

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091298.D
 Acq On : 23 Nov 2015 13:30
 Operator : UM/NP
 Sample : G4322-08RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9RX

Manual Integrations
 APPROVED

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 11/24/2015 1:06:35 PM

Quant Time: Nov 24 02:22:24 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 00:31:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2959	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	14142	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	6737	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	16962	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	21242	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	21156	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	9054	4.25	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	1356	0.07	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	2886	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	106575	3.06	ng/ul	98
7) 2-Methylnaphthalene	11.13	142	4555	0.20	ng/ul	96
9) Acenaphthylene	13.11	152	3297	0.10	ng/ul	97
10) Acenaphthene	13.42	153	4789	0.21	ng/ul	90
11) Fluorene	14.41	166	6394	0.22	ng/ul#	90
14) Phenanthrene	16.11	178	714625	3.65	ng/ul	98
15) Anthracene	16.20	178	155482m	0.87	ng/ul	
17) Fluoranthene	18.09	202	852234	3.72	ng/ul	89
19) Pyrene	18.47	202	1224149	5.07	ng/ul#	78
20) Benzo(a)anthracene	20.19	228	129850m	2.38	ng/ul	
21) Chrysene	20.25	228	136253	2.17	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	68056	1.03	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	82798	1.22	ng/ul#	91
25) Benzo(a)pyrene	22.01	252	104794	1.72	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.70	276	197960	0.77	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	19090	0.31	ng/ul#	69
28) Benzo(g,h,i)perylene	24.25	276	213256	0.79	ng/ul	97

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

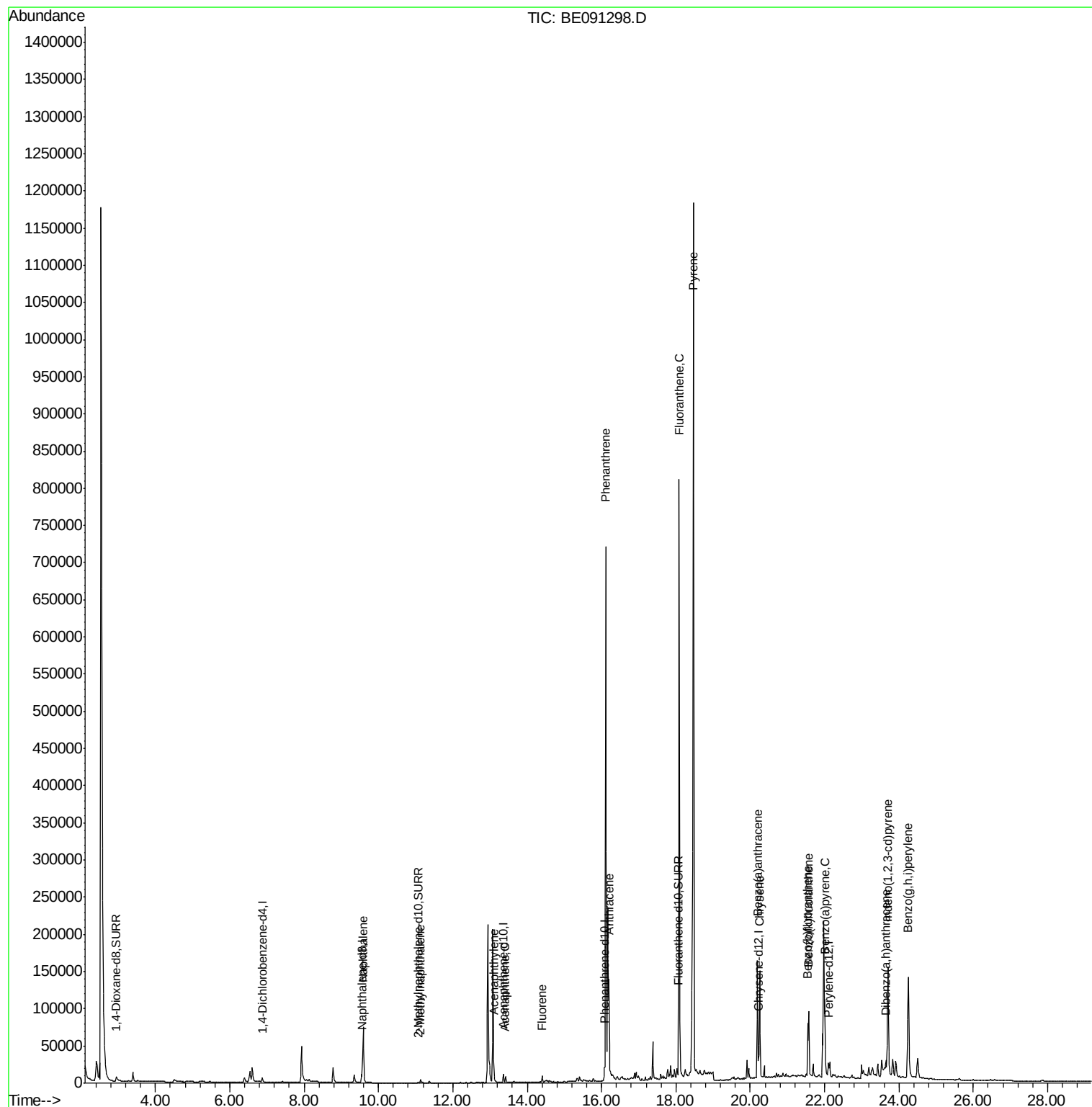
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
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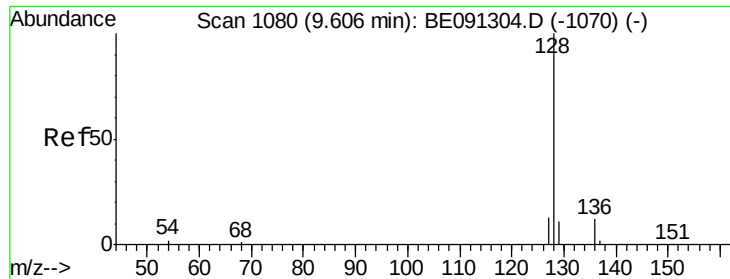
Instrument :
BNA_E
ClientSampleId :
A4HR9RX

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Tue Nov 24 00:31:29 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 3.06 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Instrument :

BNA_E

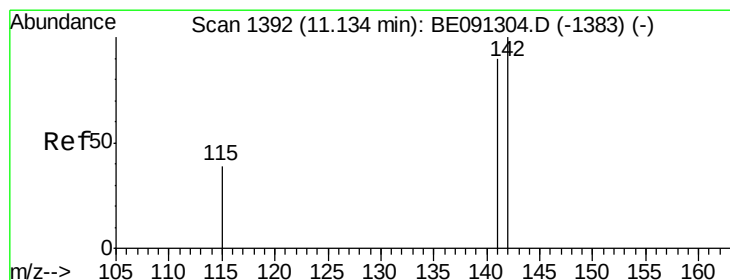
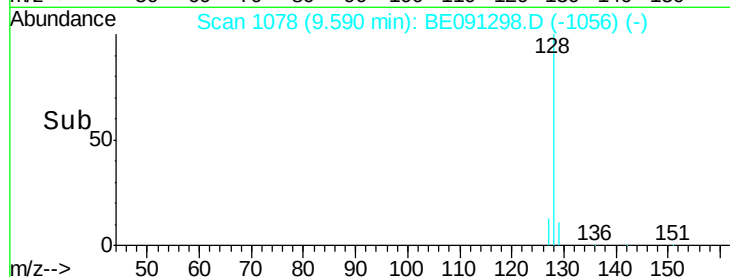
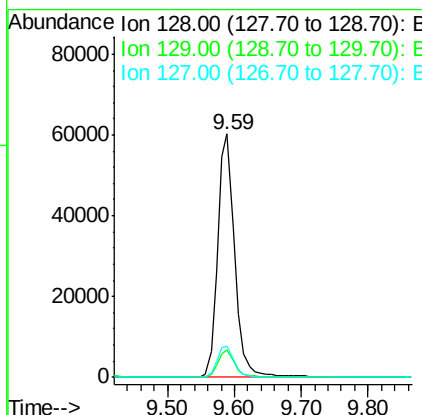
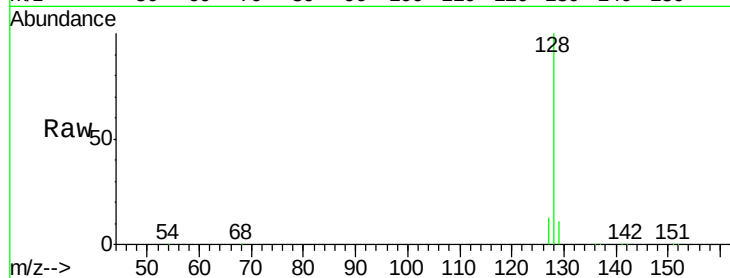
ClientSampleId :

A4HR9RX

Tot Ion:	128	Resp:	106575
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.8	14.8
127	12.8	10.7	16.1

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#7

2-Methylnaphthalene

Concen: 0.20 ng/ul

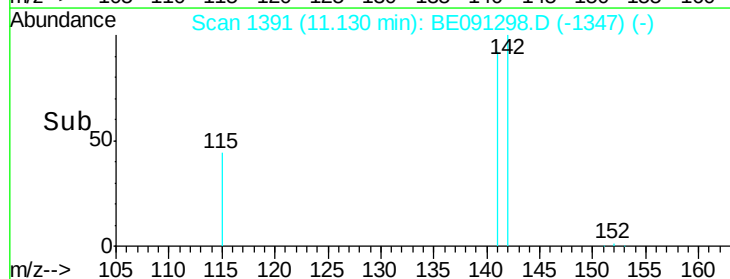
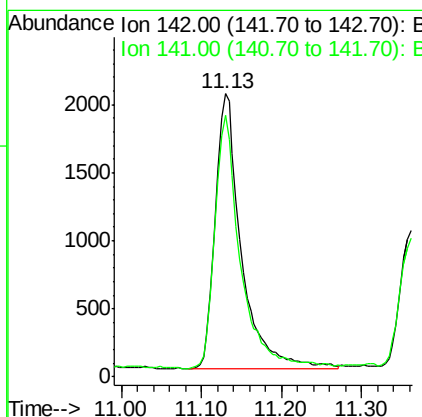
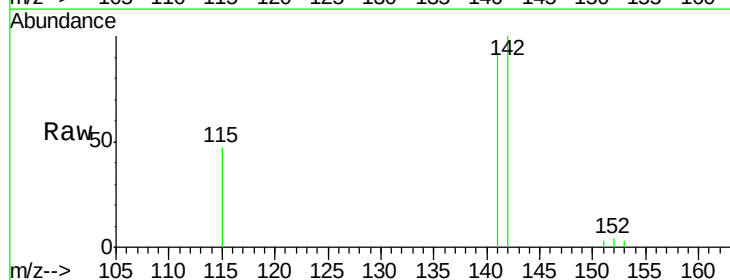
RT: 11.13 min Scan# 1391

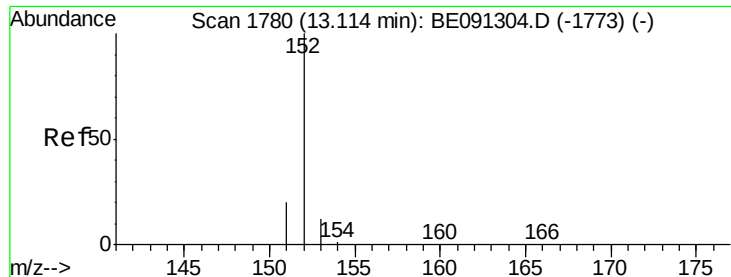
Delta R.T. -0.00 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Tgt Ion:	142	Resp:	4555
Ion Ratio	Lower	Upper	
142	100		
141	91.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.10 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Instrument :

BNA_E

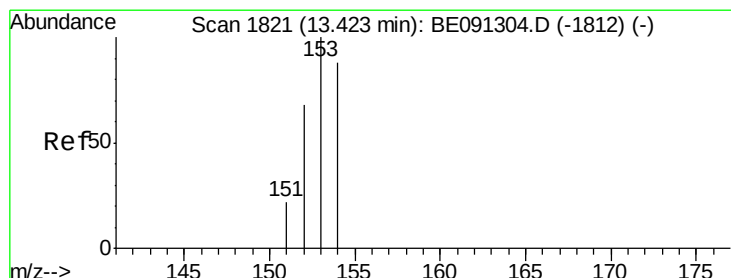
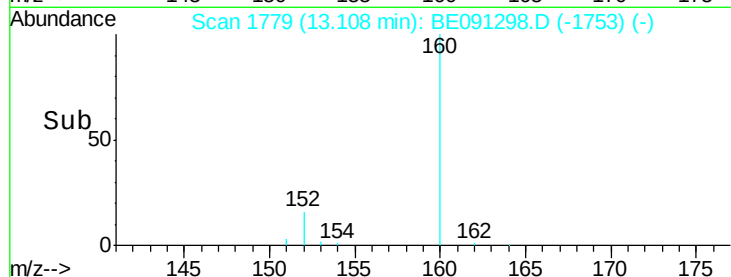
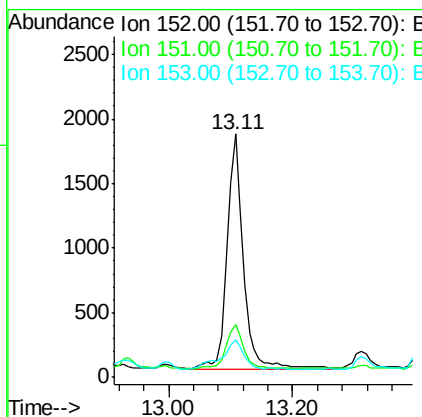
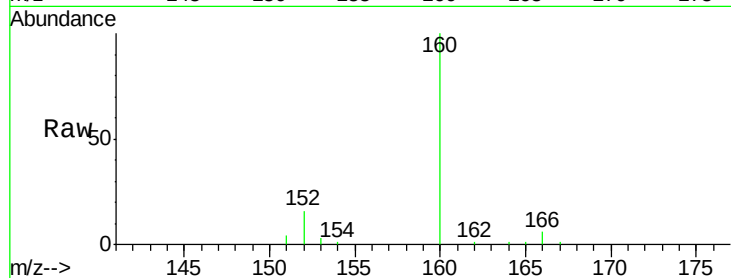
ClientSampleId :

A4HR9RX

Tot Ion:	152	Resp:	3297
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.8	25.2
153	15.6	11.3	16.9

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#10

Acenaphthene

Concen: 0.21 ng/ul

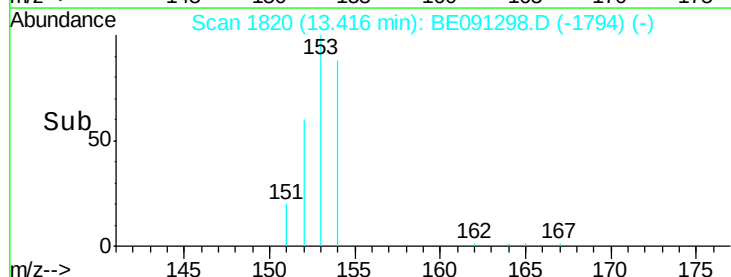
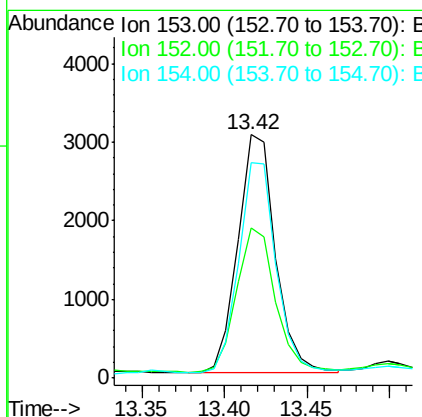
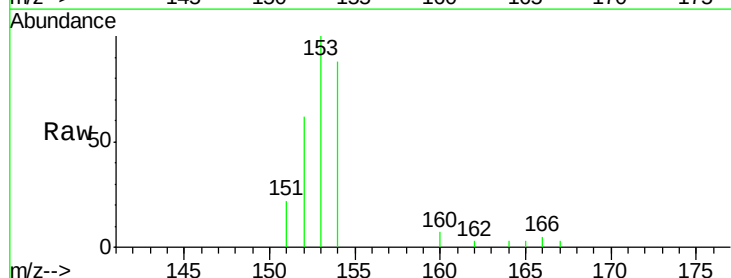
RT: 13.42 min Scan# 1820

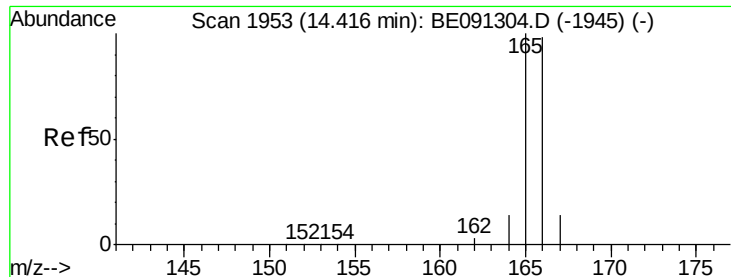
Delta R.T. -0.01 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Tgt Ion:	153	Resp:	4789
Ion Ratio	Lower	Upper	
153	100		
152	61.9	42.3	63.5
154	88.2	64.7	97.1





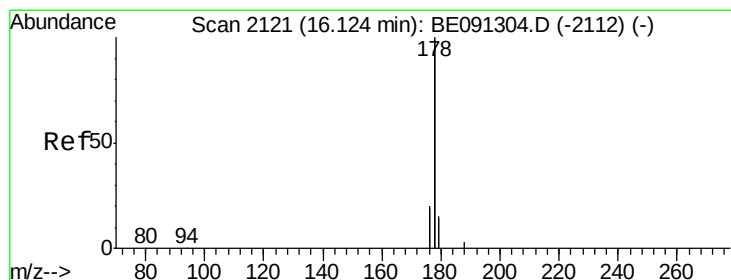
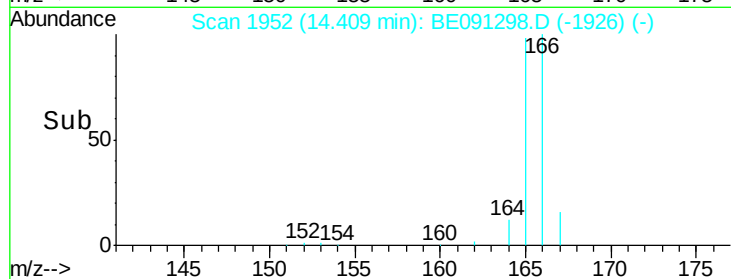
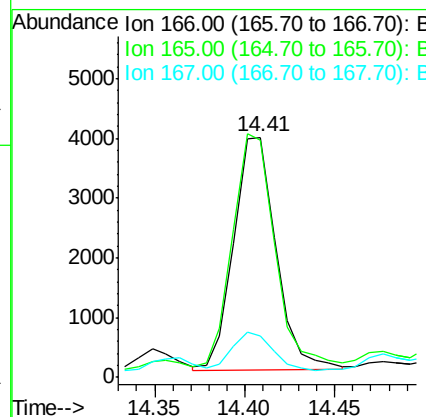
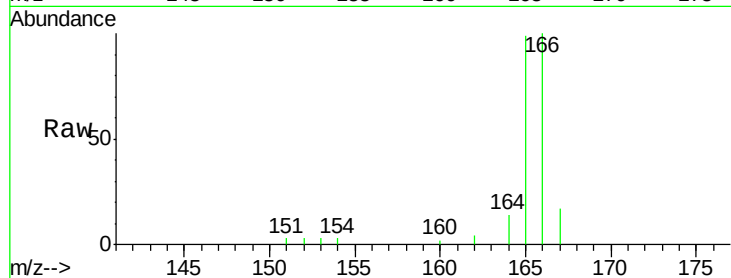
#11
 Fluorene
 Concen: 0.22 ng/ul
 RT: 14.41 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9RX

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	87.6	131.4
167	17.1	11.1	16.7#

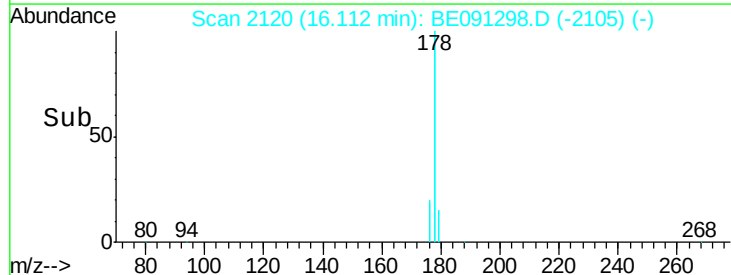
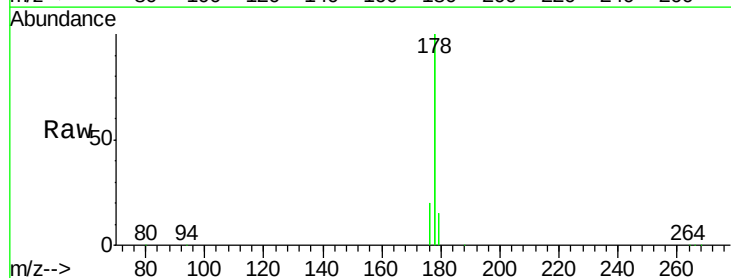
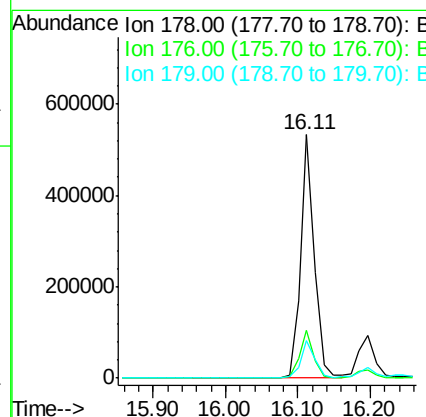
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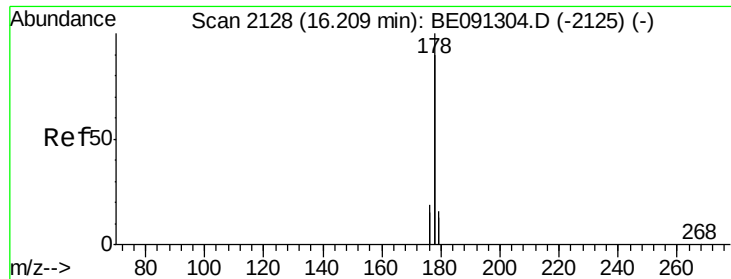
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#14
 Phenanthrene
 Concen: 3.65 ng/ul
 RT: 16.11 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.2	12.8	19.2





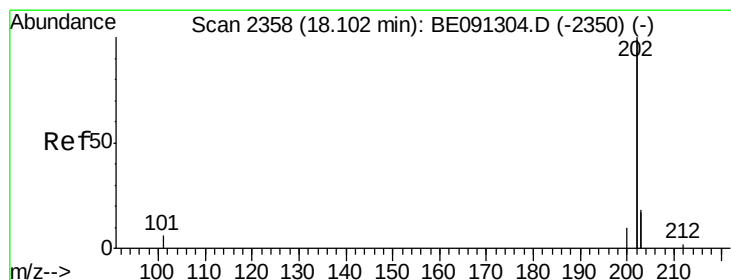
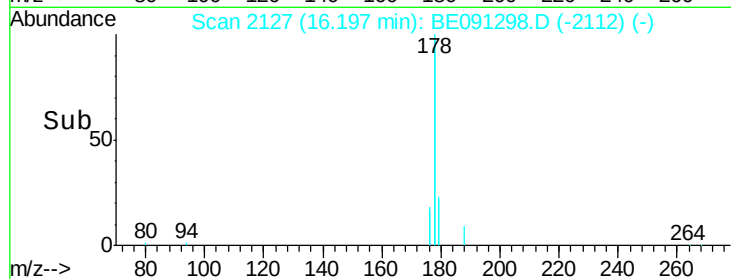
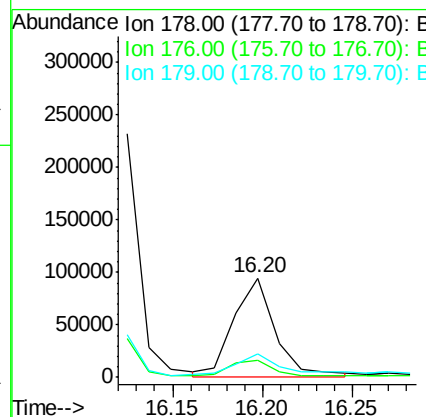
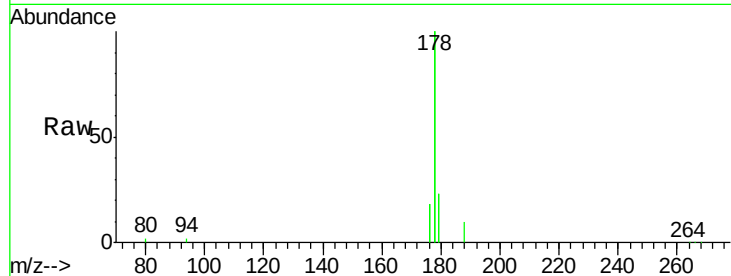
#15
 Anthracene
 Concen: 0.87 ng/ul m
 RT: 16.20 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	23.4	13.3	19.9

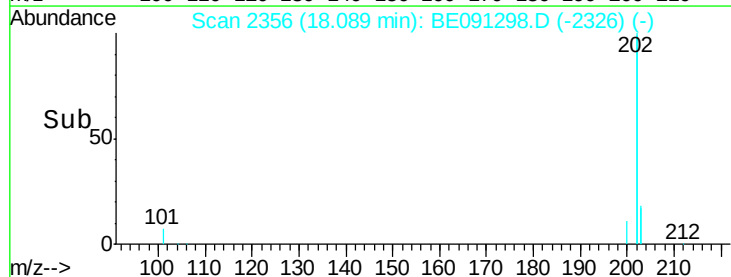
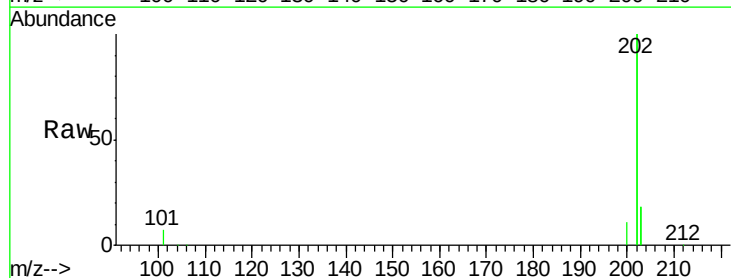
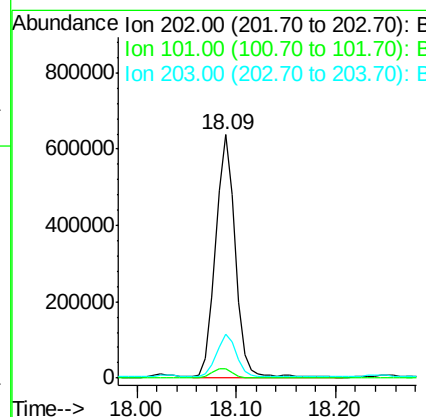
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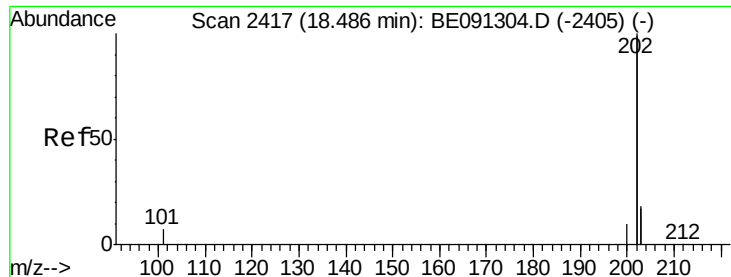
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#17
 Fluoranthene
 Concen: 3.72 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	18.0	0.0	37.2





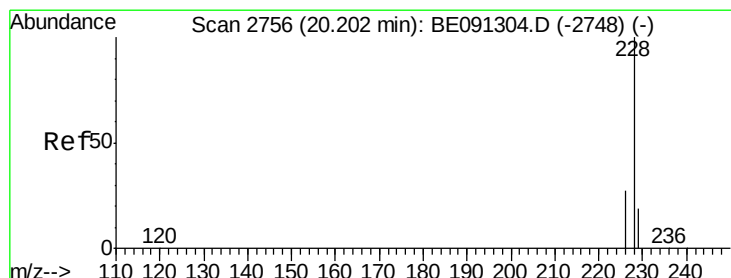
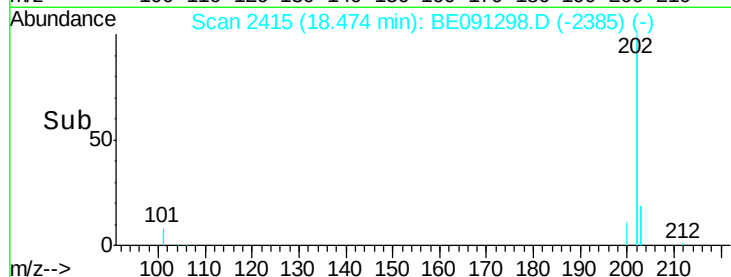
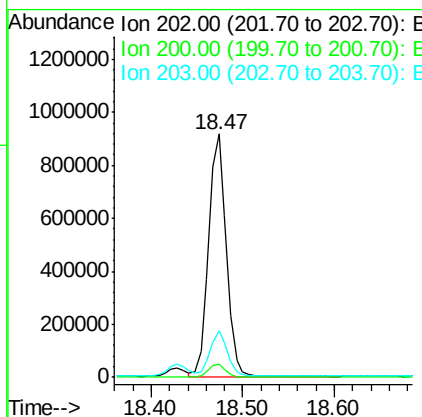
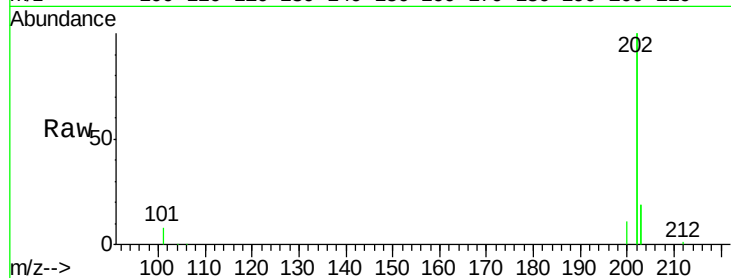
#19
Pvrene
Concen: 5.07 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091298.D
Acq: 23 Nov 2015 13:30

Instrument :
BNA_E
ClientSampleId :
A4HR9RX

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	18.9	13.8	20.6

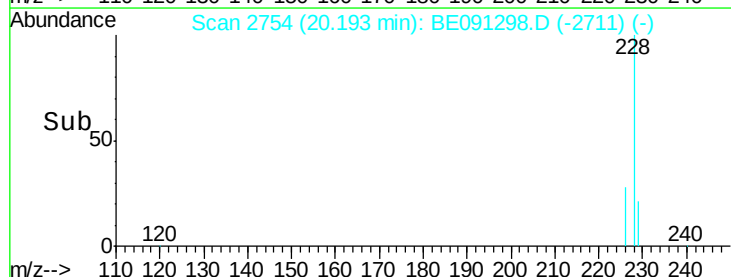
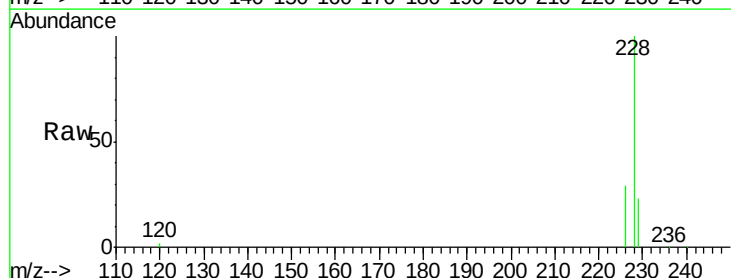
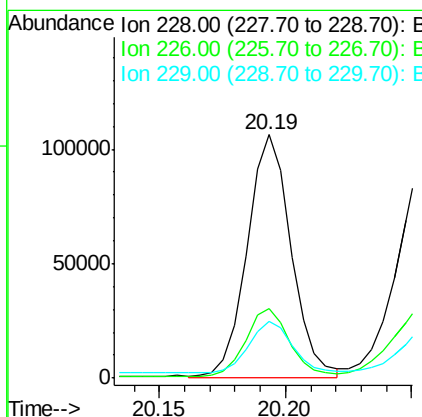
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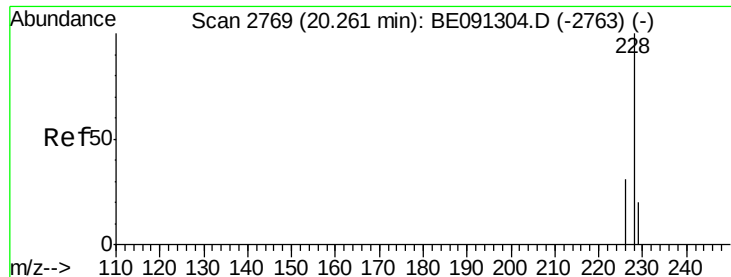
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#20
Benzo(a)anthracene
Concen: 2.38 ng/ul m
RT: 20.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE091298.D
Acq: 23 Nov 2015 13:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	23.2	15.2	22.8#





#21

Chrysene

Concen: 2.17 ng/ul

RT: 20.25 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Instrument :

BNA_E

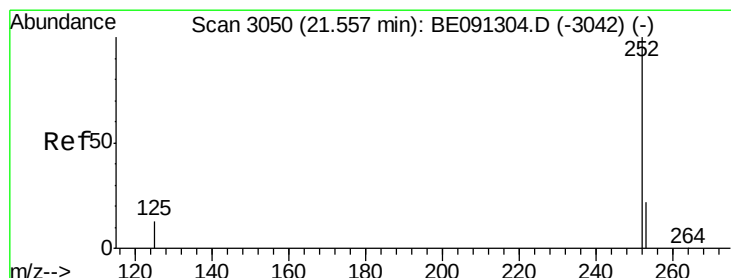
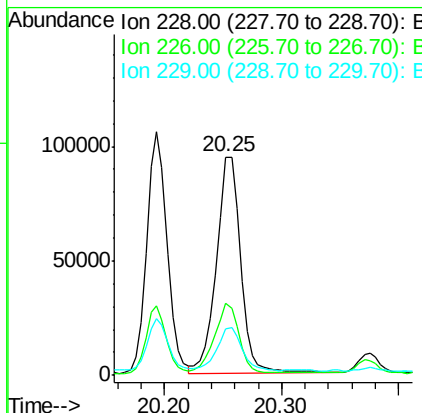
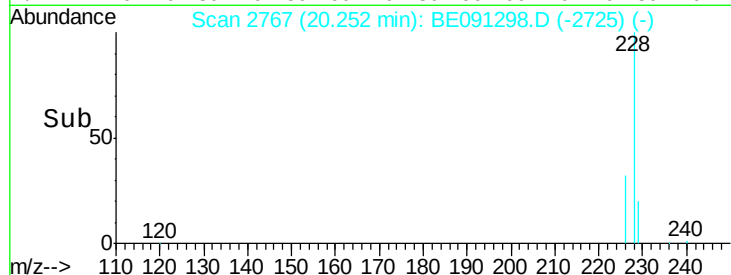
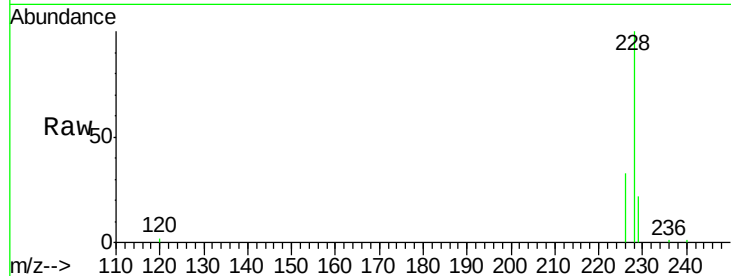
ClientSampleId :

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Tot Ion:	228	Resp:	136253
Ion Ratio	Lower	Upper	
228	100		
226	32.9	25.7	38.5
229	21.5	15.2	22.8

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#23

Benzo(b)fluoranthene

Concen: 1.03 ng/ul

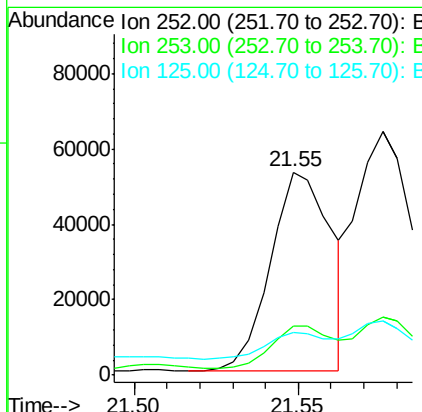
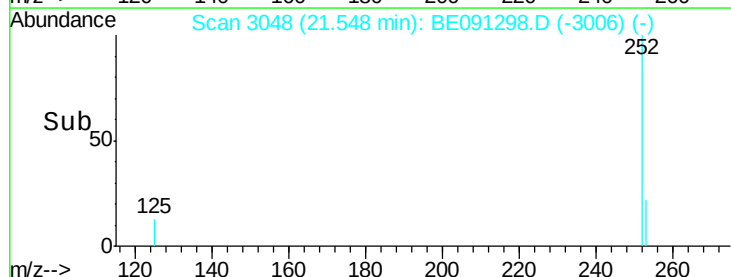
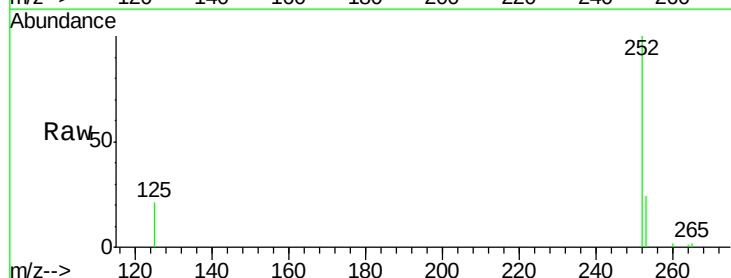
RT: 21.55 min Scan# 3048

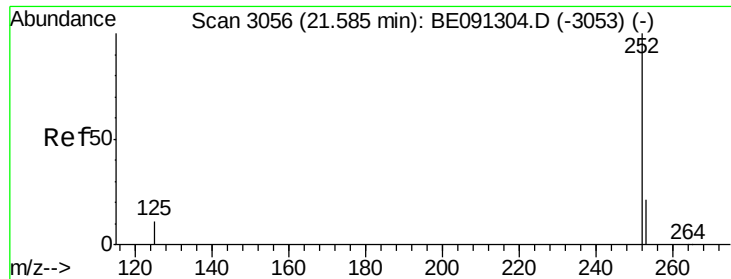
Delta R.T. -0.01 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Tgt Ion:	252	Resp:	68056
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	48.0
125	21.3	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 1.22 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091298.D

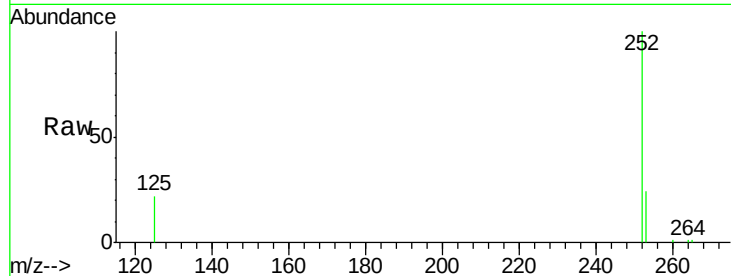
Acq: 23 Nov 2015 13:30

Instrument :

BNA_E

ClientSampleId :

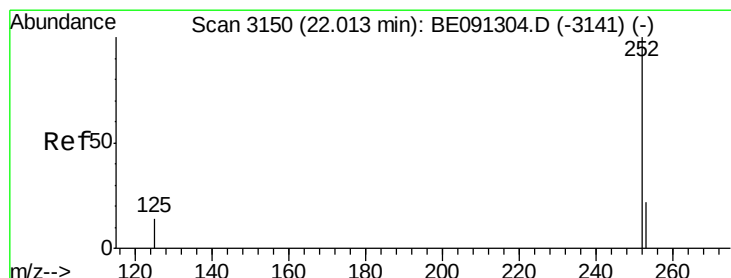
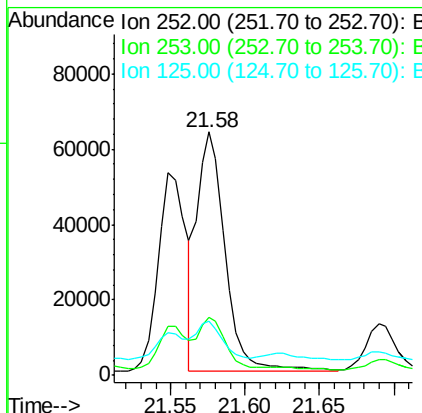
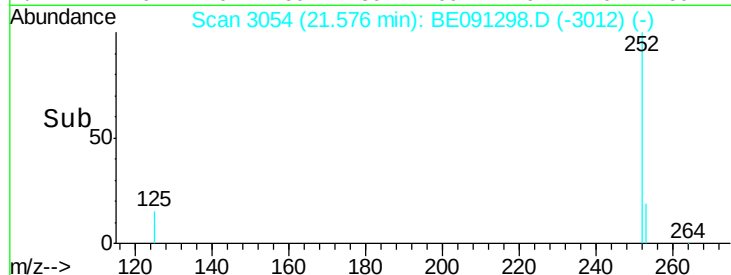
A4HR9RX



Tot Ion:	252	Resp:	82798
Ion Ratio	Lower	Upper	
252	100		
253	23.7	20.8	31.2
125	22.1	12.2	18.4#

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#25

Benzo(a)pyrene

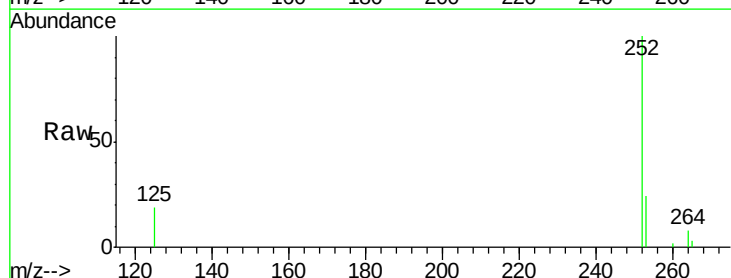
Concen: 1.72 ng/ul

RT: 22.01 min Scan# 3149

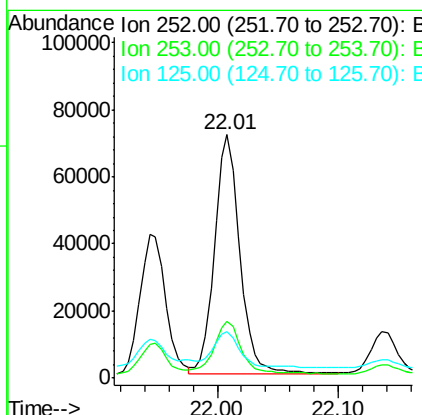
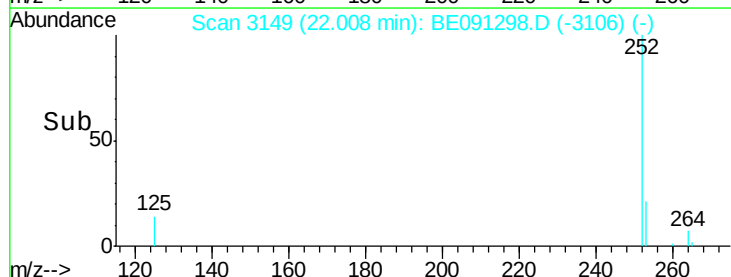
Delta R.T. -0.00 min

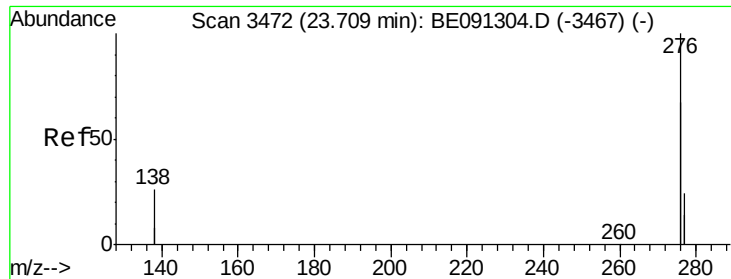
Lab File: BE091298.D

Acq: 23 Nov 2015 13:30



Tgt Ion:	252	Resp:	104794
Ion Ratio	Lower	Upper	
252	100		
253	23.5	21.8	32.8
125	19.1	14.5	21.7





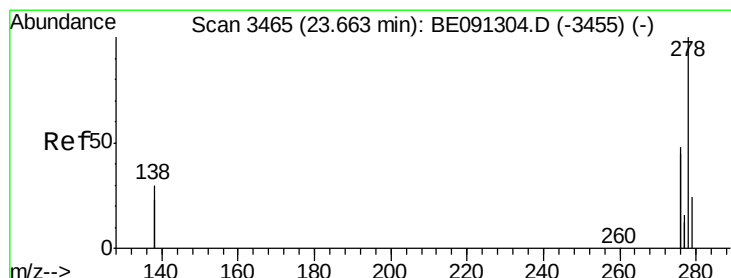
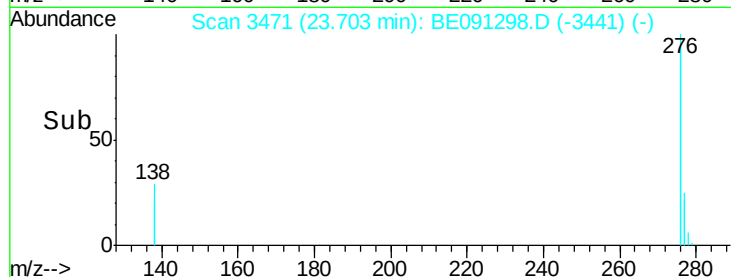
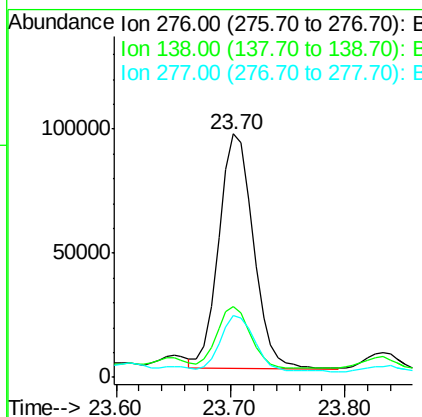
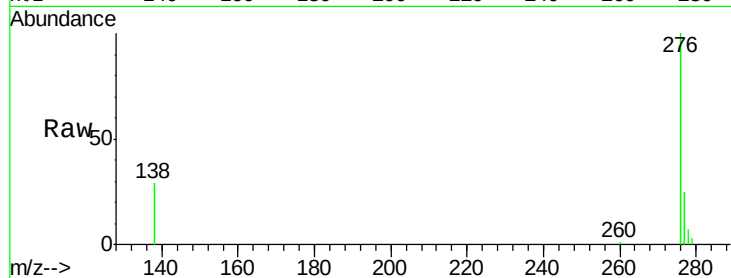
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.77 ng/ul
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9RX

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	27.5	41.3#
277	23.4	19.3	28.9

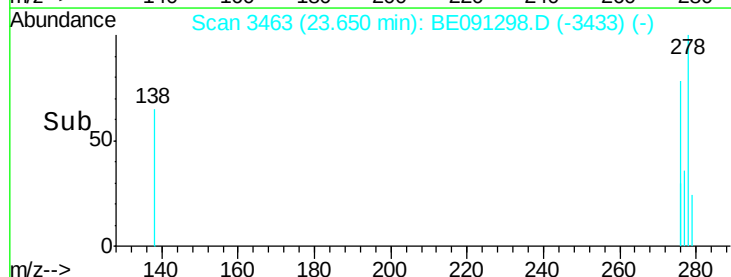
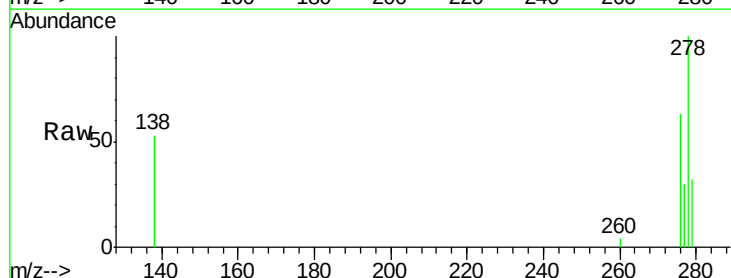
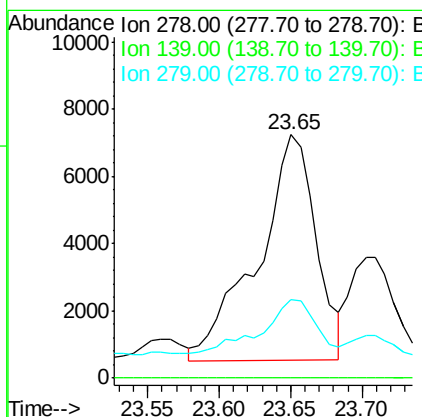
Manual Integrations
 APPROVED

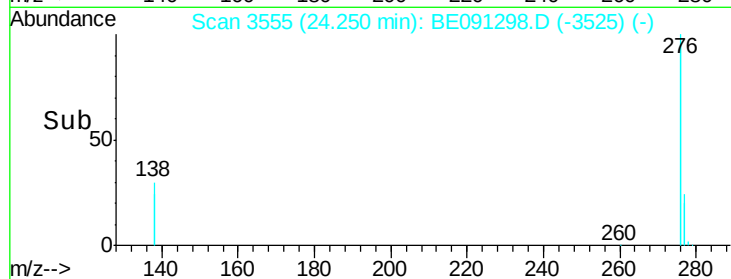
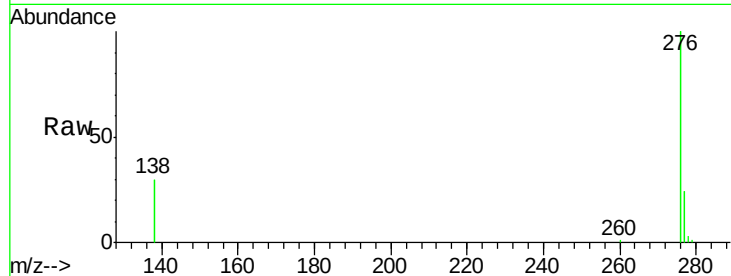
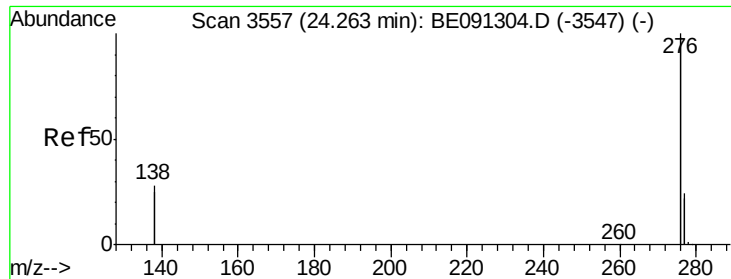
Mmdadoda
 11/24/2015 1:06:35 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.31 ng/ul
 RT: 23.65 min Scan# 3463
 Delta R.T. -0.01 min
 Lab File: BE091298.D
 Acq: 23 Nov 2015 13:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	32.2	21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 0.79 ng/ul

RT: 24.25 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BE091298.D

Acq: 23 Nov 2015 13:30

Instrument :

BNA_E

ClientSampleId :

A4HR9RX

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	21.3	31.9
138	30.3	25.5	38.3

Manual Integrations
APPROVED

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11/24/2015 1:06:35 PM

