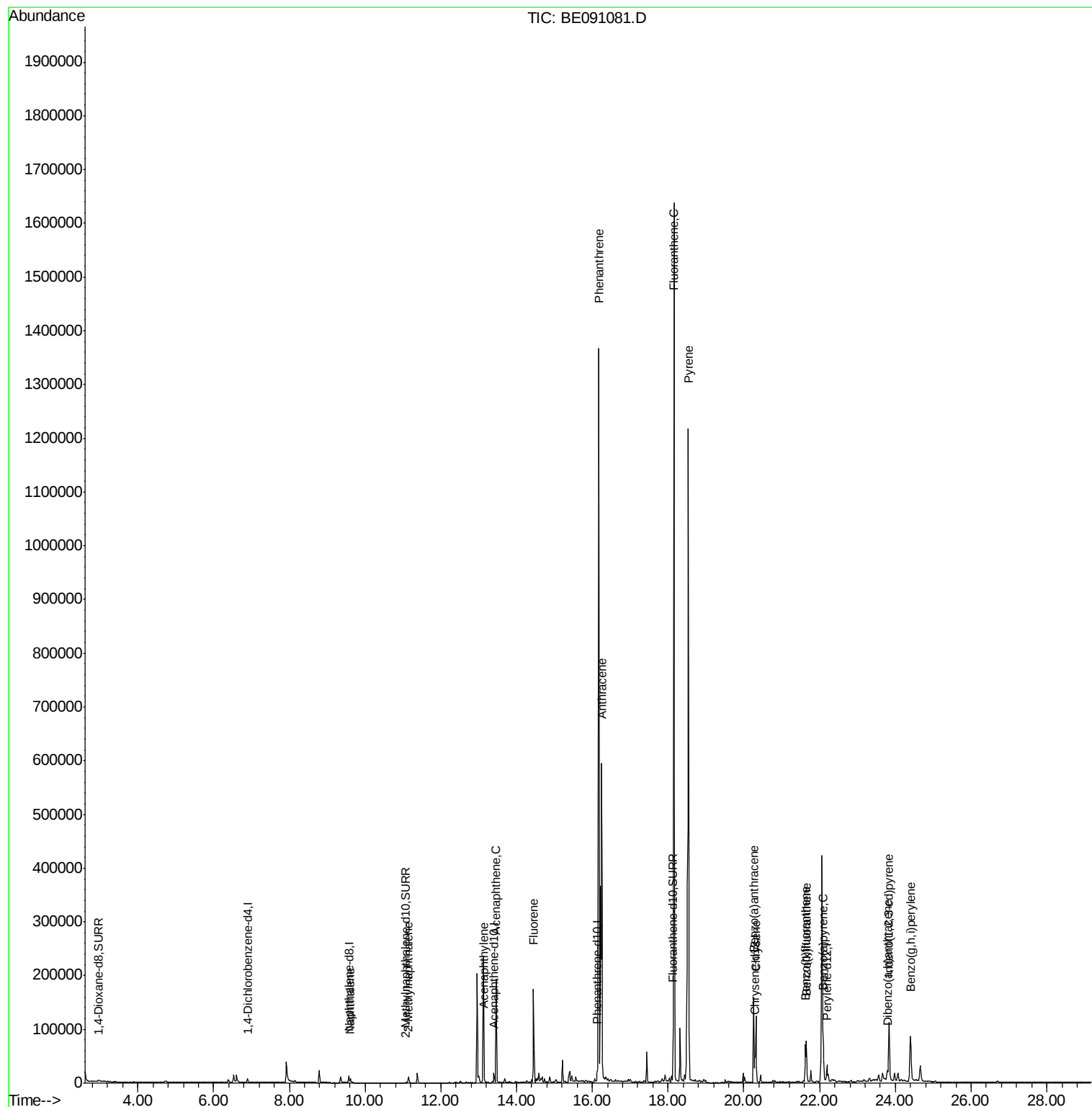
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
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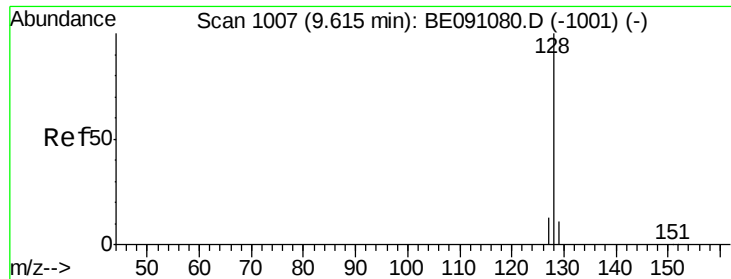
Instrument :
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#5

Naphthalene

Concen: 0.22 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091081.D

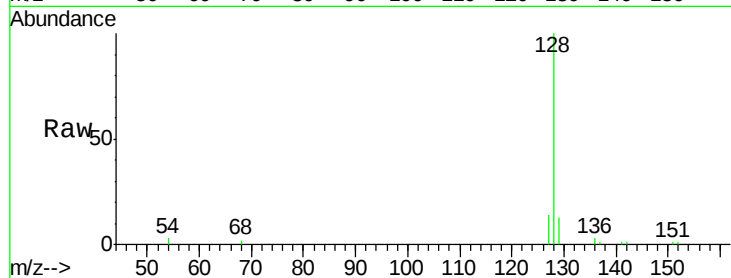
Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

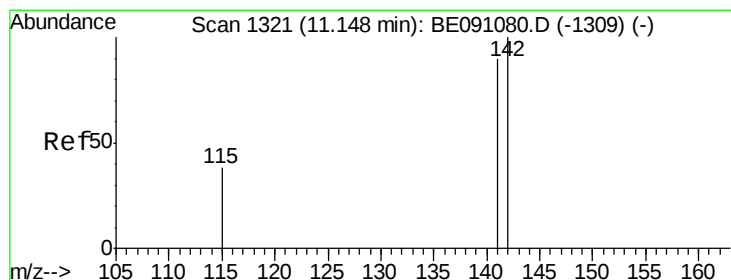
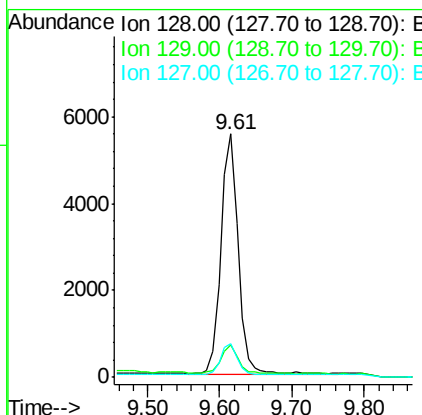
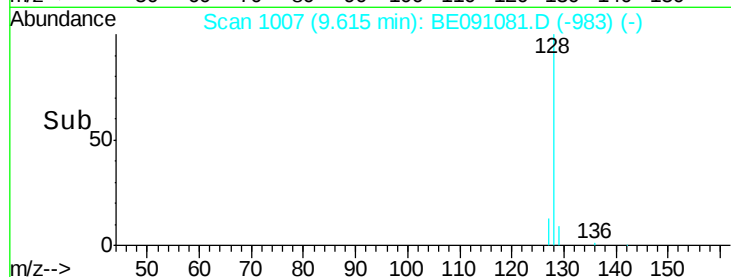
C0AN6DL



Tgt Ion:	128	Resp:	9094
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.8	14.8
127	14.1	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.33 ng/ul

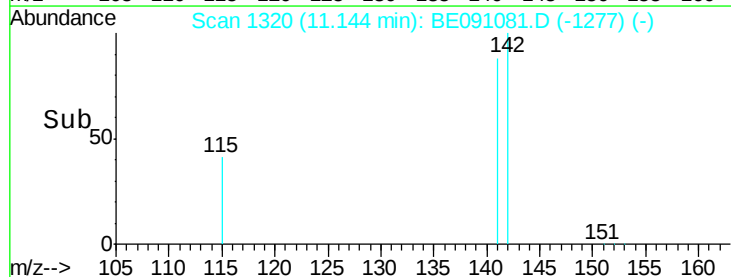
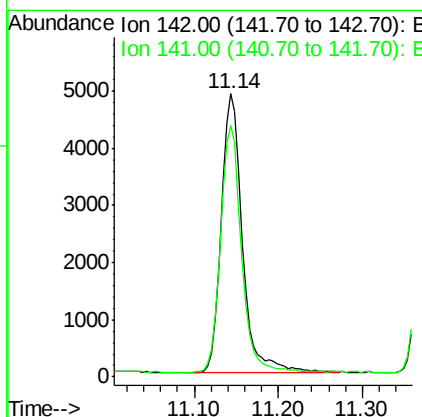
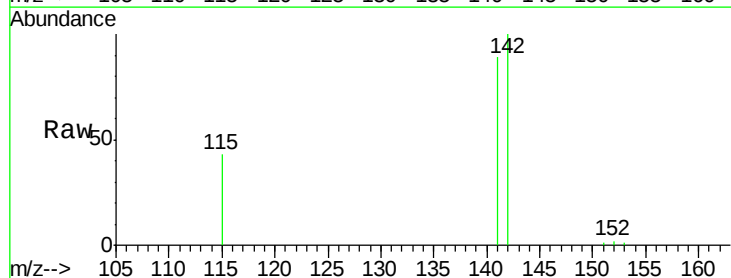
RT: 11.14 min Scan# 1320

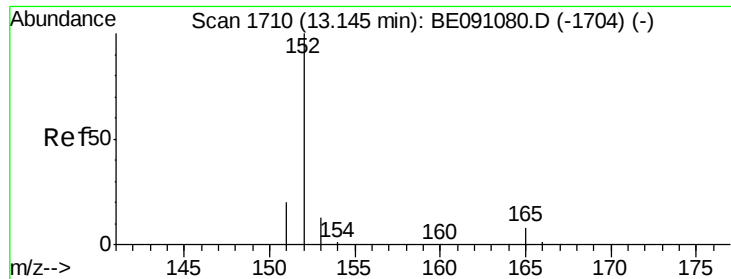
Delta R.T. -0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion:	142	Resp:	8594
Ion Ratio	Lower	Upper	
142	100		
141	86.9	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: BE091081.D

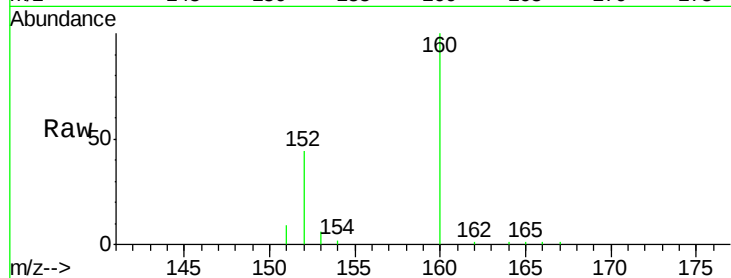
Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

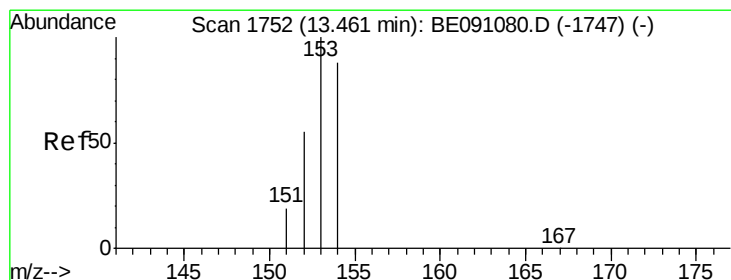
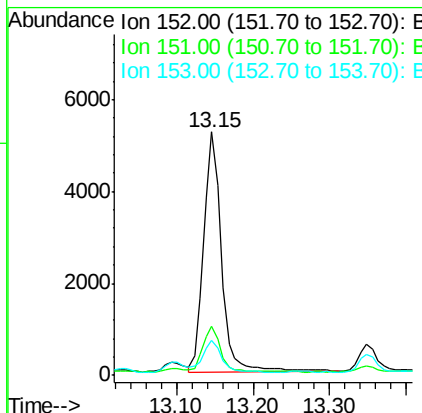
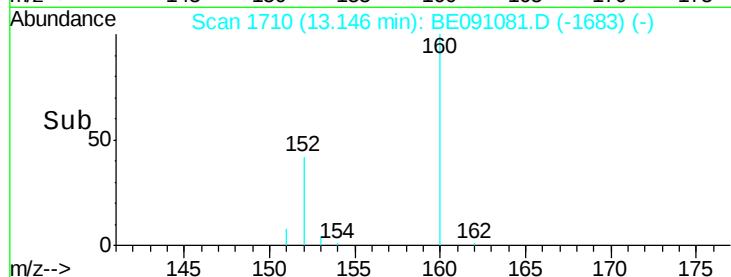
COAN6DL



Tgt Ion:	152	Resp:	8422
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.8	25.2
153	14.5	11.3	16.9

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#10

Acenaphthene

Concen: 3.06 ng/ul

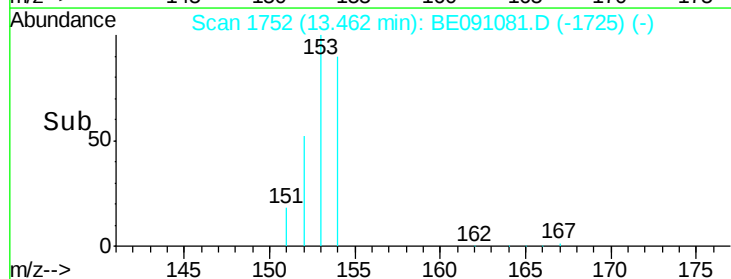
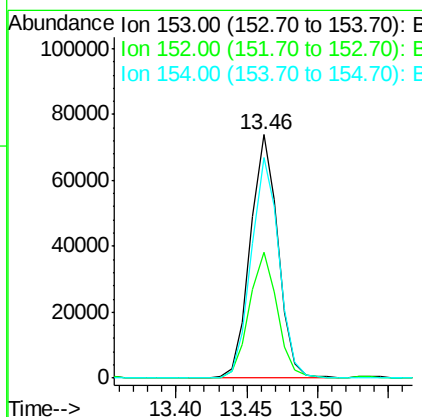
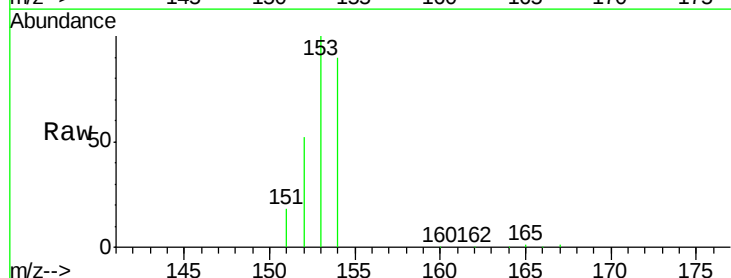
RT: 13.46 min Scan# 1752

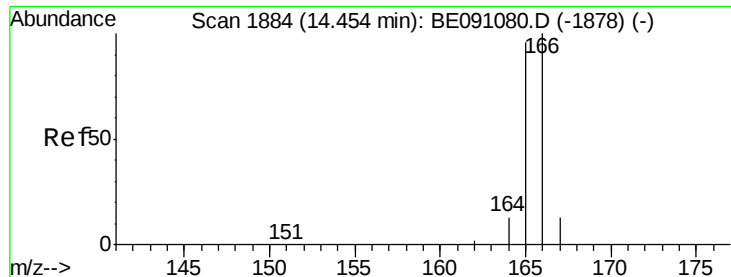
Delta R.T. 0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion:	153	Resp:	100439
Ion Ratio	Lower	Upper	
153	100		
152	51.8	42.3	63.5
154	90.4	64.7	97.1





#11

Fluorene

Concen: 2.44 ng/ul

RT: 14.45 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BE091081.D

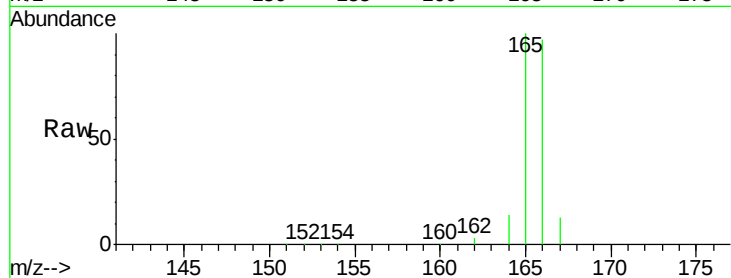
Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

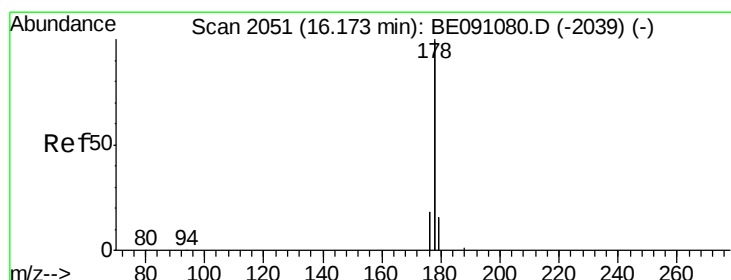
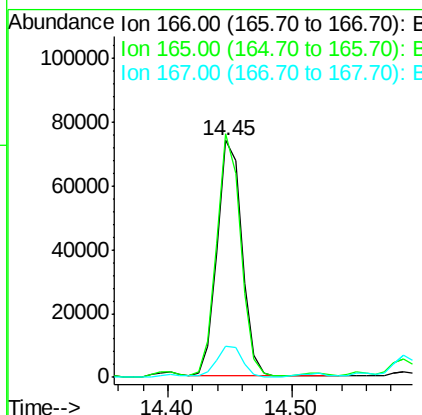
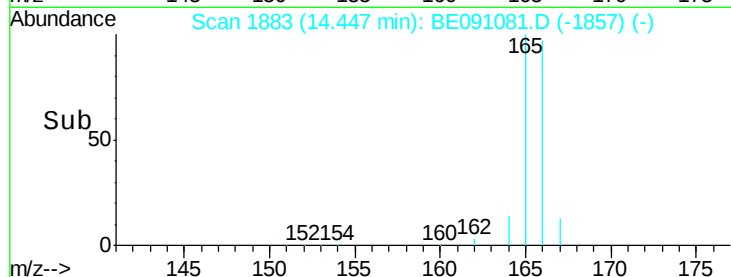
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Tgt Ion:	166	Resp:	103004
Ion Ratio	Lower	Upper	
166	100		
165	102.9	87.6	131.4
167	13.2	11.1	16.7

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#14

Phenanthrene

Concen: 5.51 ng/ul

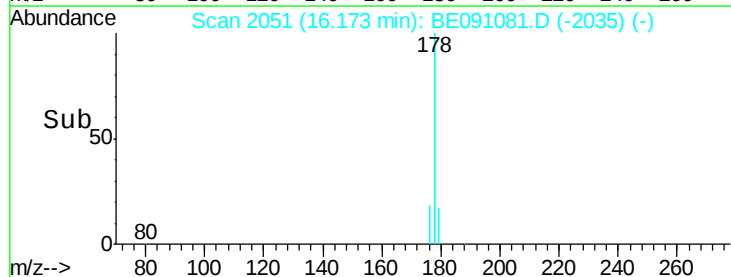
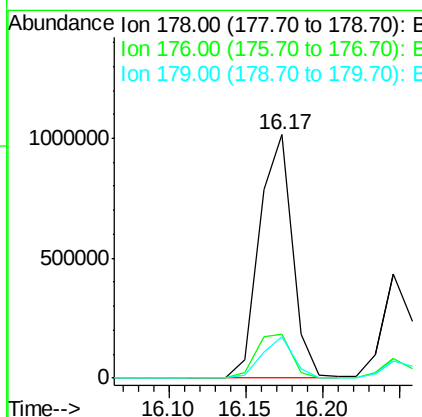
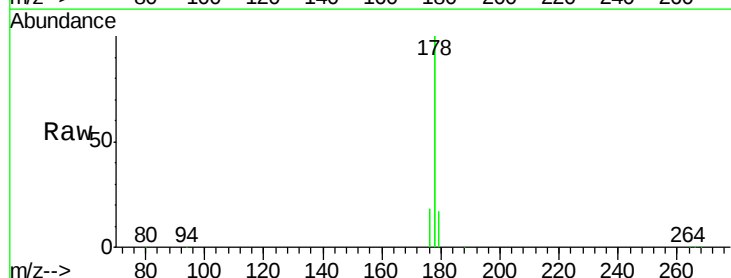
RT: 16.17 min Scan# 2051

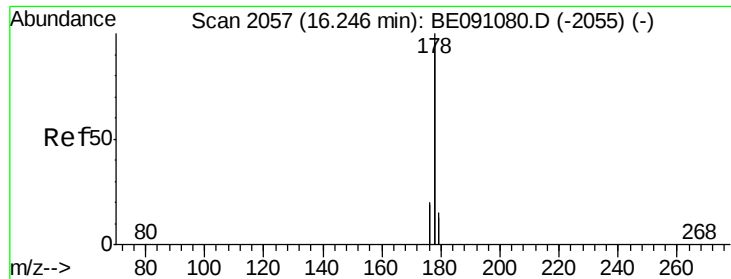
Delta R.T. -0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion:	178	Resp:	1509791
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.2	24.4
179	16.8	12.8	19.2





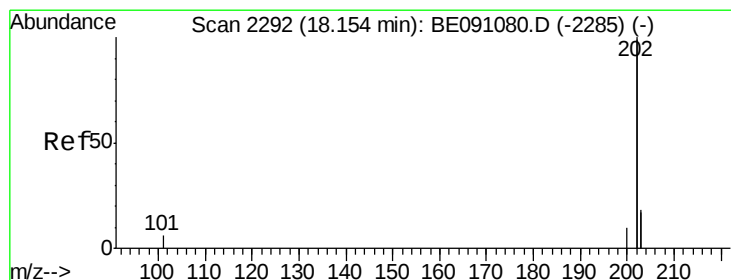
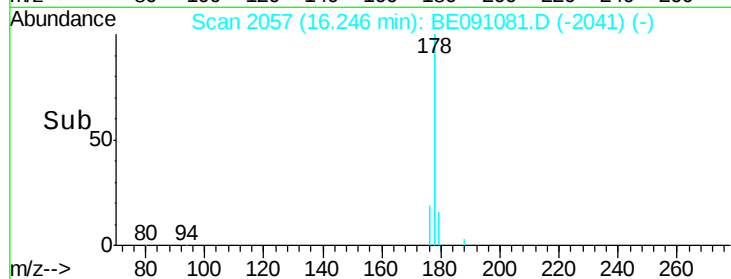
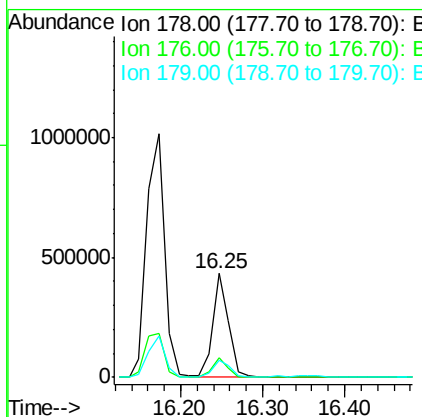
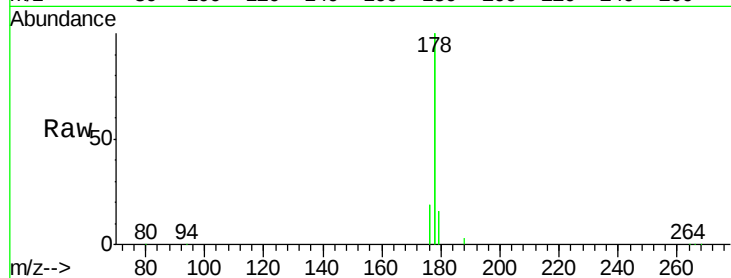
#15
 Anthracene
 Concen: 2.37 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BE091081.D
 Acq: 6 Nov 2015 9:03

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.3	13.3	19.9

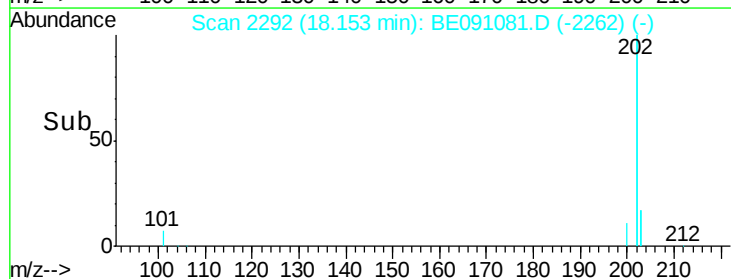
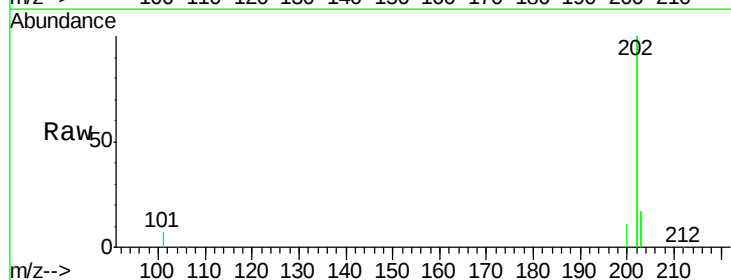
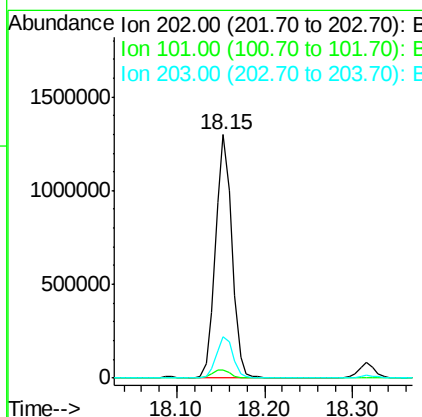
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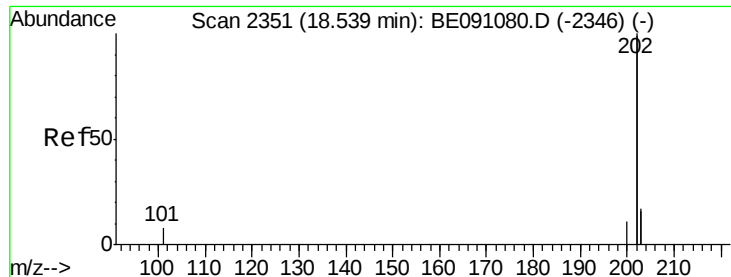
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#17
 Fluoranthene
 Concen: 5.20 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BE091081.D
 Acq: 6 Nov 2015 9:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	17.3	0.0	37.2





#19

Pyrene

Concen: 3.46 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

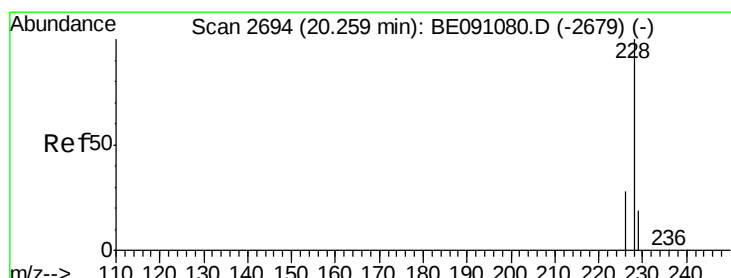
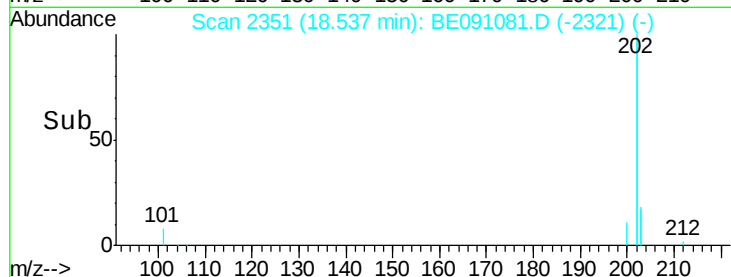
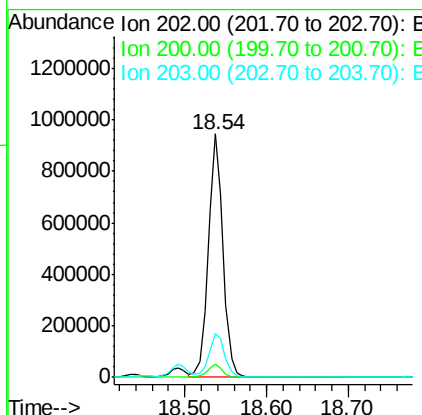
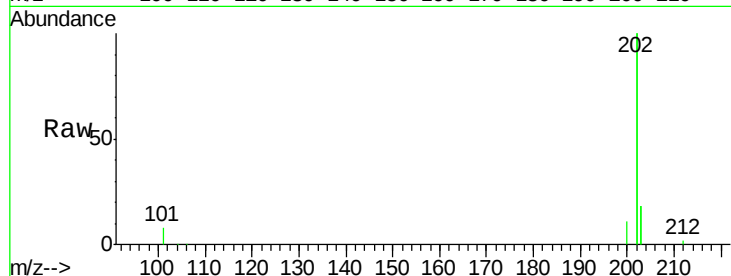
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Tgt Ion:	202	Resp:	1178596
Ion Ratio	Lower	Upper	
202	100		
200	5.5	18.0	27.0#
203	18.3	13.8	20.6



#20

Benzo(a)anthracene

Concen: 1.60 ng/ul

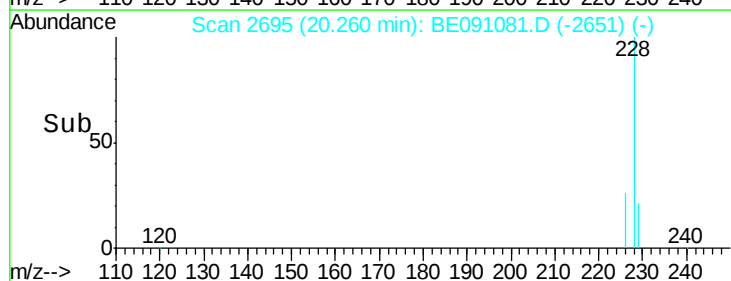
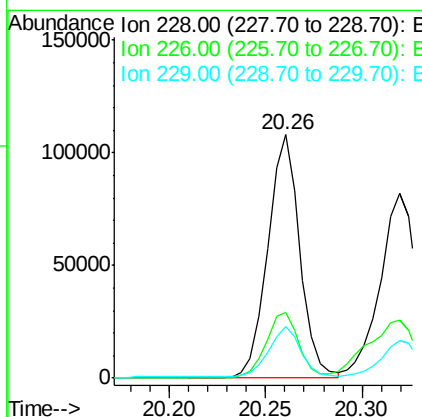
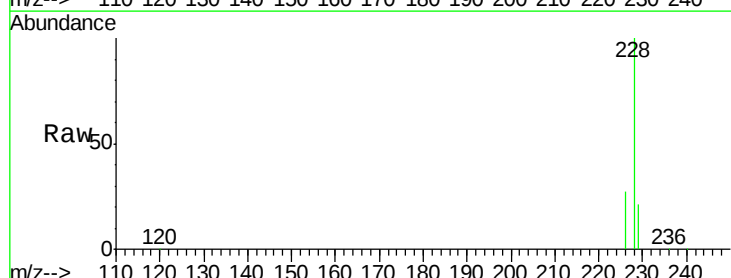
RT: 20.26 min Scan# 2695

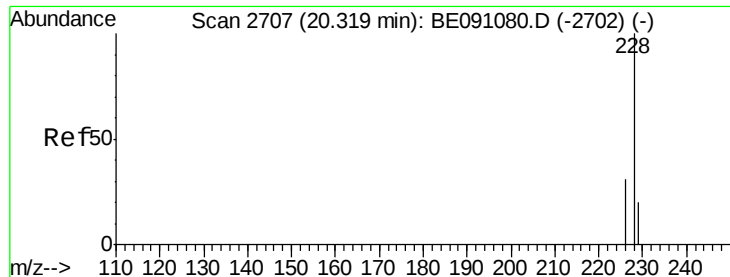
Delta R.T. 0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion:	228	Resp:	123349
Ion Ratio	Lower	Upper	
228	100		
226	26.9	23.0	34.4
229	21.0	15.2	22.8





#21

Chrysene

Concen: 1.23 ng/u1

RT: 20.32 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BE091081.D

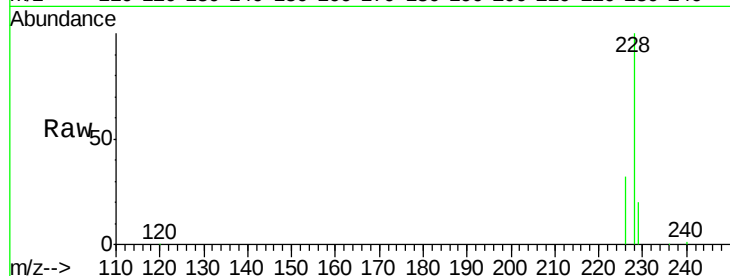
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Instrument :

BNA_E

ClientSampleId :

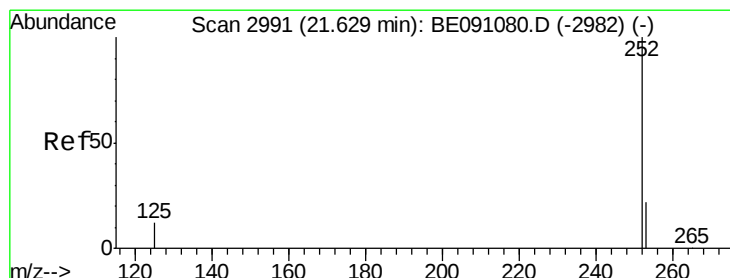
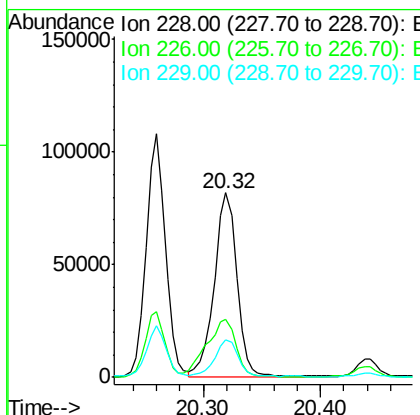
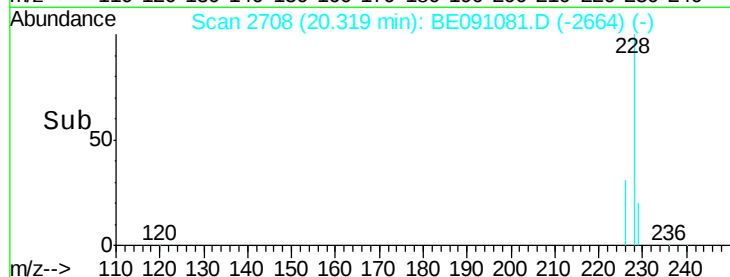
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.4	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.65 ng/u1

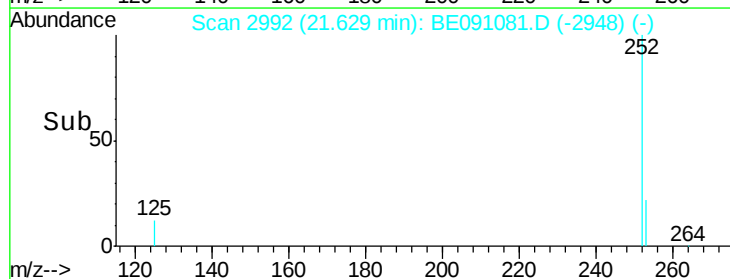
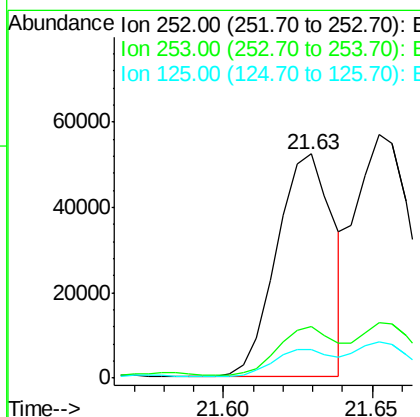
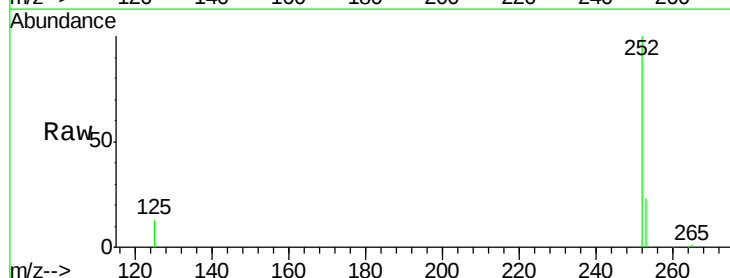
RT: 21.63 min Scan# 2992

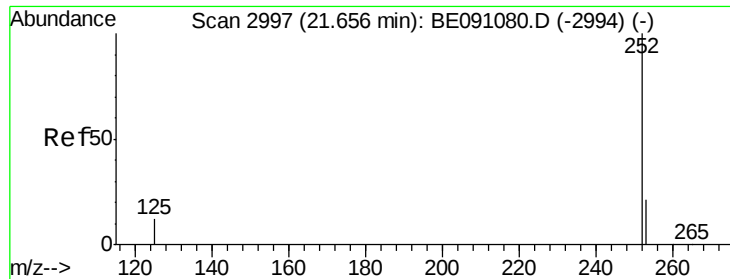
Delta R.T. 0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	48.0
125	12.7	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.72 ng/ul

RT: 21.65 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

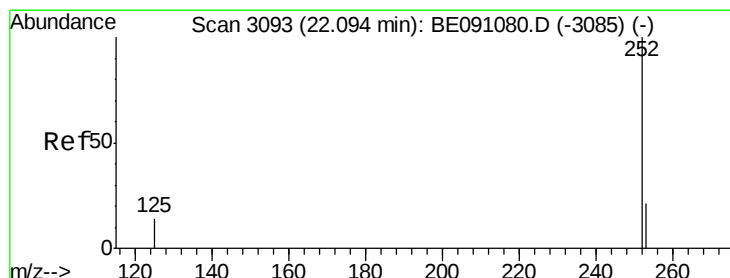
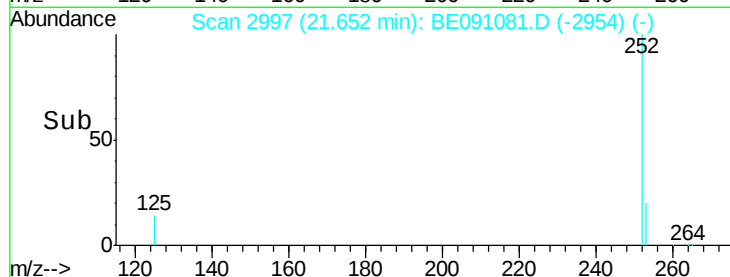
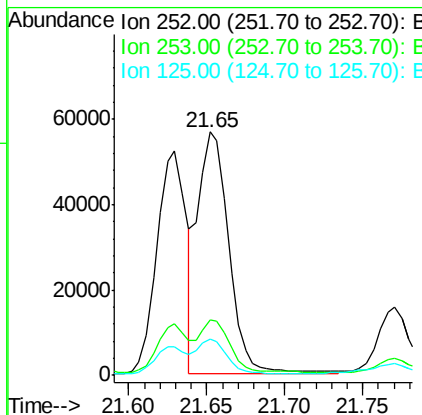
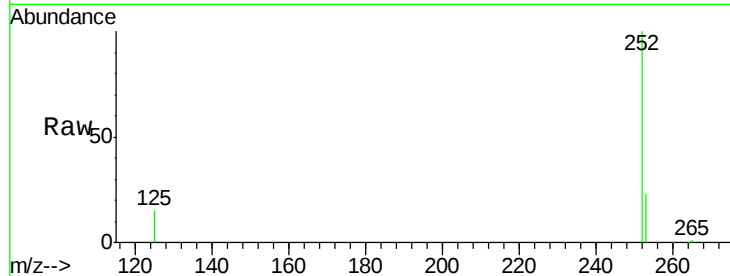
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Tgt Ion:	252	Resp:	77940
Ion Ratio	Lower	Upper	
252	100		
253	22.5	20.8	31.2
125	14.8	12.2	18.4



#25

Benzo(a)pyrene

Concen: 0.84 ng/ul m

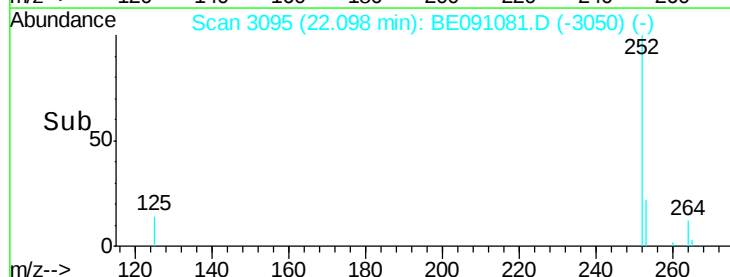
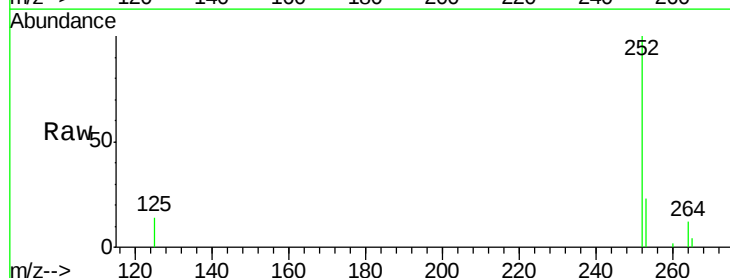
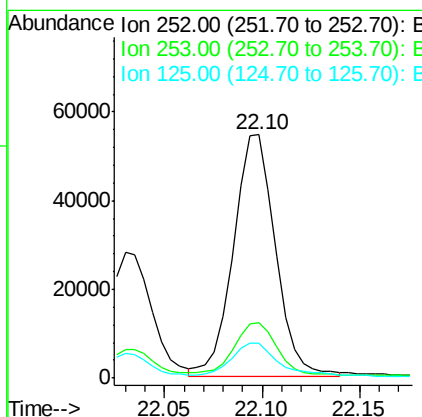
RT: 22.10 min Scan# 3095

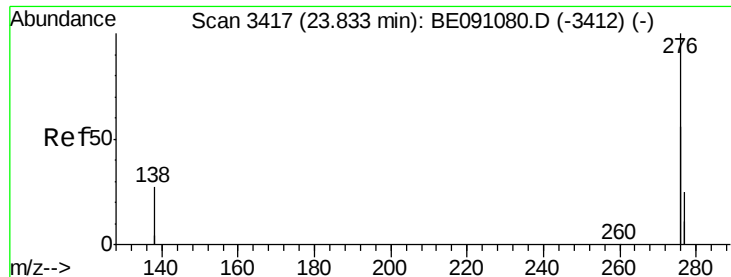
Delta R.T. 0.00 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

Tgt Ion:	252	Resp:	81354
Ion Ratio	Lower	Upper	
252	100		
253	22.7	21.8	32.8
125	14.4	14.5	21.7#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.39 ng/ul m

RT: 23.83 min Scan# 3418

Delta R.T. -0.00 min

Lab File: BE091081.D

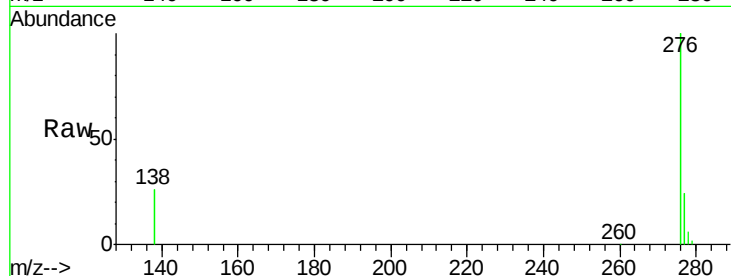
Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

C0AN6DL



Tgt Ion: 276 Resp: 157149

Ion Ratio Lower Upper

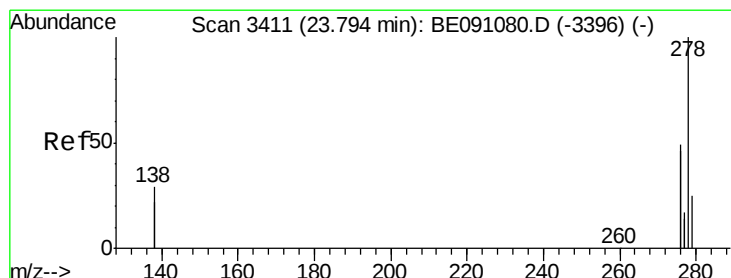
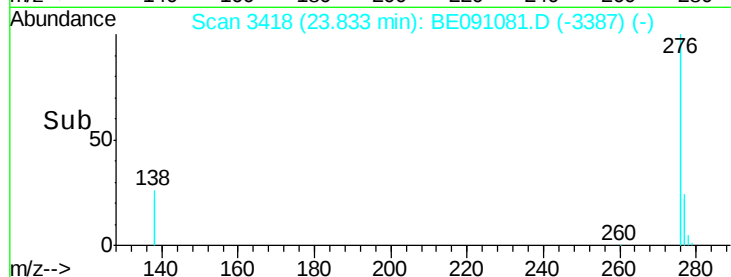
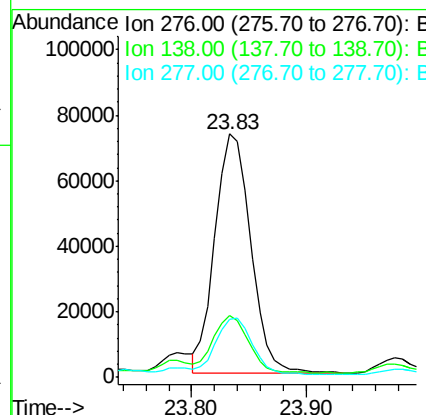
276 100

138 23.6 27.5 41.3#

277 24.0 19.3 28.9

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 6:47:52 PM



#27

Dibenzo(a,h)anthracene

Concen: 0.16 ng/ul

RT: 23.79 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BE091081.D

Acq: 6 Nov 2015 9:03

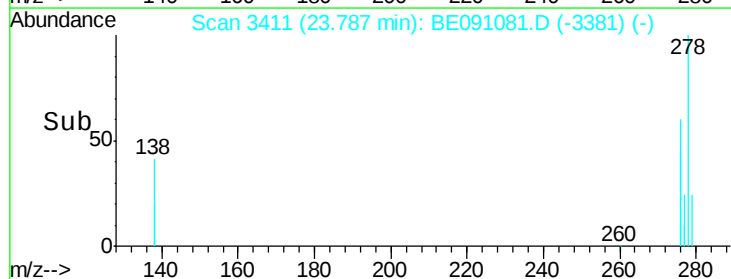
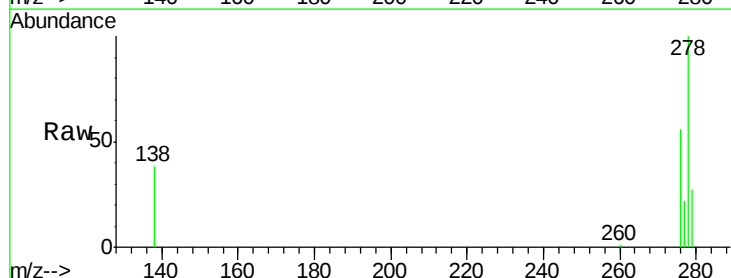
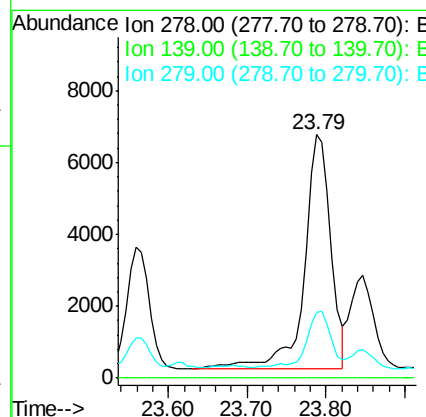
Tgt Ion: 278 Resp: 15367

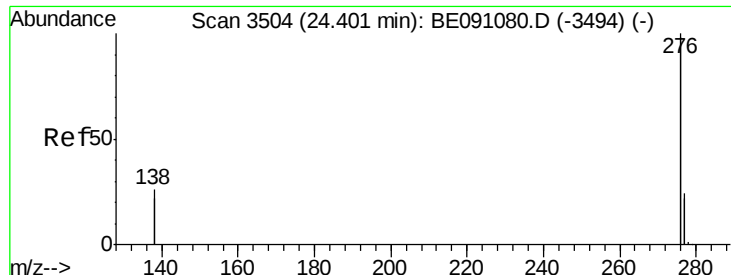
Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

279 27.2 21.9 32.9





#28

Benzo(g,h,i)perylene

Concen: 0.34 ng/ul

RT: 24.40 min Scan# 3505

Delta R.T. -0.00 min

Lab File: BE091081.D

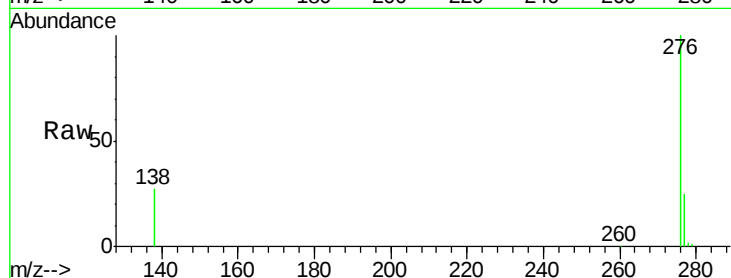
Acq: 6 Nov 2015 9:03

Instrument :

BNA_E

ClientSampleId :

C0AN6DL



Tgt Ion: 276 Resp: 143886

Ion Ratio Lower Upper

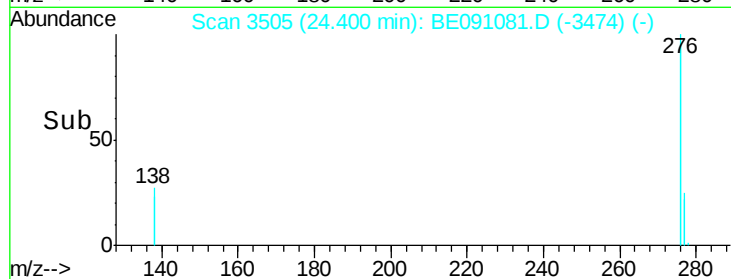
276 100

277 25.3 21.3 31.9

138 27.4 25.5 38.3

Manual Integrations
APPROVED

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11/9/2015 6:47:52 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

