

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091299.D
 Acq On : 23 Nov 2015 14:44
 Operator : UM/NP
 Sample : G4322-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Manual Integrations
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Quant Time: Nov 24 04:10:07 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	1714	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	8030	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	4333	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	11605m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	14618	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	15841	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	8490	6.89	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	1861	0.17	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	5535	0.17	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	9380	0.47	ng/ul	99
7) 2-Methylnaphthalene	11.13	142	3633	0.28	ng/ul	98
9) Acenaphthylene	13.11	152	5548	0.26	ng/ul	99
10) Acenaphthene	13.42	153	12025	0.81	ng/ul	91
11) Fluorene	14.40	166	18916	0.99	ng/ul	93
14) Phenanthrene	16.11	178	1262384m	9.42	ng/ul	
15) Anthracene	16.20	178	315545	2.59	ng/ul	95
17) Fluoranthene	18.09	202	1657824	10.57	ng/ul	90
19) Pyrene	18.47	202	1508166	9.08	ng/ul#	80
20) Benzo(a)anthracene	20.19	228	189780m	5.06	ng/ul	
21) Chrysene	20.26	228	174059	4.03	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	115704	2.34	ng/ul	94
24) Benzo(k)fluoranthene	21.57	252	137615	2.71	ng/ul	95
25) Benzo(a)pyrene	22.01	252	149091m	3.27	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.70	276	307416	1.60	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.64	278	27238	0.60	ng/ul#	73
28) Benzo(g,h,i)perylene	24.25	276	263186	1.31	ng/ul	96

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

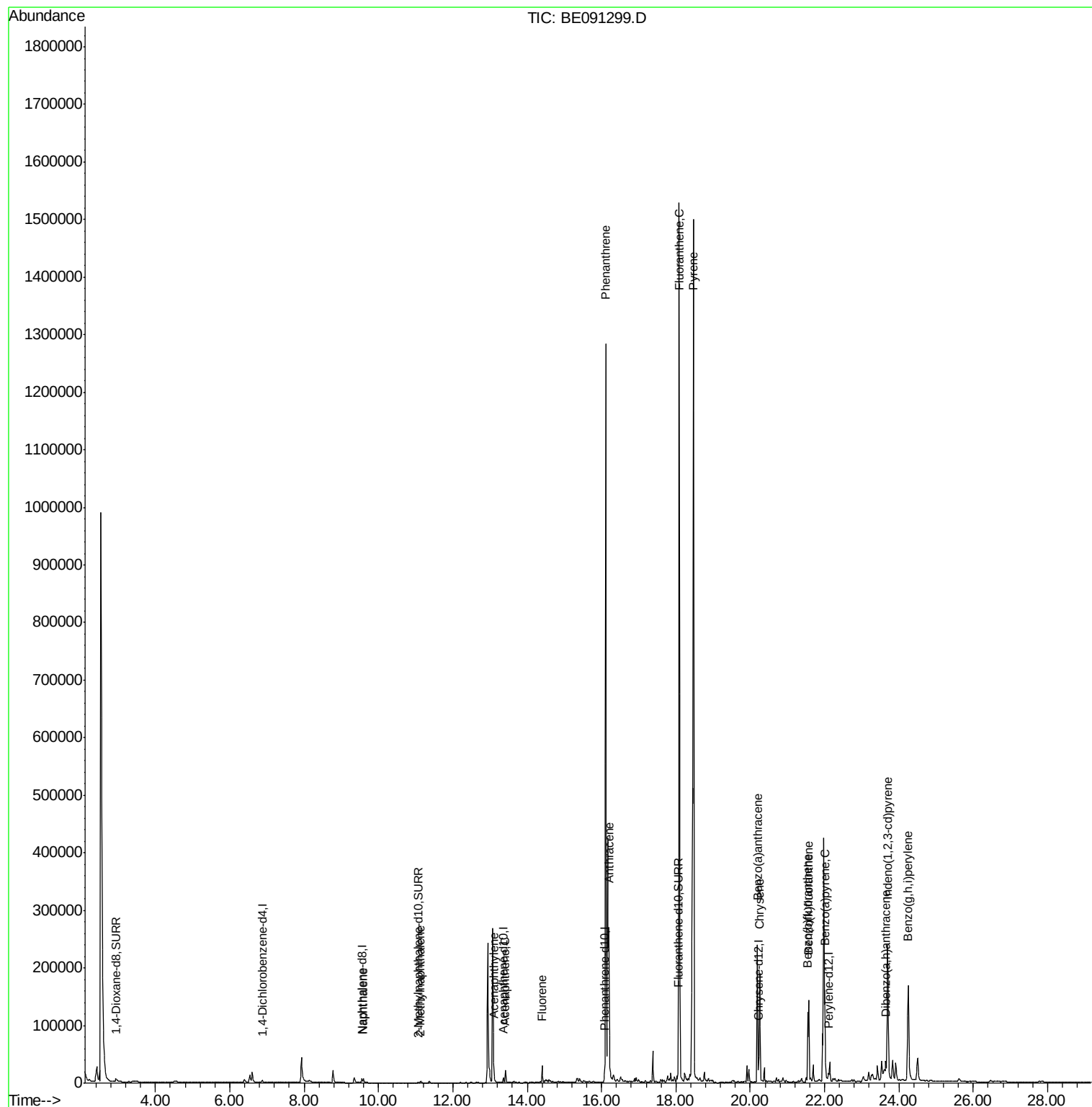
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
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ALS Vial : 5 Sample Multiplier: 1

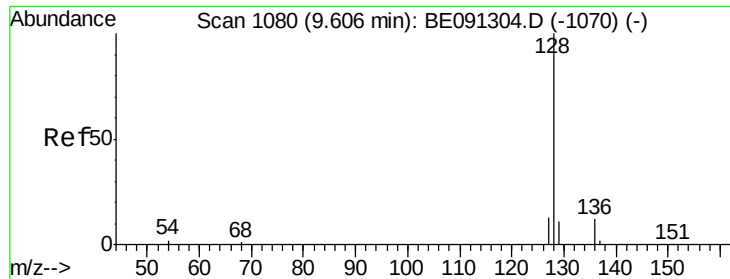
Instrument :
BNA_E
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A4HS0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.47 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091299.D

Acq: 23 Nov 2015 14:44

Instrument :

BNA_E

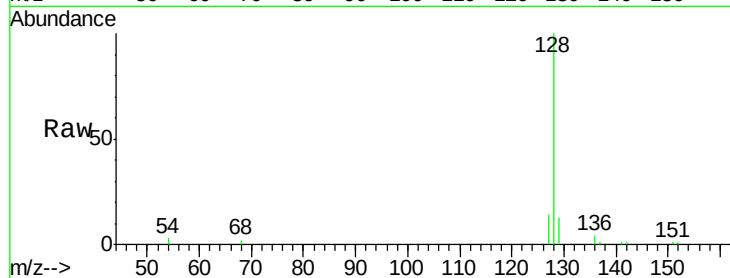
ClientSampleId :

A4HS0

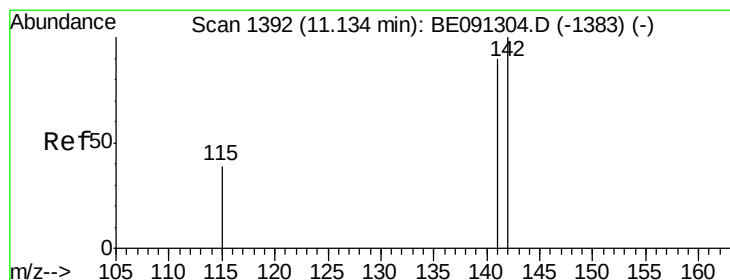
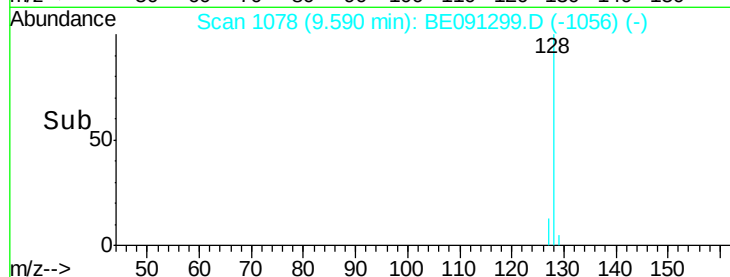
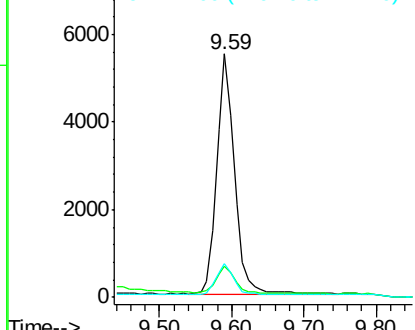
Tot Ion:	128	Resp:	9380
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.8	14.8
127	13.9	10.7	16.1

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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: 0.28 ng/ul

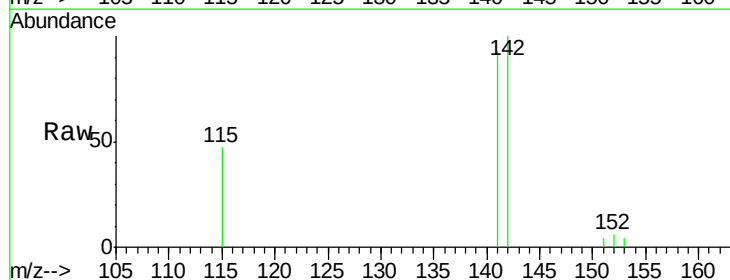
RT: 11.13 min Scan# 1391

Delta R.T. -0.00 min

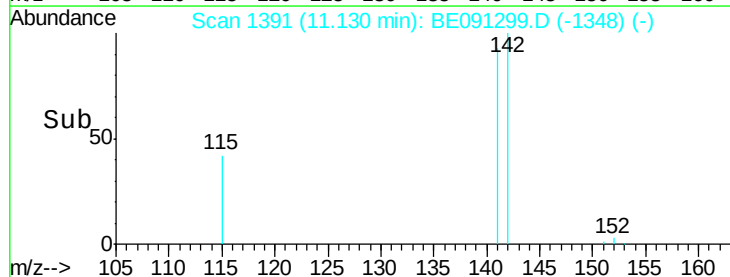
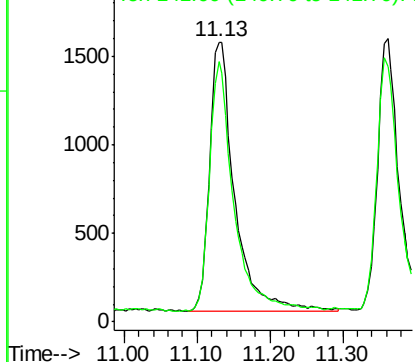
Lab File: BE091299.D

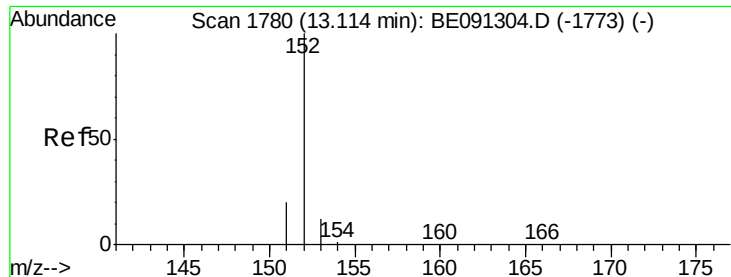
Acq: 23 Nov 2015 14:44

Tgt Ion:	142	Resp:	3633
Ion Ratio	Lower	Upper	
142	100		
141	89.3	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: 0.26 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091299.D

Acq: 23 Nov 2015 14:44

Instrument :

BNA_E

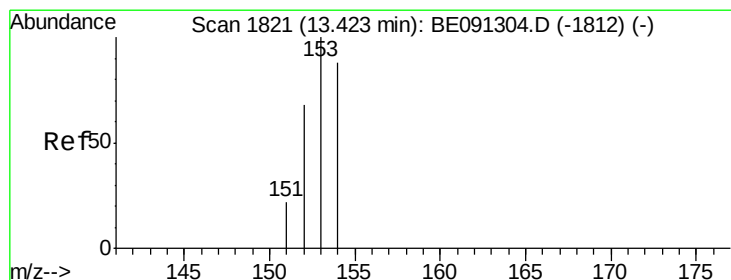
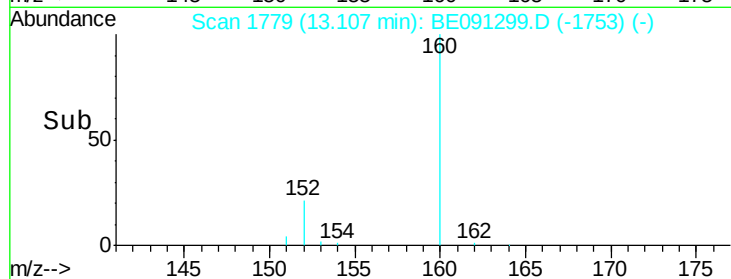
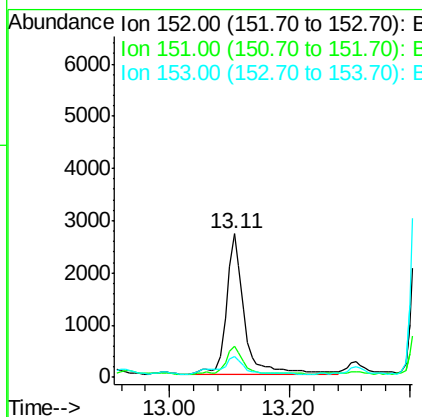
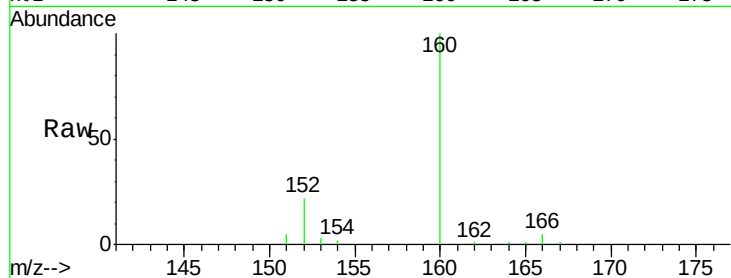
ClientSampleId :

A4HS0

Tot Ion:	152	Resp:	5548
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	14.8	11.3	16.9

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#10

Acenaphthene

Concen: 0.81 ng/ul

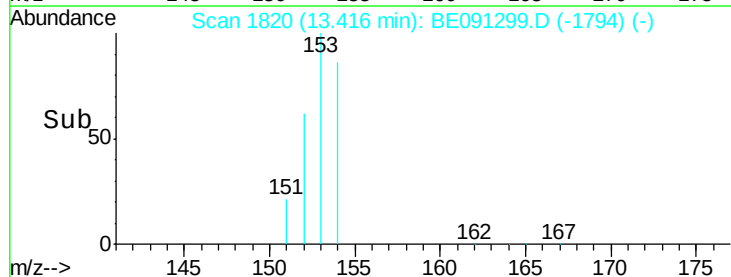
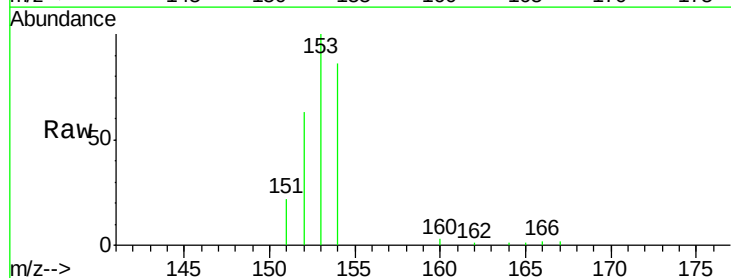
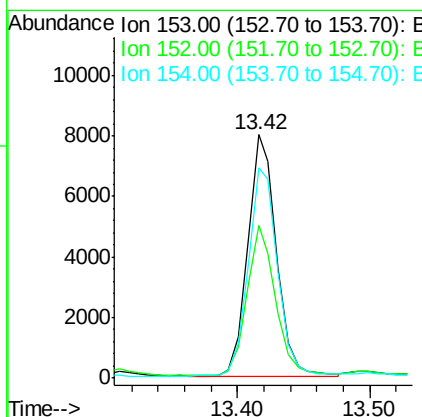
RT: 13.42 min Scan# 1820

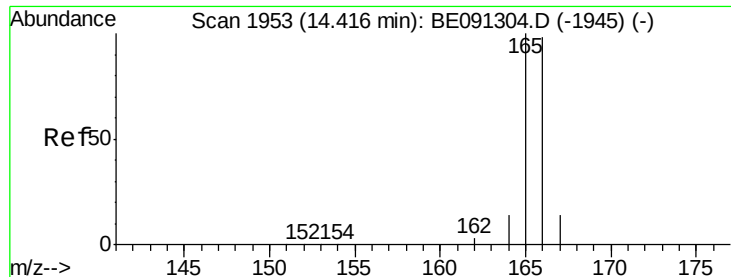
Delta R.T. -0.01 min

Lab File: BE091299.D

Acq: 23 Nov 2015 14:44

Tgt Ion:	153	Resp:	12025
Ion Ratio	Lower	Upper	
153	100		
152	62.9	42.3	63.5
154	86.3	64.7	97.1





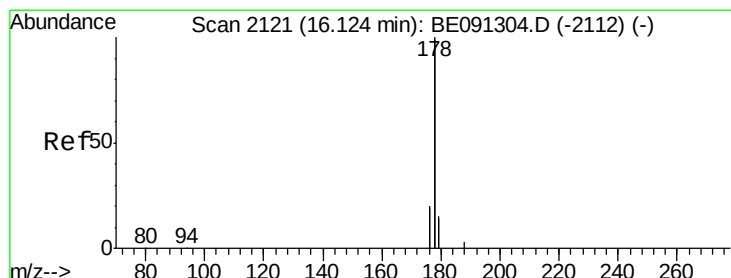
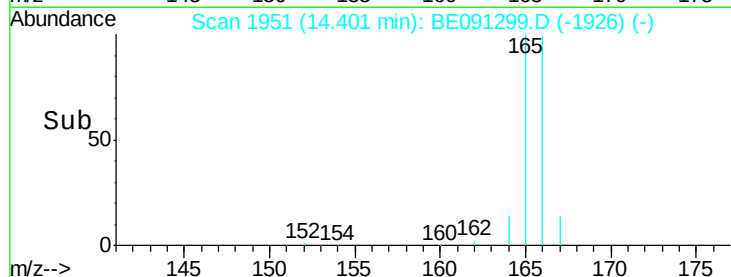
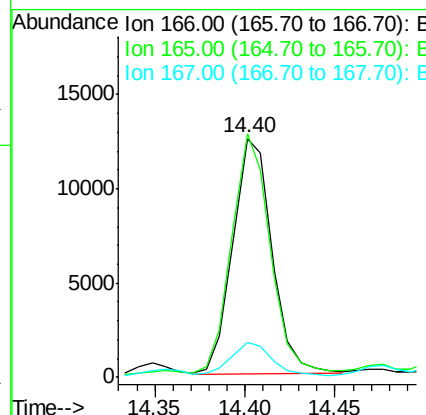
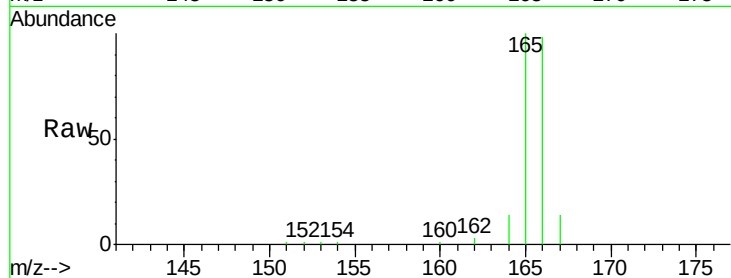
#11
 Fluorene
 Concen: 0.99 ng/ul
 RT: 14.40 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.9	87.6	131.4
167	14.5	11.1	16.7

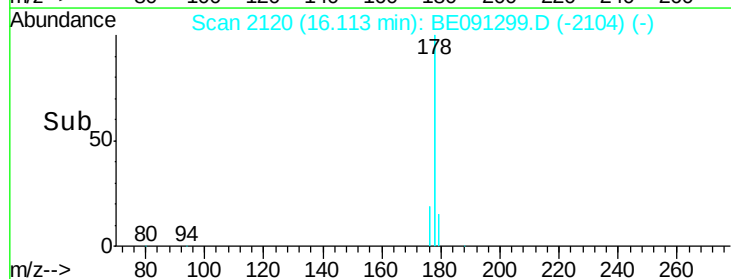
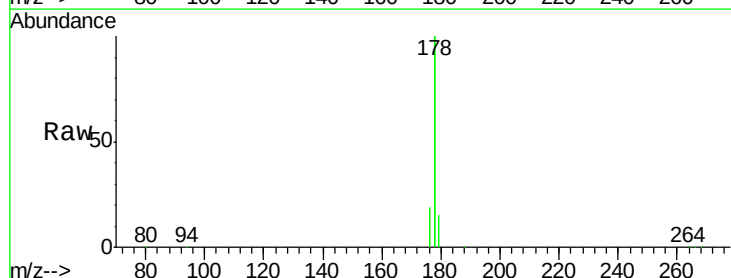
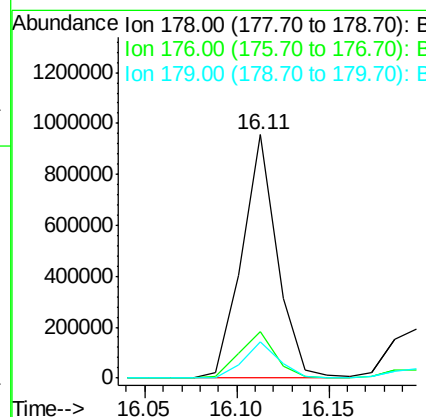
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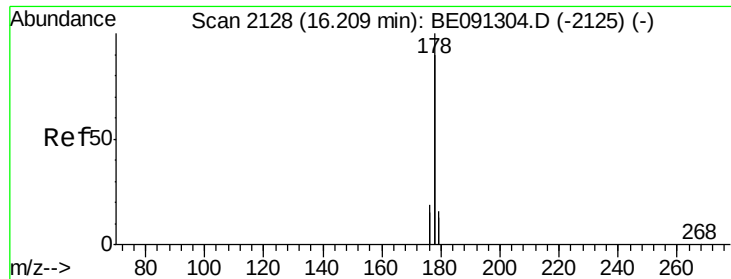
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#14
 Phenanthrene
 Concen: 9.42 ng/ul m
 RT: 16.11 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.0	12.8	19.2





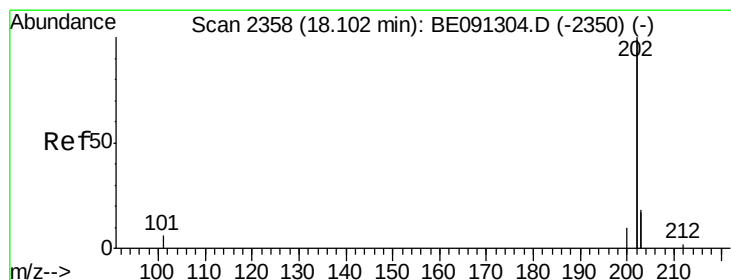
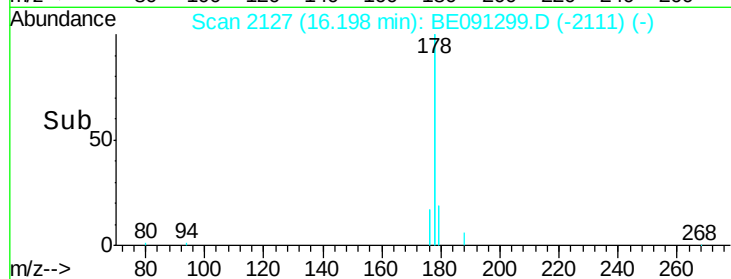
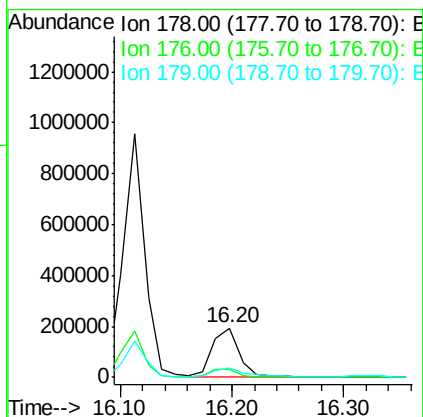
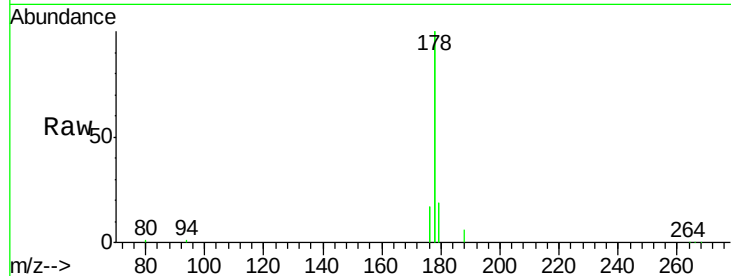
#15
 Anthracene
 Concen: 2.59 ng/ul
 RT: 16.20 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion:178 Resp: 315545
 Ion Ratio Lower Upper
 178 100
 176 17.4 15.8 23.8
 179 19.1 13.3 19.9

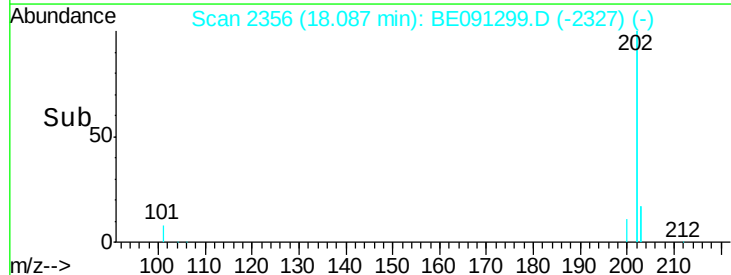
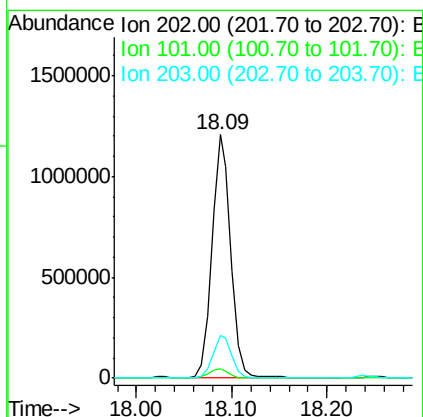
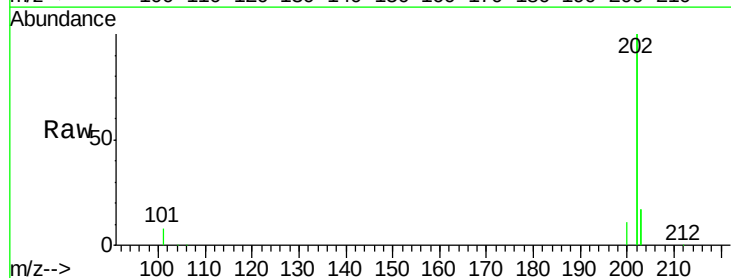
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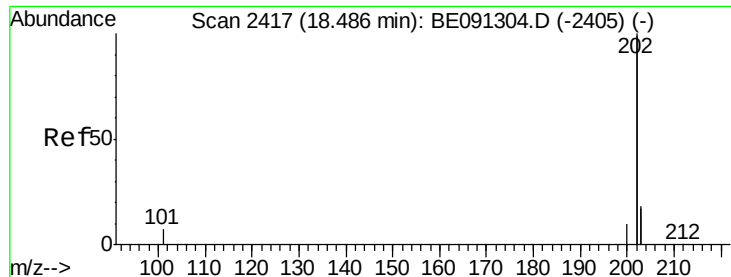
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#17
 Fluoranthene
 Concen: 10.57 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Tgt Ion:202 Resp: 1657824
 Ion Ratio Lower Upper
 202 100
 101 3.9 0.0 33.1
 203 17.4 0.0 37.2





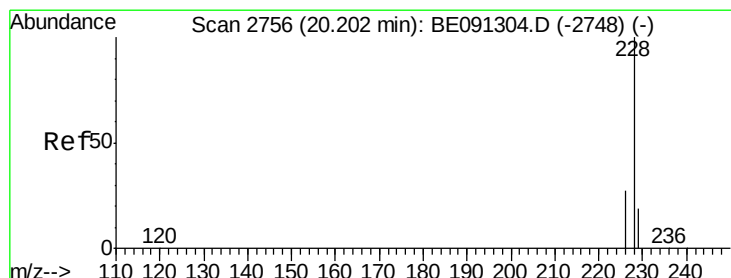
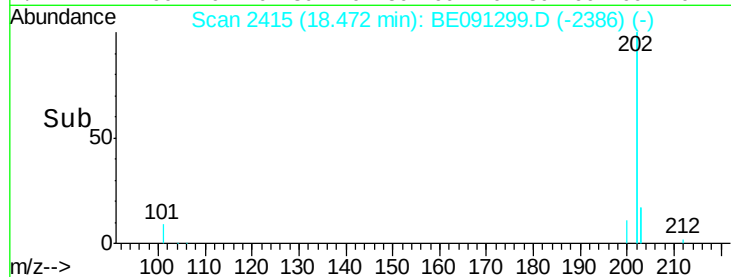
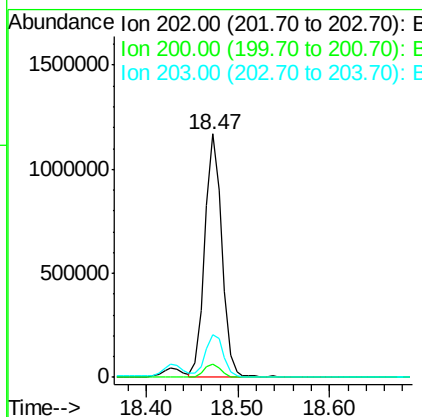
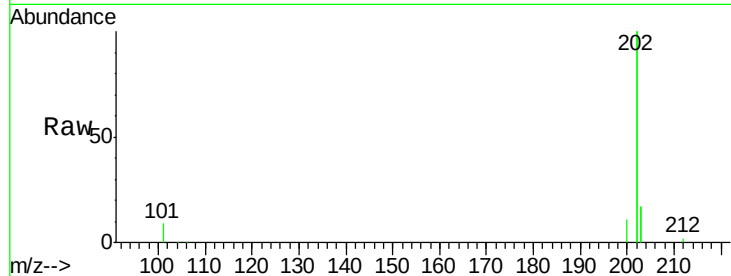
#19
 Pyrene
 Concen: 9.08 ng/ul
 RT: 18.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	17.4	13.8	20.6

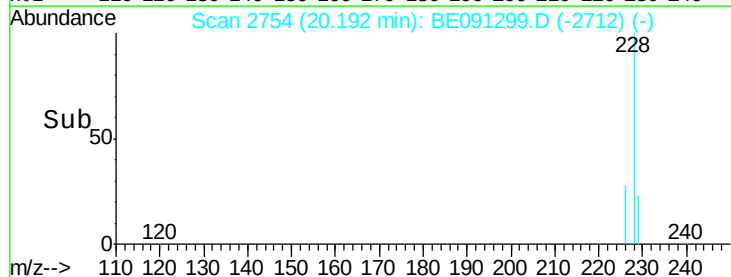
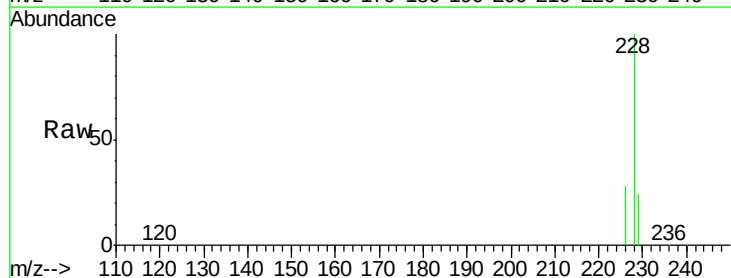
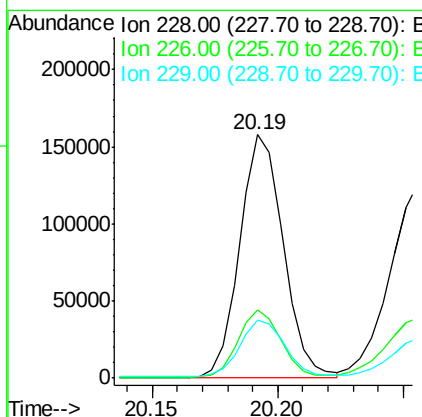
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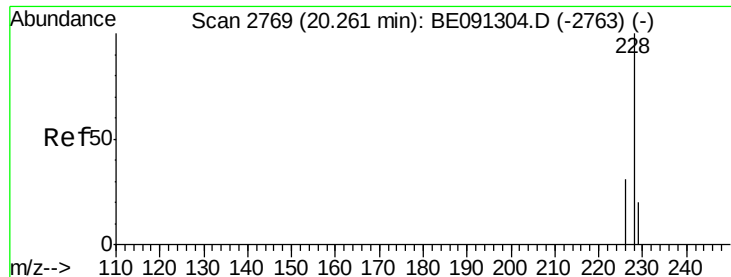
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#20
 Benzo(a)anthracene
 Concen: 5.06 ng/ul m
 RT: 20.19 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	23.6	15.2	22.8#





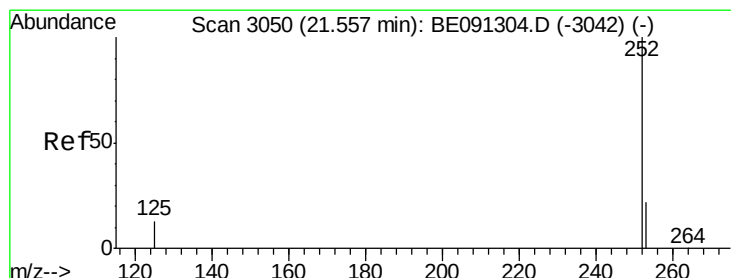
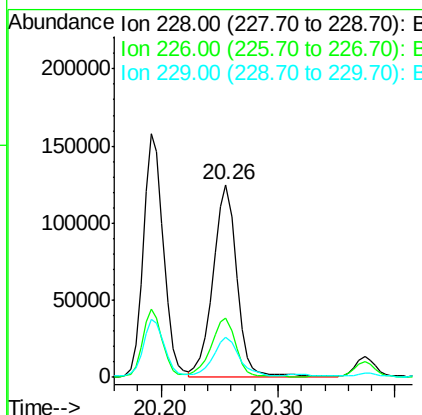
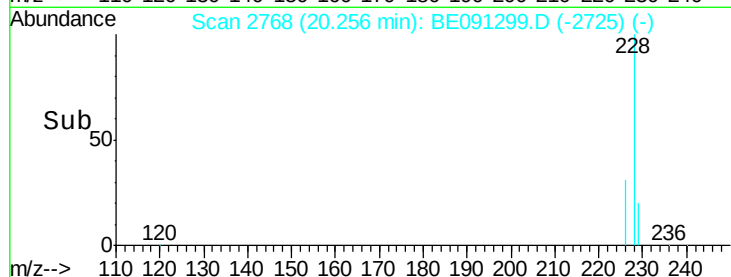
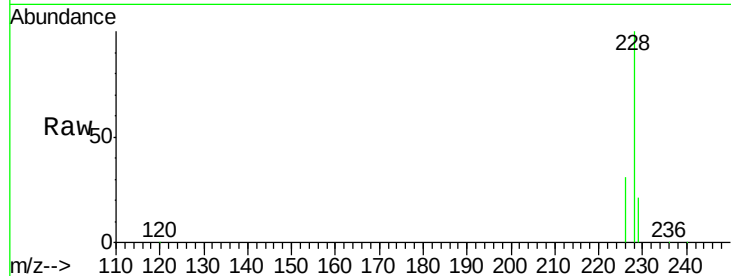
#21
Chrysene
Concen: 4.03 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BE091299.D
Acq: 23 Nov 2015 14:44

Instrument :
BNA_E
ClientSampleId :
A4HS0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	20.7	15.2	22.8

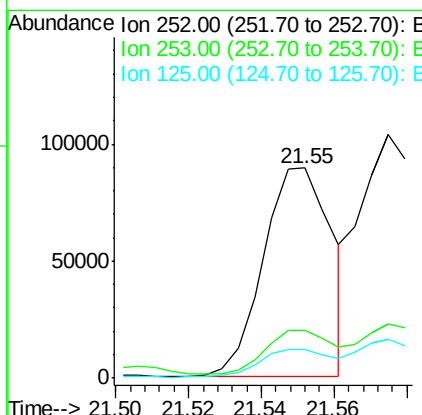
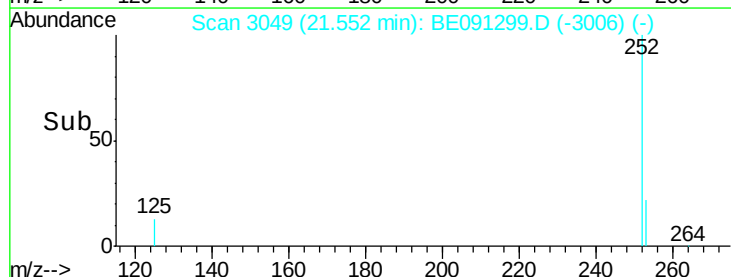
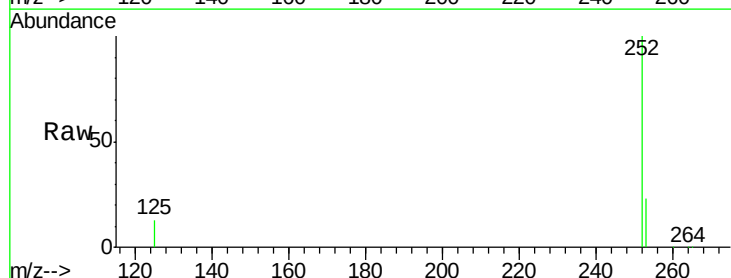
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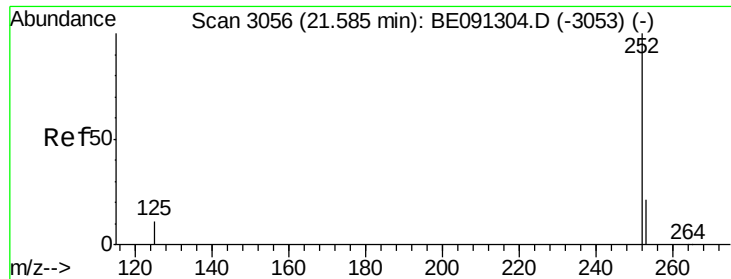
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#23
Benzo(b)fluoranthene
Concen: 2.34 ng/ul
RT: 21.55 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BE091299.D
Acq: 23 Nov 2015 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	48.0
125	13.4	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 2.71 ng/ul

RT: 21.57 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091299.D

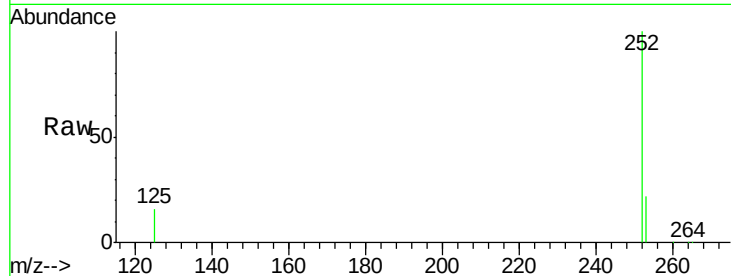
Acq: 23 Nov 2015 14:44

Instrument :

BNA_E

ClientSampleId :

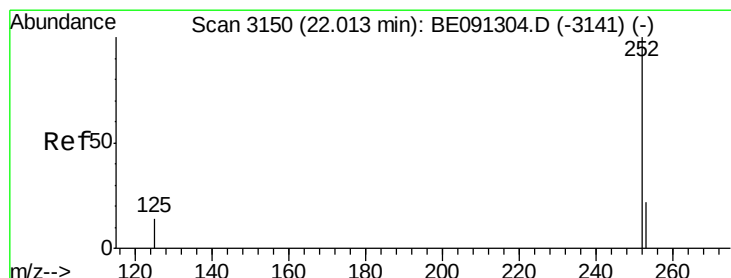
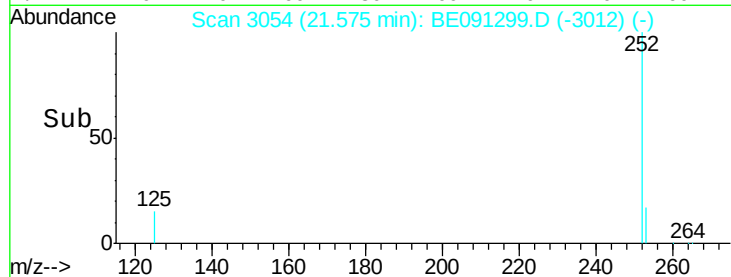
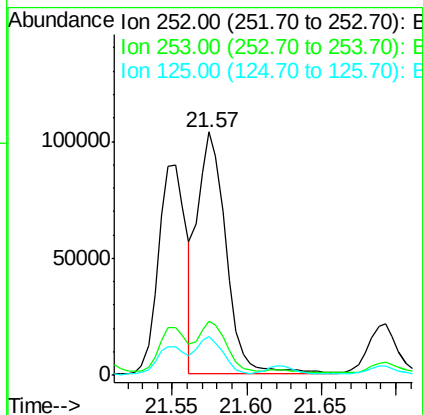
A4HS0



Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.8	31.2
125	15.8	12.2	18.4

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#25

Benzo(a)pyrene

Concen: 3.27 ng/ul m

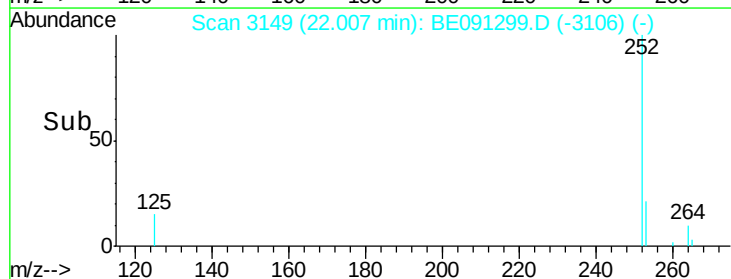
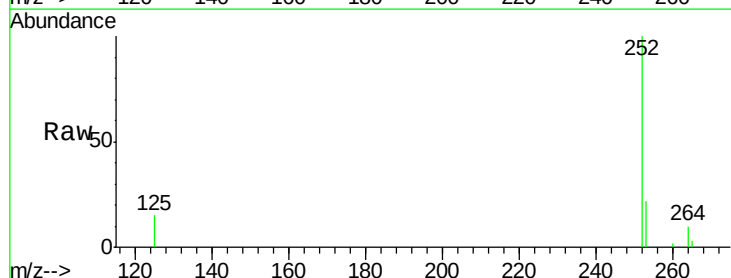
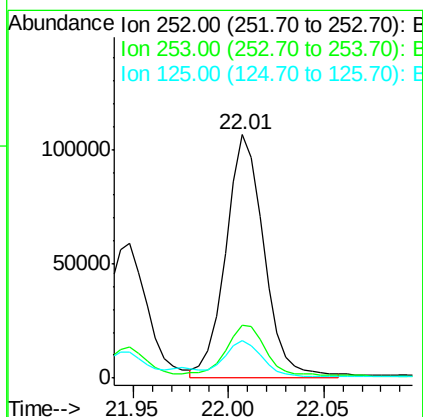
RT: 22.01 min Scan# 3149

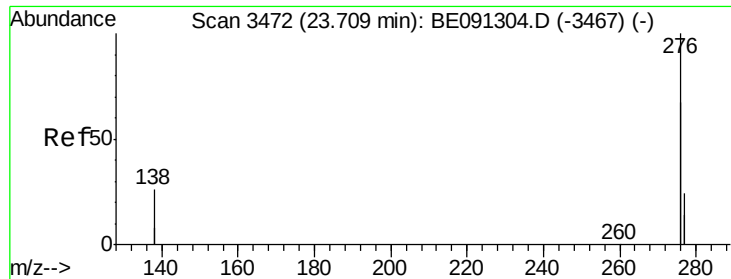
Delta R.T. -0.01 min

Lab File: BE091299.D

Acq: 23 Nov 2015 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	21.8	32.8#
125	15.5	14.5	21.7





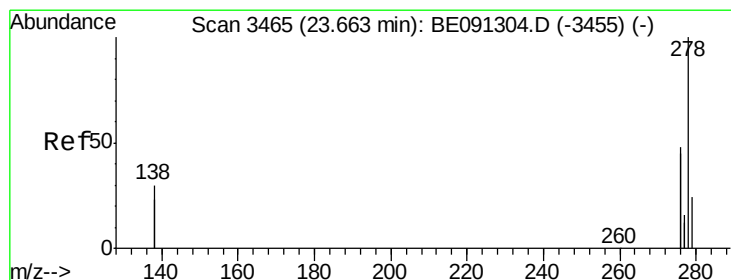
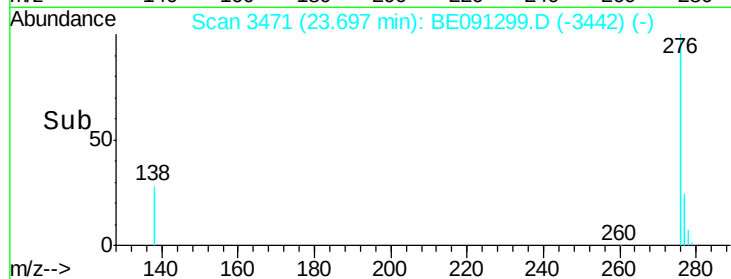
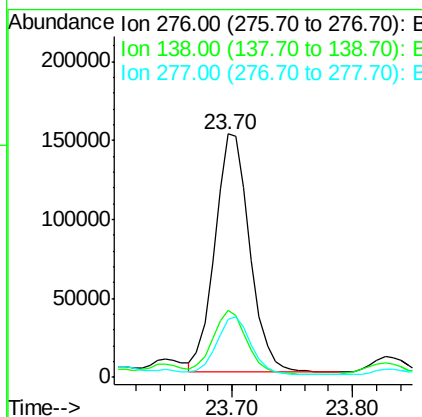
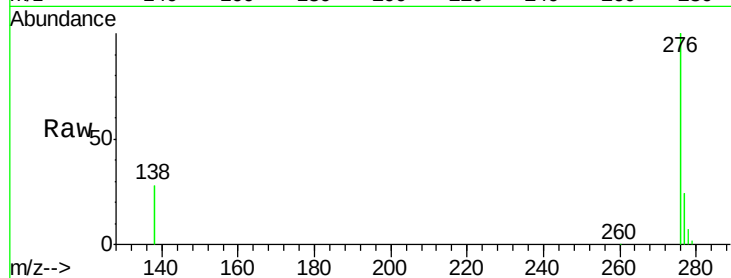
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 1.60 ng/ul
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Instrument :
 BNA_E
 ClientSampleId :
 A4HS0

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	27.5	41.3#
277	23.9	19.3	28.9

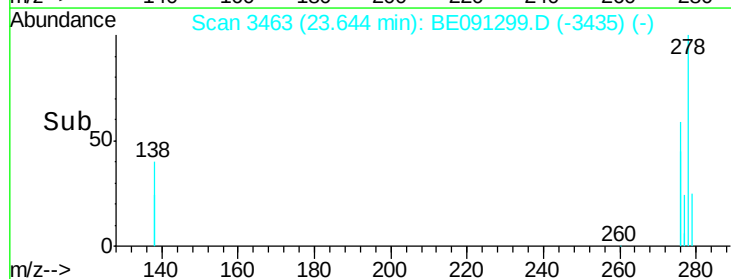
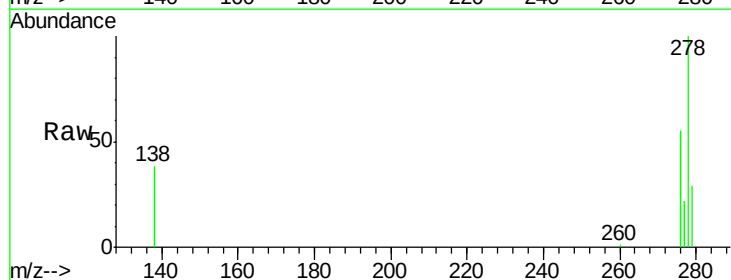
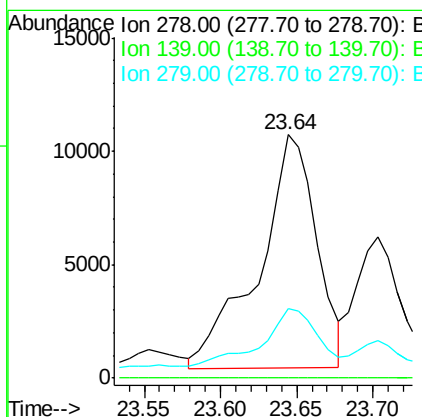
Manual Integrations
 APPROVED

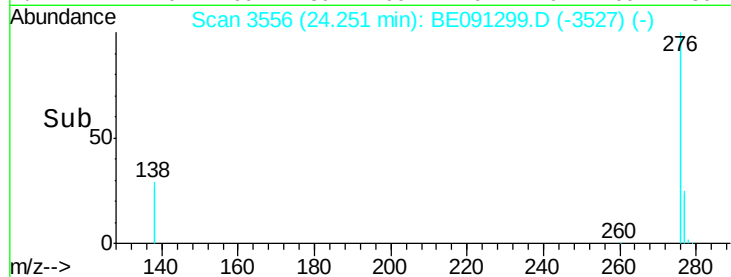
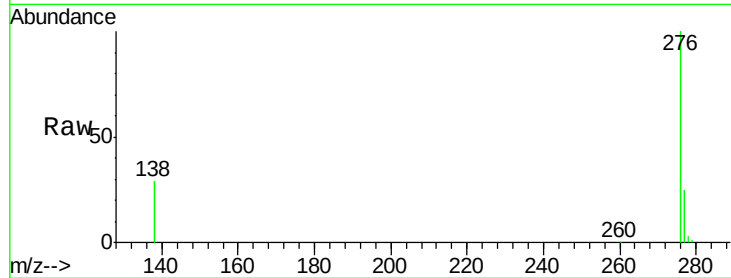
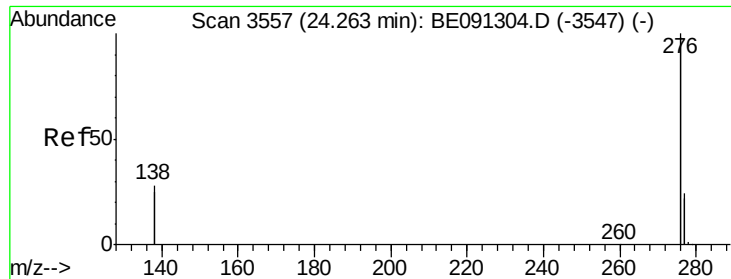
Mmdadoda
 11/24/2015 1:06:37 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.60 ng/ul
 RT: 23.64 min Scan# 3463
 Delta R.T. -0.02 min
 Lab File: BE091299.D
 Acq: 23 Nov 2015 14:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	28.5	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 1.31 ng/ul

RT: 24.25 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091299.D

Acq: 23 Nov 2015 14:44

Instrument :

BNA_E

ClientSampleId :

A4HS0

Tot Ion:	276	Resp:	263186
Ion Ratio	Lower	Upper	
276	100		
277	25.2	21.3	31.9
138	29.1	25.5	38.3

Manual Integrations
APPROVED

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11/24/2015 1:06:37 PM

