

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
 Data File : BE091086.D
 Acq On : 6 Nov 2015 12:19
 Operator : UM/NP
 Sample : G4273-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1DL

Manual Integrations
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 11/9/2015 6:48:05 PM

Quant Time: Nov 09 13:53:52 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	3049	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	16706	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	9758	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	22628	0.40	ng/ul	0.00
18) Chrysene-d12	20.29	240	24492	0.40	ng/ul	0.00
22) Perylene-d12	22.19	264	25802	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.98	96	2402	1.10	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.08	152	946	0.04	ng/ul	0.00
16) Fluoranthene-d10	18.13	212	2460	0.04	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	2744	0.07	ng/ul#	92
7) 2-Methylnaphthalene	11.15	142	1927	0.07	ng/ul	100
9) Acenaphthylene	13.15	152	1982	0.04	ng/ul#	92
10) Acenaphthene	13.46	153	8539	0.26	ng/ul	93
11) Fluorene	14.45	166	10431	0.24	ng/ul	90
14) Phenanthrene	16.17	178	138994	0.53	ng/ul	96
15) Anthracene	16.25	178	110388	0.46	ng/ul	99
17) Fluoranthene	18.15	202	239287	0.78	ng/ul	88
19) Pyrene	18.54	202	178781	0.64	ng/ul#	78
20) Benzo(a)anthracene	20.26	228	20788	0.33	ng/ul	96
21) Chrysene	20.32	228	20840	0.29	ng/ul	98
23) Benzo(b)fluoranthene	21.62	252	13957	0.17	ng/ul	96
24) Benzo(k)fluoranthene	21.65	252	15254	0.18	ng/ul	97
25) Benzo(a)pyrene	22.09	252	15759	0.21	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.83	276	34689m	0.11	ng/ul	
27) Dibenzo(a,h)anthracene	23.79	278	2714	0.04	ng/ul#	67
28) Benzo(g,h,i)perylene	24.40	276	27603	0.08	ng/ul	99

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

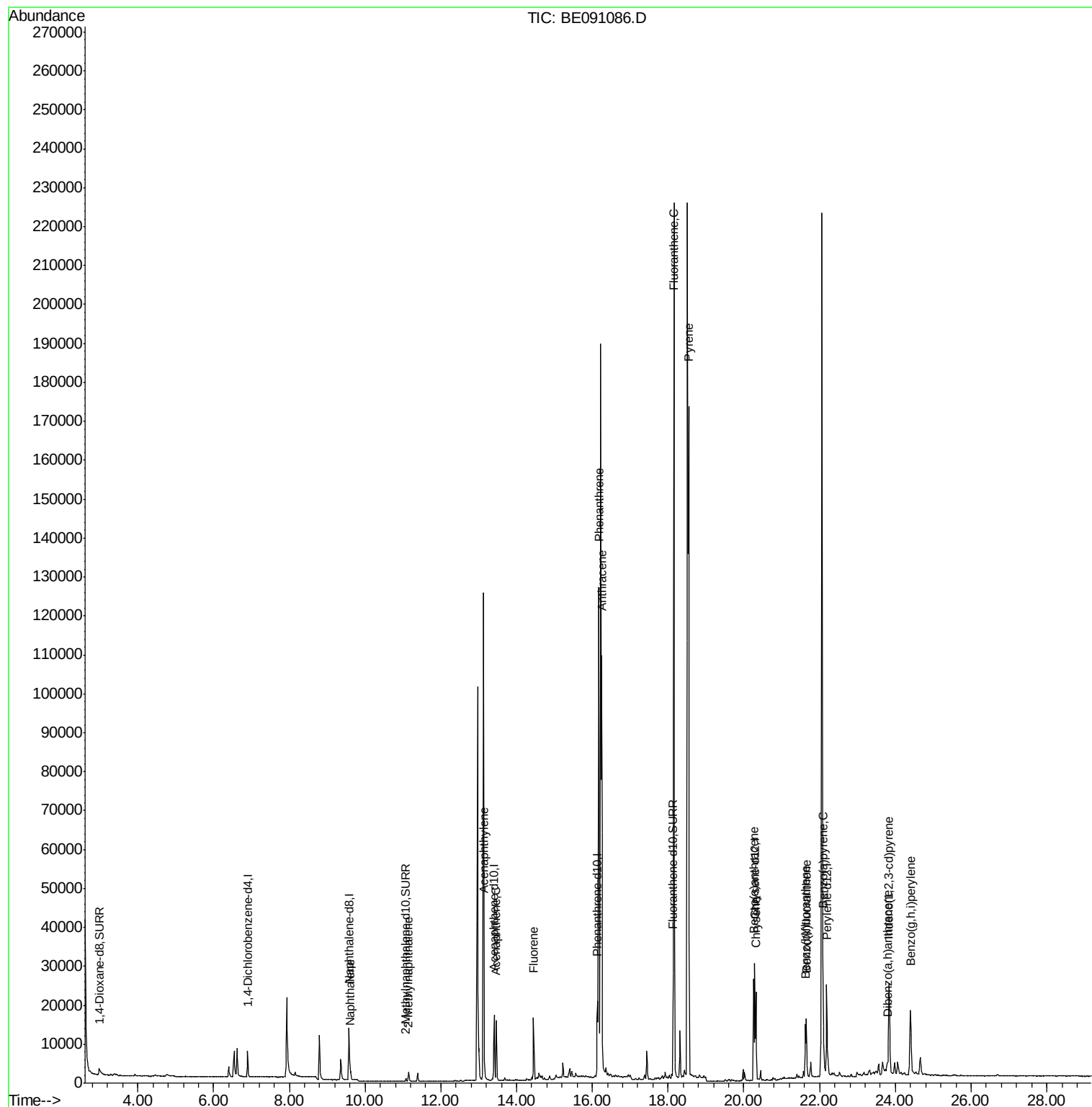
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110615\
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Sample : G4273-06DL 5X
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ALS Vial : 22 Sample Multiplier: 1

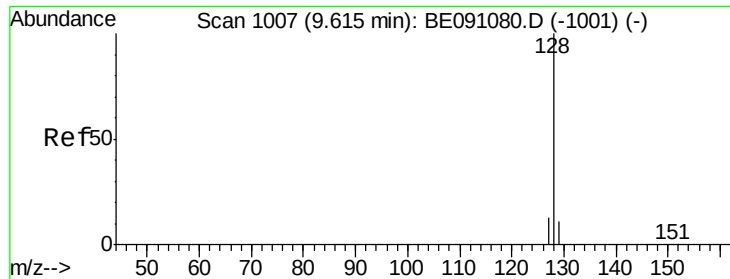
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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#5

Naphthalene

Concen: 0.07 ng/ul

RT: 9.61 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

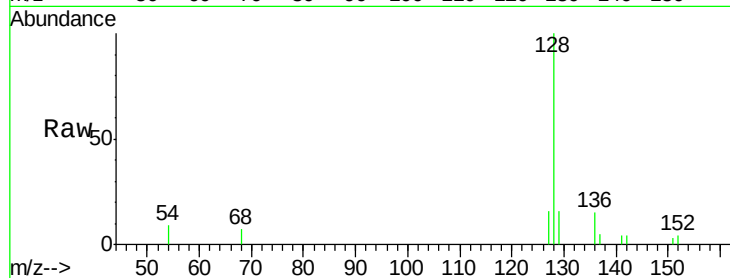
ClientSampleId :

C0AP1DL

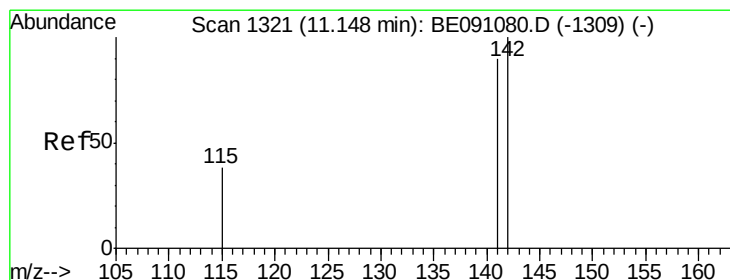
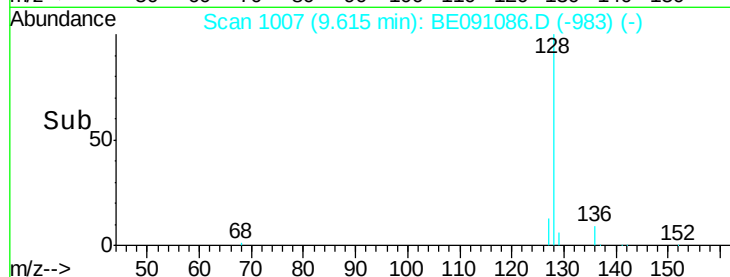
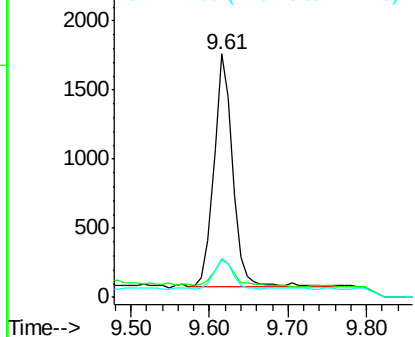
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Tgt Ion:	128	Resp:	2744
Ion Ratio	Lower	Upper	
128	100		
129	15.6	9.8	14.8#
127	16.1	10.7	16.1#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.07 ng/ul

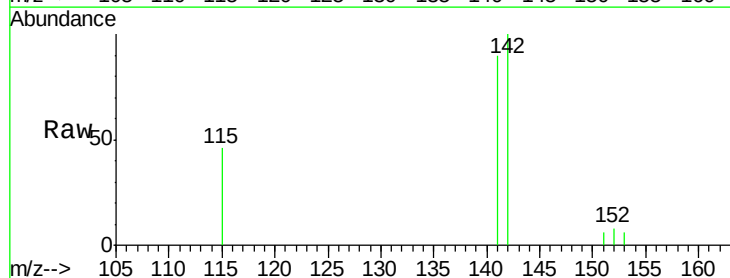
RT: 11.15 min Scan# 1321

Delta R.T. -0.00 min

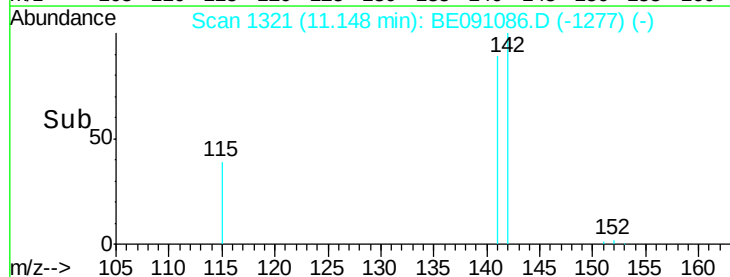
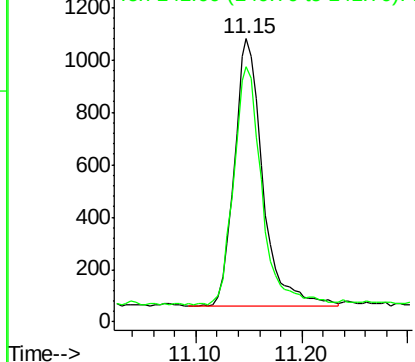
Lab File: BE091086.D

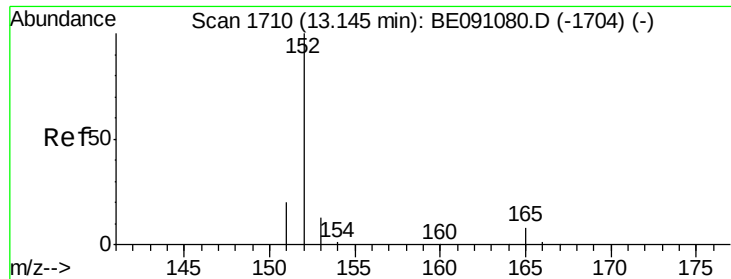
Acq: 6 Nov 2015 12:19

Tgt Ion:	142	Resp:	1927
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.00 min

Lab File: BE091086.D

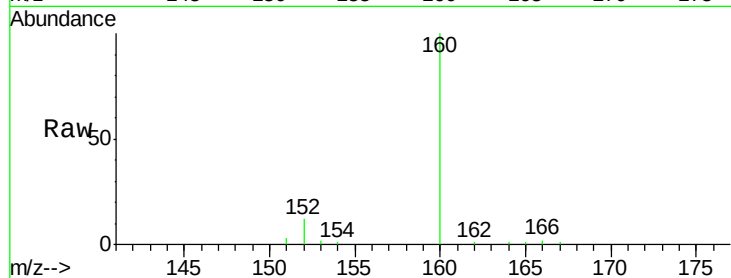
Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

ClientSampleId :

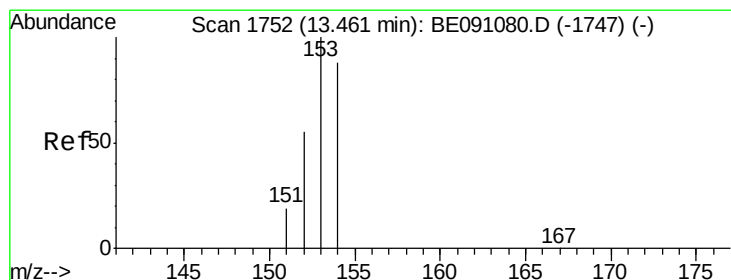
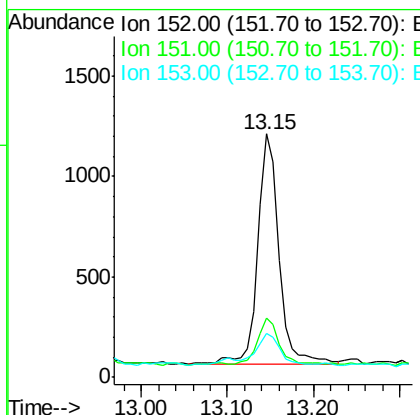
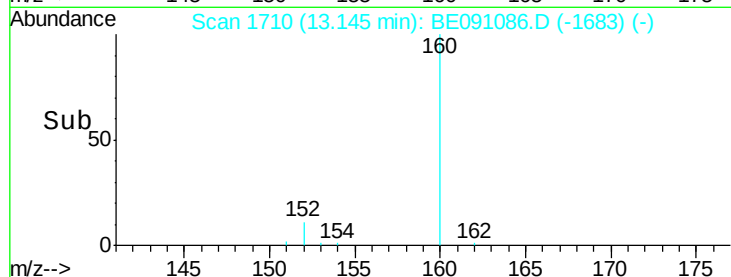
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	16.8	25.2
153	18.1	11.3	16.9

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#10

Acenaphthene

Concen: 0.26 ng/ul

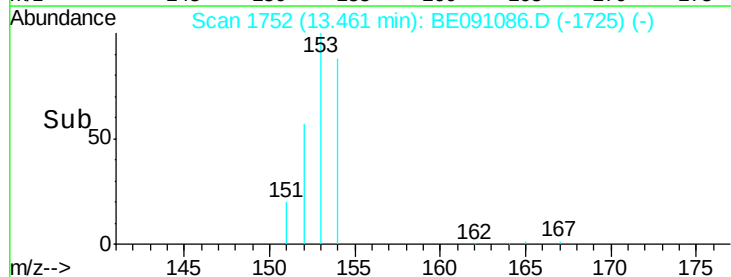
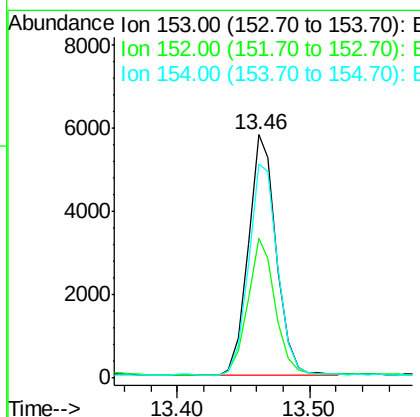
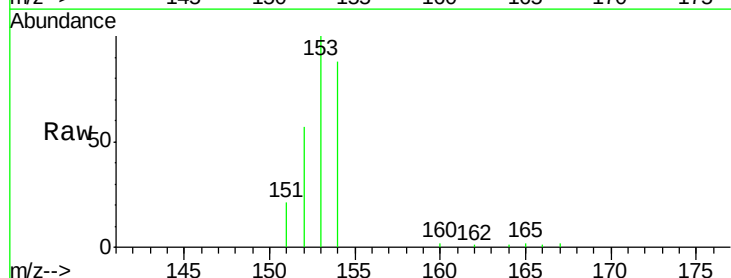
RT: 13.46 min Scan# 1752

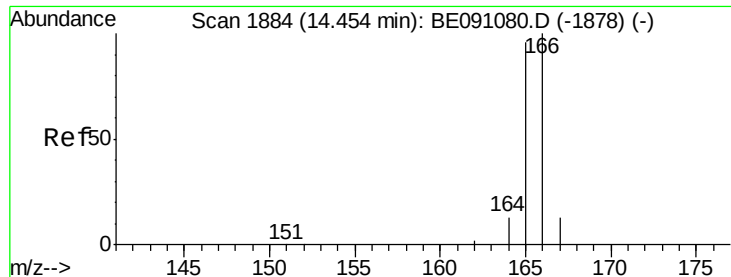
Delta R.T. 0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	57.5	42.3	63.5
154	88.0	64.7	97.1





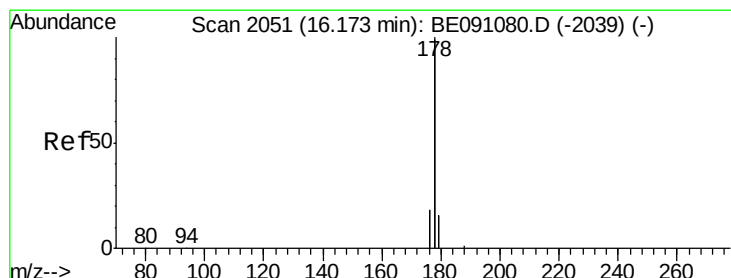
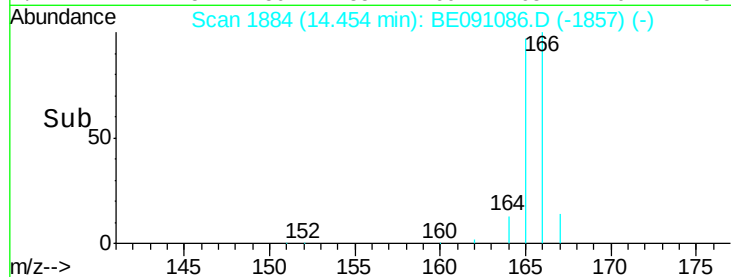
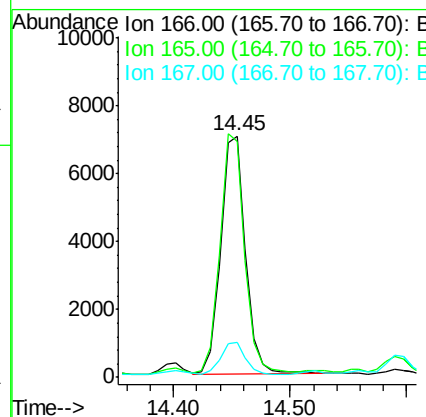
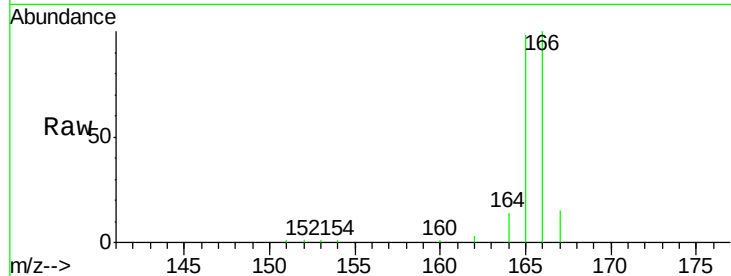
#11
Fluorene
 Concen: 0.24 ng/ul
 RT: 14.45 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	87.6	131.4
167	14.6	11.1	16.7

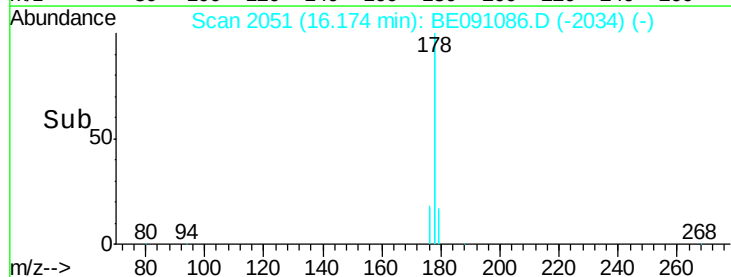
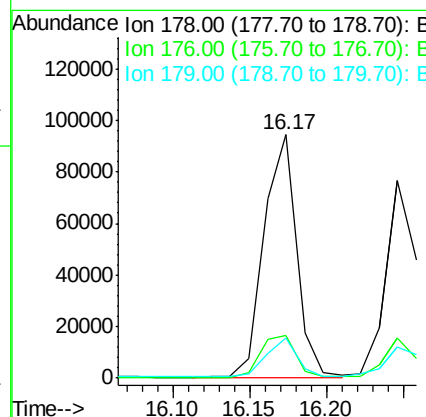
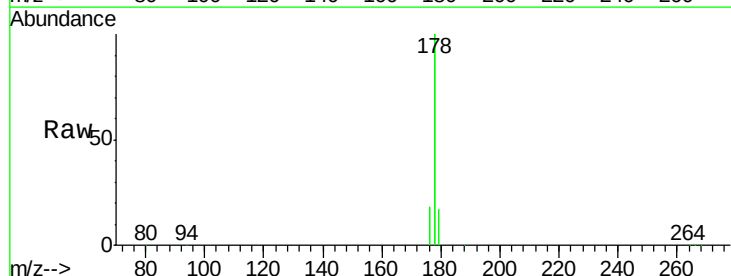
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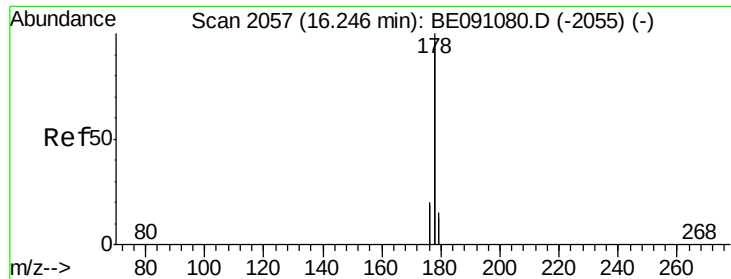
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#14
Phenanthrene
 Concen: 0.53 ng/ul
 RT: 16.17 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	16.6	12.8	19.2





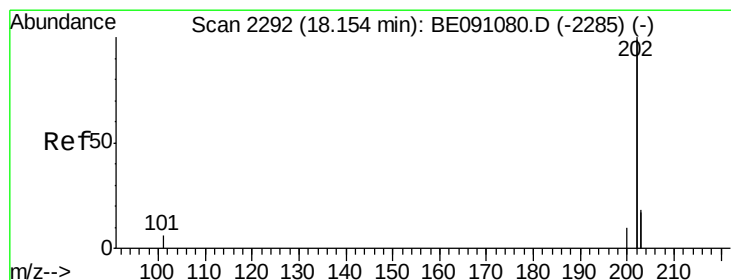
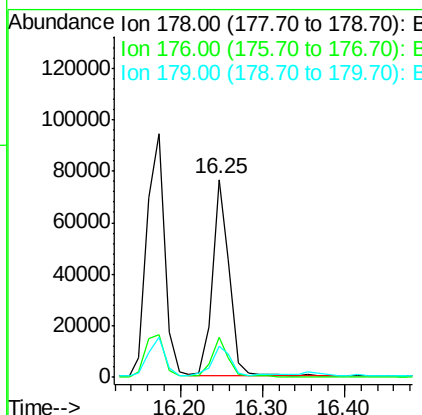
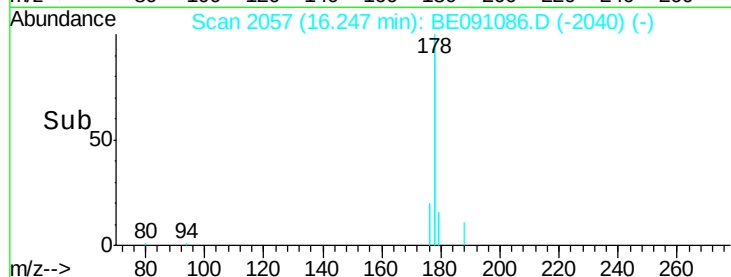
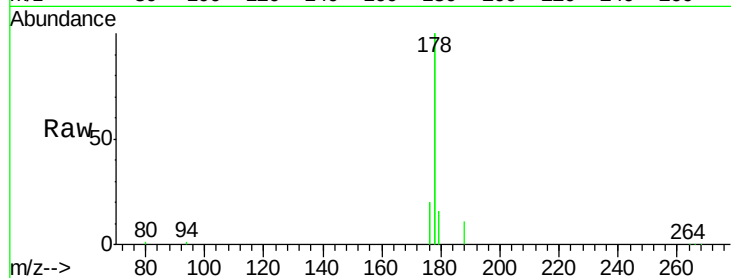
#15
 Anthracene
 Concen: 0.46 ng/ul
 RT: 16.25 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

Instrument :
 BNA_E
 ClientSampleId :
 C0AP1DL

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.3	19.9

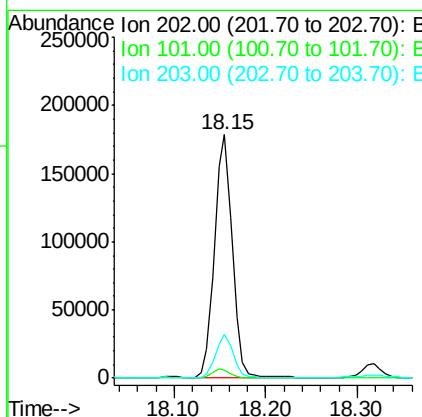
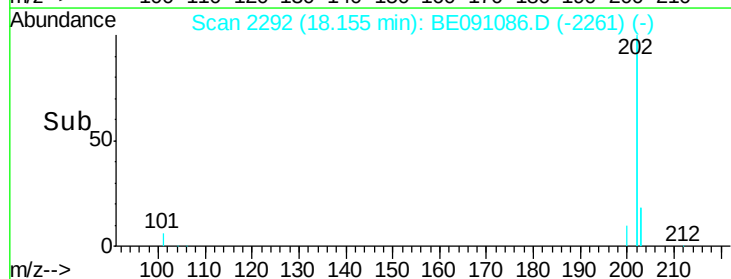
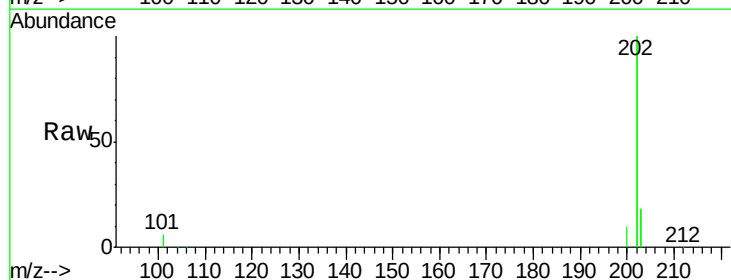
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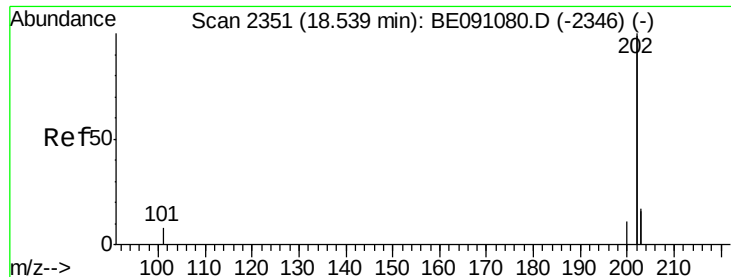
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#17
 Fluoranthene
 Concen: 0.78 ng/ul
 RT: 18.15 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	33.1
203	18.2	0.0	37.2





#19

Pyrene

Concen: 0.64 ng/ul

RT: 18.54 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

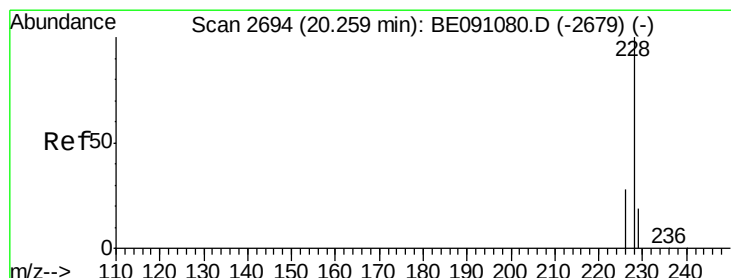
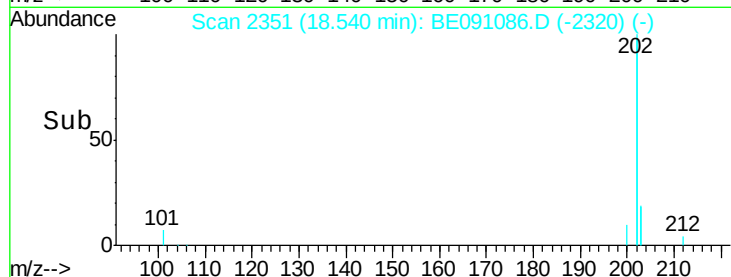
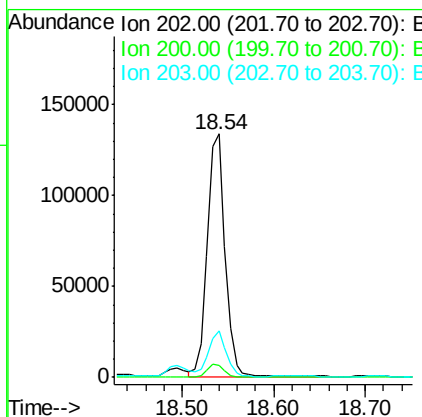
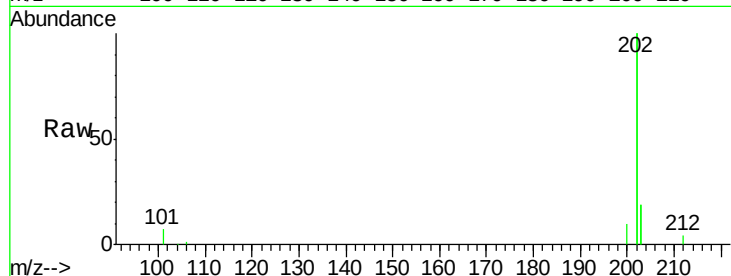
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	178781		
200	5.1	18.0	27.0#	
203	19.0	13.8	20.6	



#20

Benzo(a)anthracene

Concen: 0.33 ng/ul

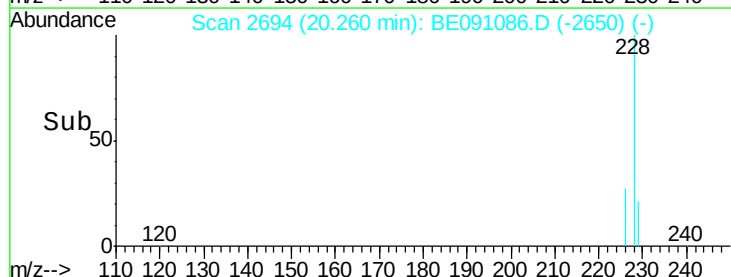
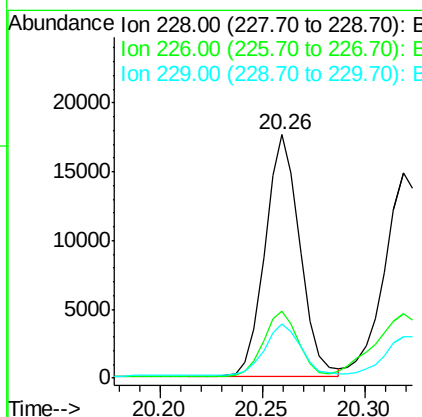
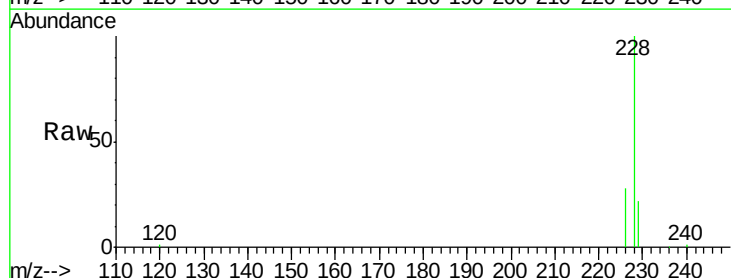
RT: 20.26 min Scan# 2694

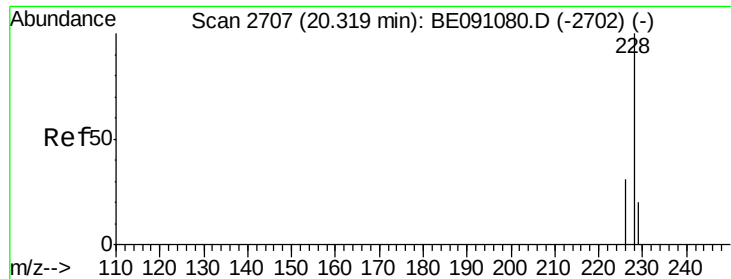
Delta R.T. 0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20788		
226	27.7	23.0	34.4	
229	22.1	15.2	22.8	





#21

Chrysene

Concen: 0.29 ng/ul

RT: 20.32 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BE091086.D

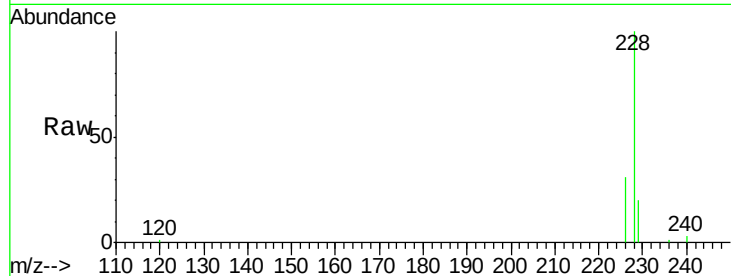
Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

ClientSampleId :

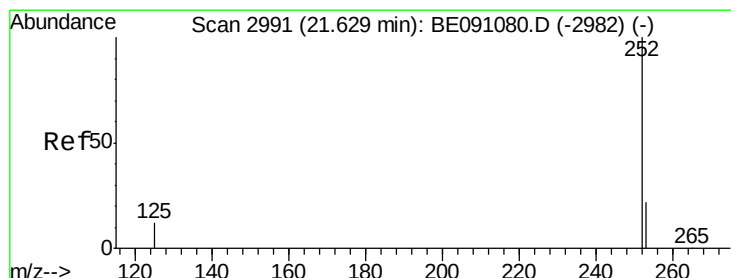
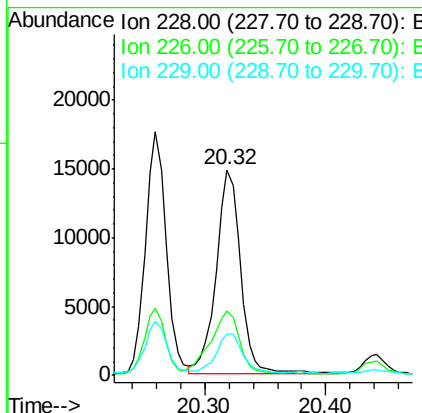
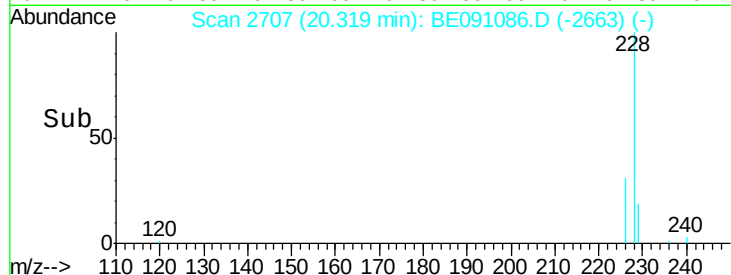
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.7	38.5
229	20.4	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 0.17 ng/ul

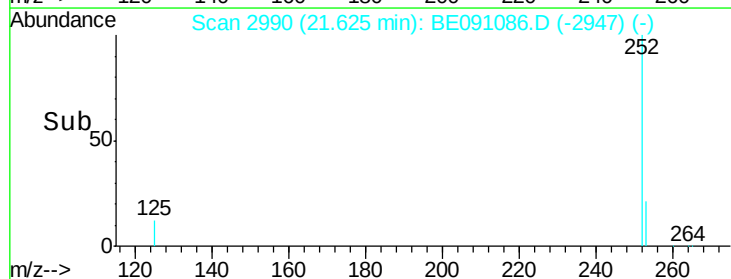
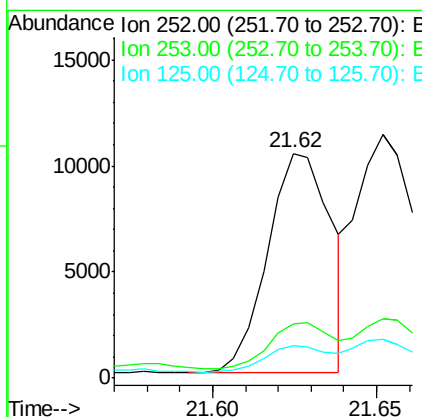
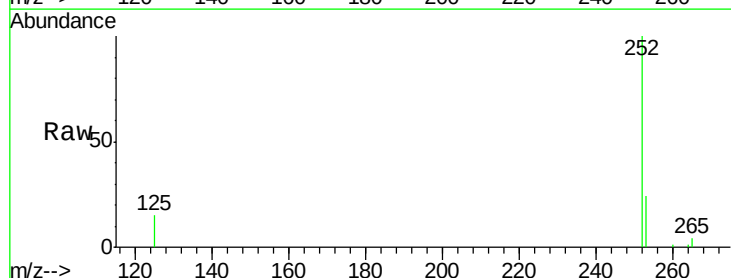
RT: 21.62 min Scan# 2990

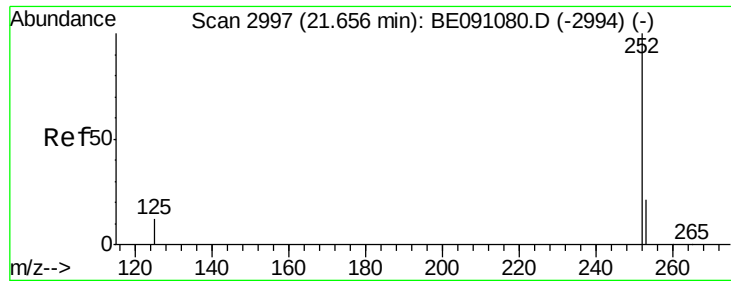
Delta R.T. -0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	48.0
125	14.6	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.18 ng/ul

RT: 21.65 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BE091086.D

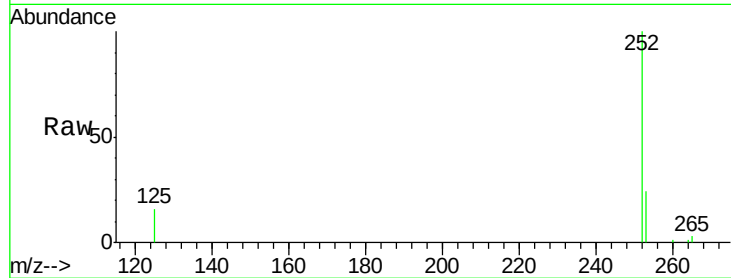
Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

ClientSampleId :

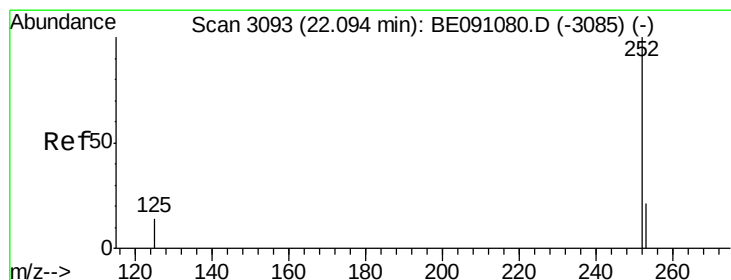
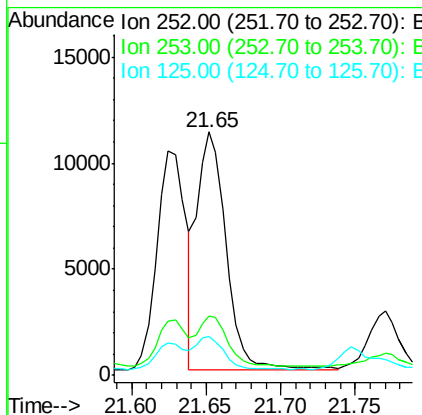
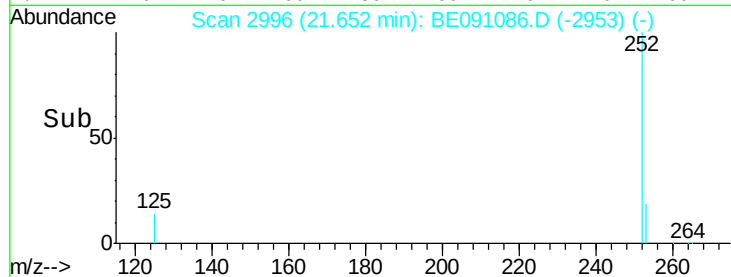
C0AP1DL



Tgt Ion:	252	Resp:	15254
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.8	31.2
125	15.9	12.2	18.4

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#25

Benzo(a)pyrene

Concen: 0.21 ng/ul

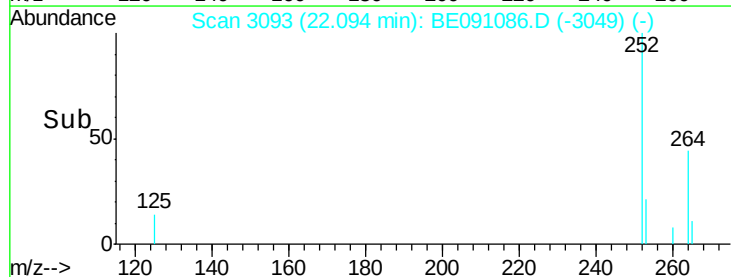
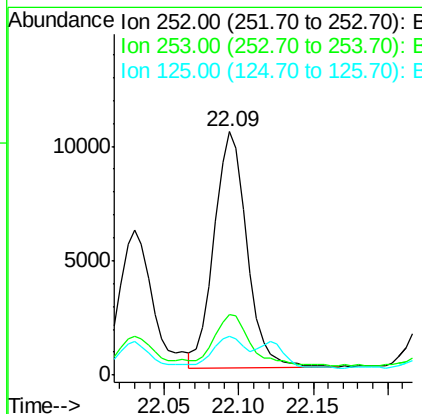
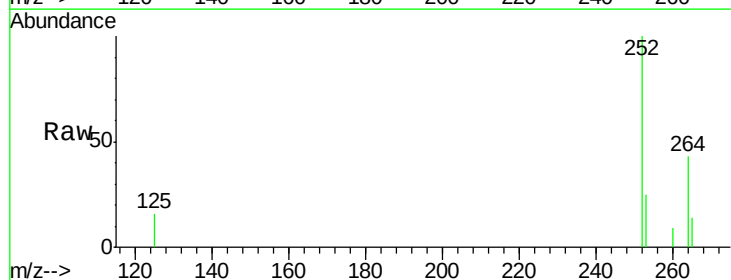
RT: 22.09 min Scan# 3093

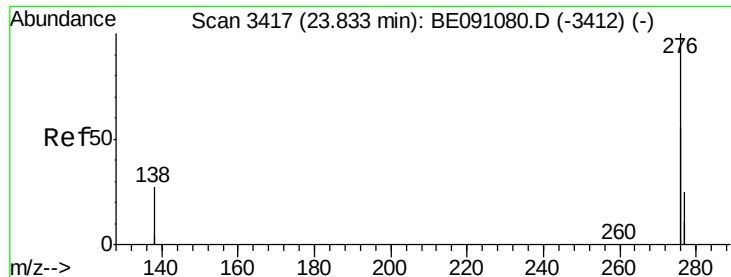
Delta R.T. -0.00 min

Lab File: BE091086.D

Acq: 6 Nov 2015 12:19

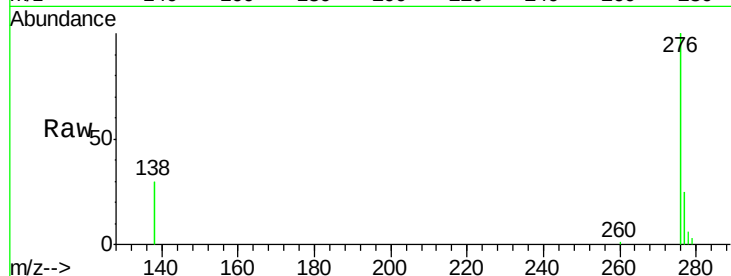
Tgt Ion:	252	Resp:	15759
Ion Ratio	Lower	Upper	
252	100		
253	25.1	21.8	32.8
125	16.0	14.5	21.7





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng/ul m
 RT: 23.83 min Scan# 3417
 Delta R.T. -0.00 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

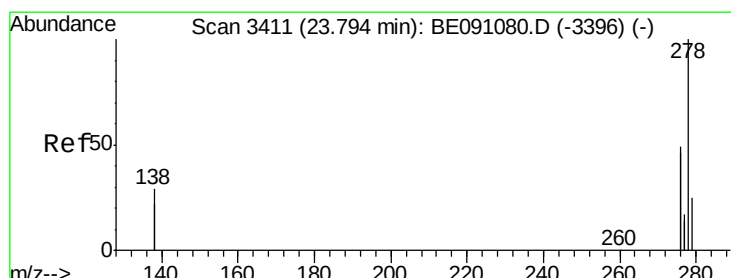
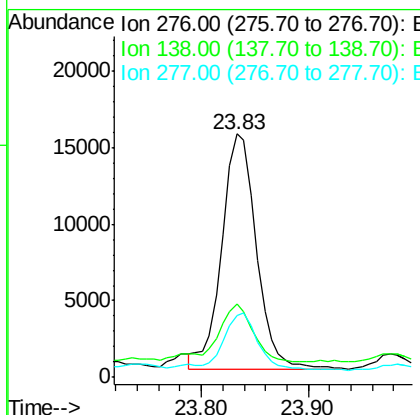
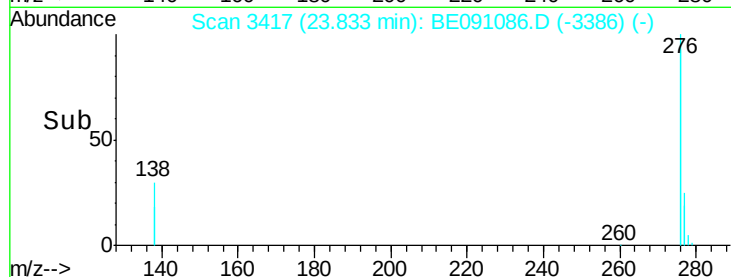
Instrument :
 BNA_E
 ClientSampleId :
 C0AP1DL



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	27.5	41.3#
277	25.4	19.3	28.9

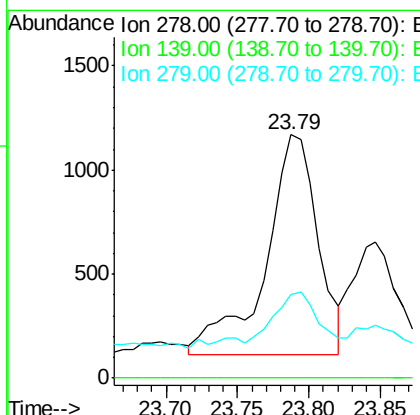
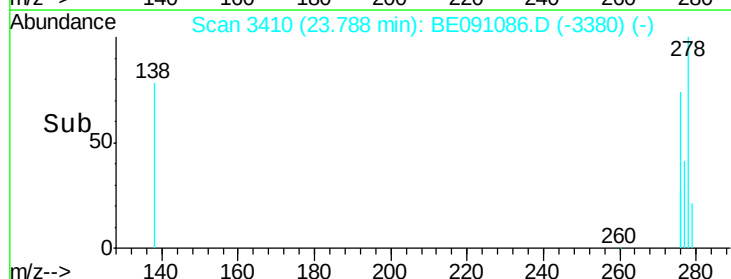
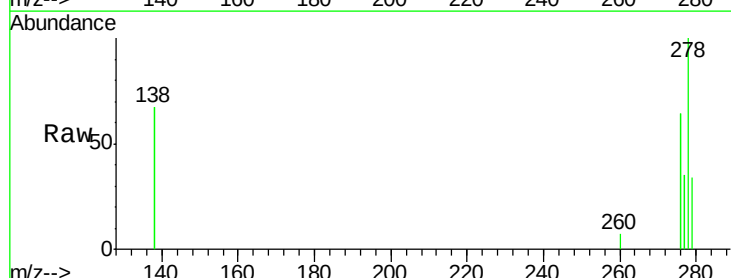
Manual Integrations
 APPROVED

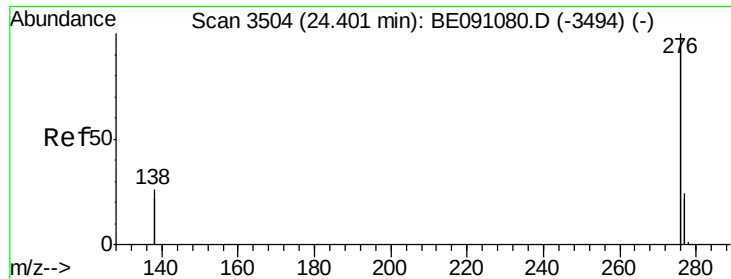
Mmdadoda
 11/9/2015 6:48:05 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.04 ng/ul
 RT: 23.79 min Scan# 3410
 Delta R.T. -0.01 min
 Lab File: BE091086.D
 Acq: 6 Nov 2015 12:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	34.4	21.9	32.9#





#28

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 24.40 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BE091086.D

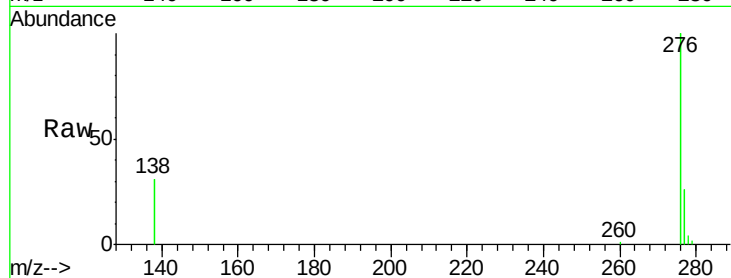
Acq: 6 Nov 2015 12:19

Instrument :

BNA_E

ClientSampleId :

C0AP1DL



Tgt Ion: 276 Resp: 27603

Ion Ratio Lower Upper

276 100

277 26.2 21.3 31.9

138 31.0 25.5 38.3

Manual Integrations

APPROVED

Mmdadoda

11/9/2015 6:48:05 PM

