

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
 Data File : BE091310.D
 Acq On : 23 Nov 2015 21:24
 Operator : UM/NP
 Sample : G4345-06RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J48RX

Manual Integrations
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 11/24/2015 1:06:52 PM

Quant Time: Nov 24 03:14:33 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	2283	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	11125	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	5924	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.08	188	16750	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	20692	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	20531	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.94	96	7305	4.45	ng/uL	-0.01
6) 2-Methylnaphthalene-d10	11.06	152	1552	0.10	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	4261	0.09	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.59	128	5022	0.18	ng/ul	97
7) 2-Methylnaphthalene	11.13	142	1681	0.09	ng/ul	99
9) Acenaphthylene	13.11	152	8501	0.29	ng/ul	98
10) Acenaphthene	13.42	153	7772	0.38	ng/ul#	88
11) Fluorene	14.40	166	10259	0.39	ng/ul	96
14) Phenanthrene	16.11	178	826150	4.27	ng/ul	99
15) Anthracene	16.20	178	165408	0.94	ng/ul	95
17) Fluoranthene	18.09	202	1548329	6.84	ng/ul	89
19) Pyrene	18.47	202	1454122	6.19	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	165058m	3.11	ng/ul	
21) Chrysene	20.26	228	190836	3.12	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	142864	2.23	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	155878	2.37	ng/ul	94
25) Benzo(a)pyrene	22.01	252	166778	2.82	ng/ul	92
26) Indeno(1,2,3-cd)pyrene	23.70	276	408338	1.64	ng/ul#	91
27) Dibenzo(a,h)anthracene	23.64	278	31943	0.54	ng/ul#	73
28) Benzo(g,h,i)perylene	24.25	276	430172	1.65	ng/ul	95

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

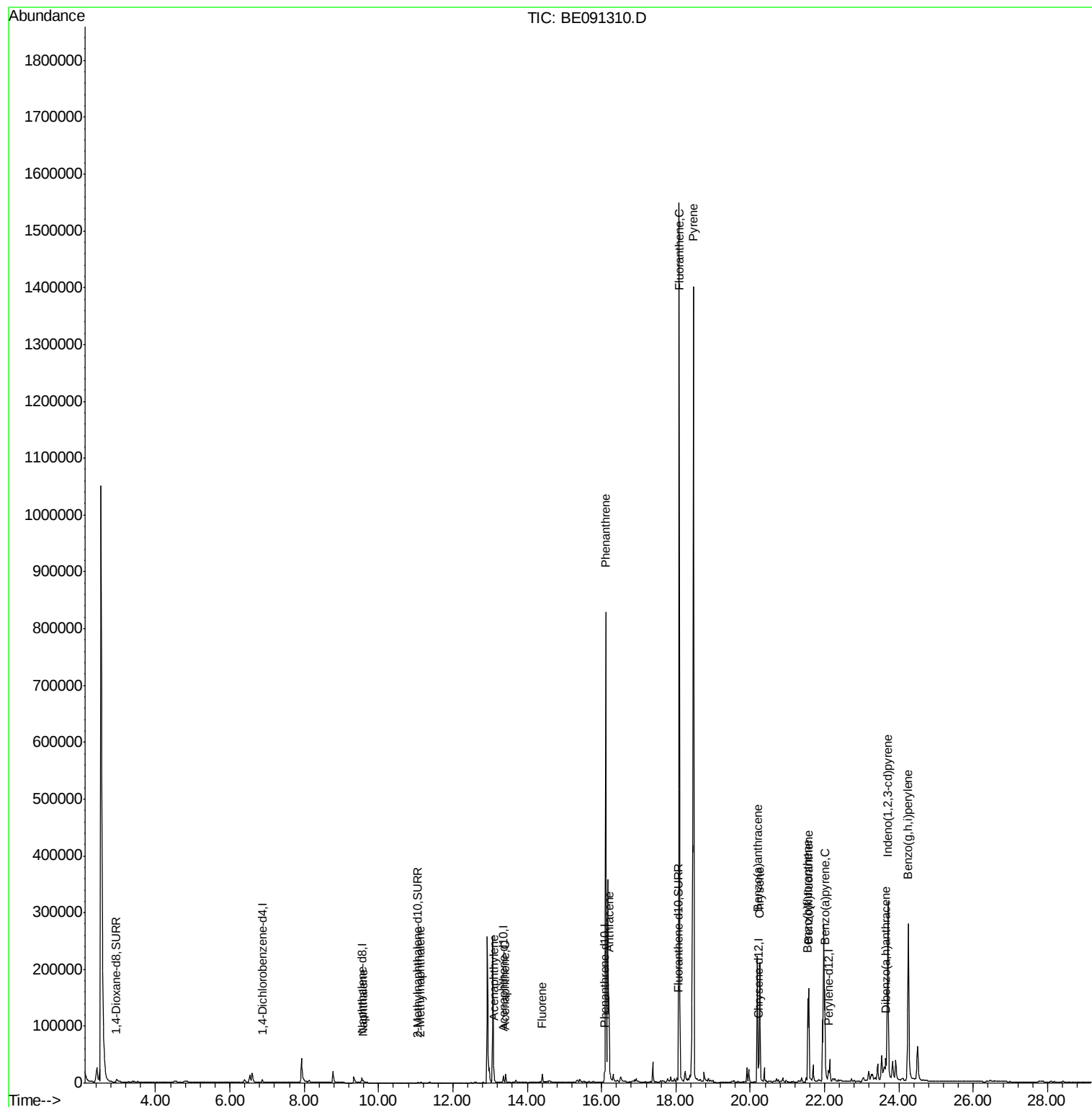
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
Data File : BE091310.D
Acq On : 23 Nov 2015 21:24
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Sample : G4345-06RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

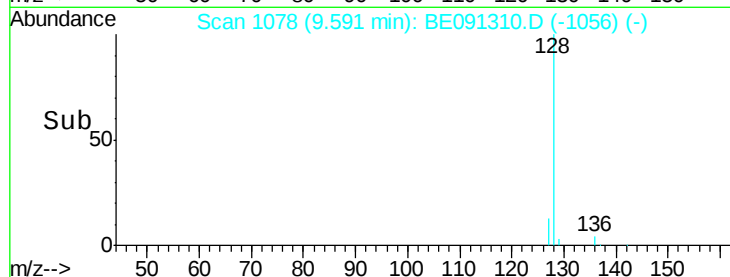
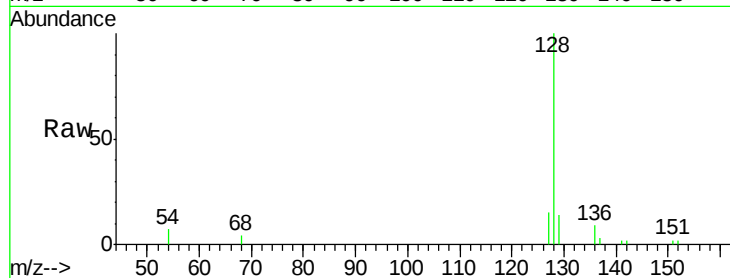
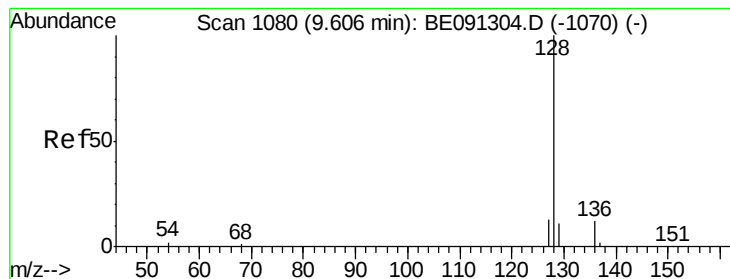
Instrument :
BNA_E
ClientSampleId :
A4J48RX

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Quant Time: Nov 24 03:14:33 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





#5

Naphthalene

Concen: 0.18 ng/ul

RT: 9.59 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tot Ion:	128	Resp:	5022
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.8	14.8
127	14.6	10.7	16.1

Instrument :

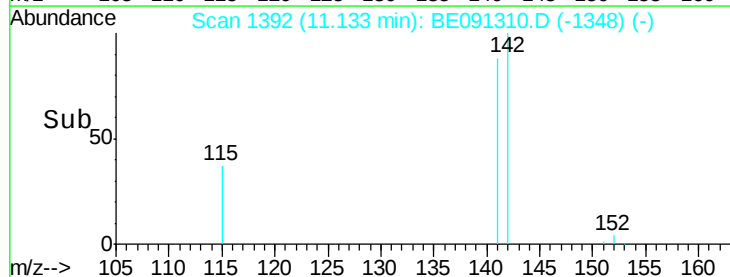
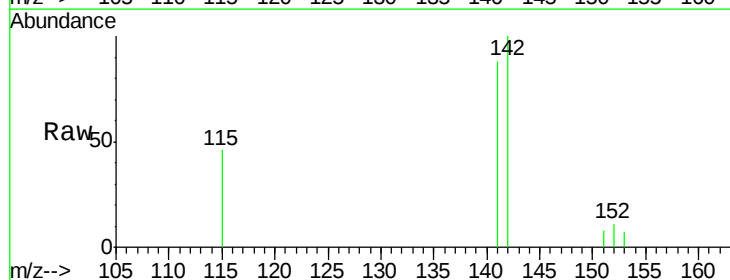
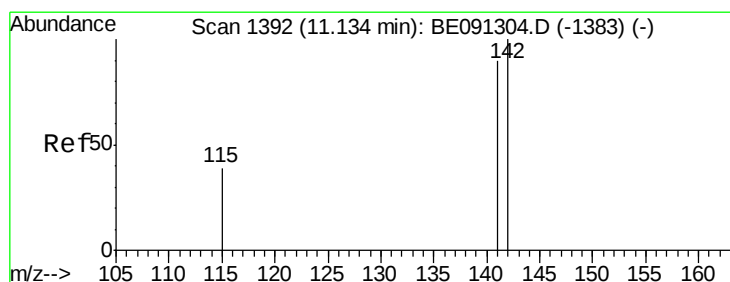
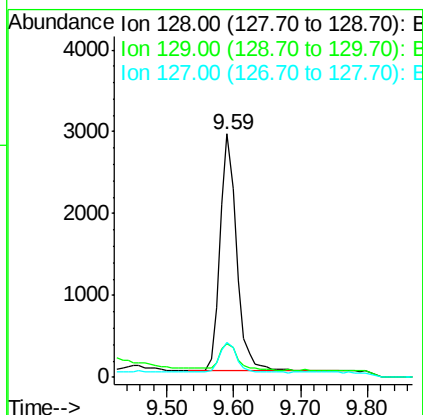
BNA_E

ClientSampleId :

A4J48RX

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#7

2-Methylnaphthalene

Concen: 0.09 ng/ul

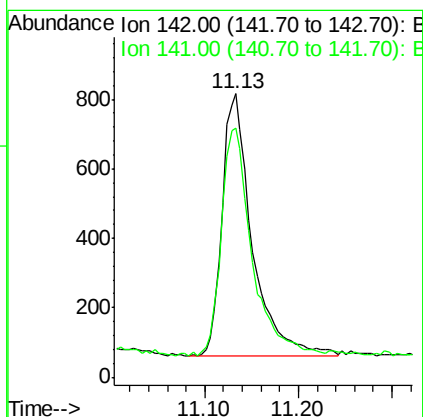
RT: 11.13 min Scan# 1392

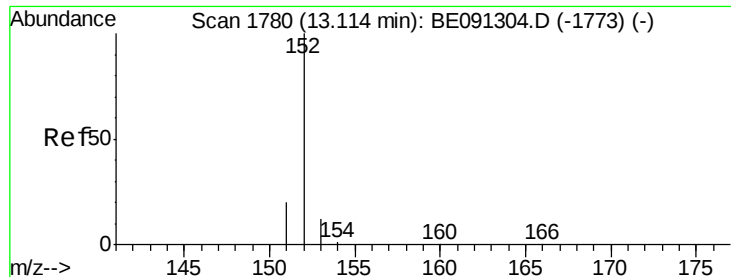
Delta R.T. -0.00 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tgt Ion:	142	Resp:	1681
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.3	105.5





#9

Acenaphthylene

Concen: 0.29 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Instrument :

BNA_E

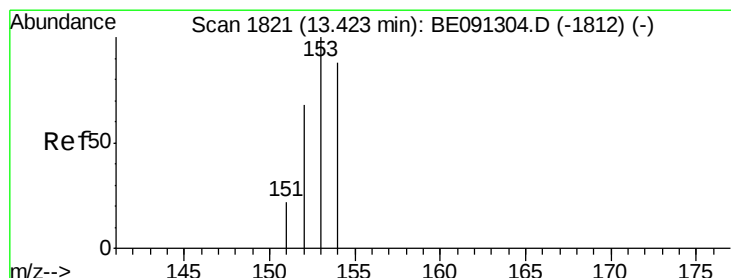
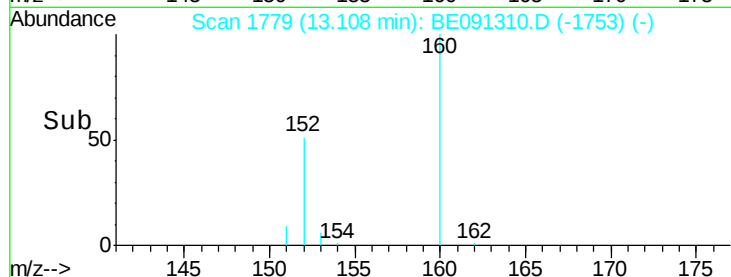
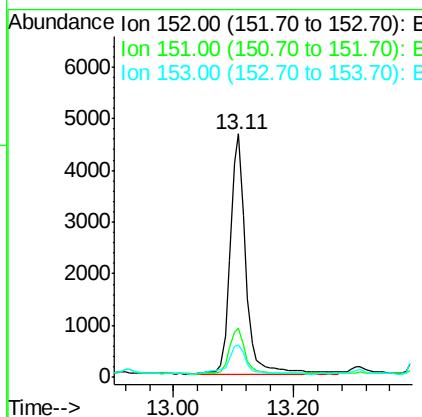
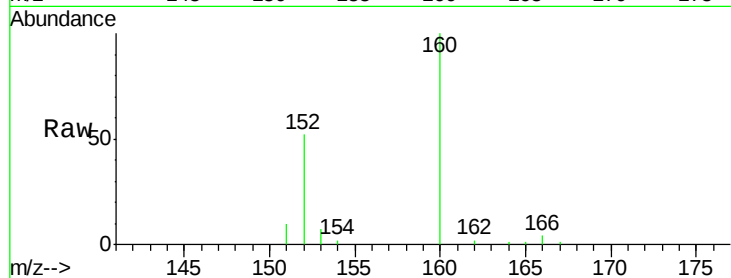
ClientSampleId :

A4J48RX

Tot Ion:	152	Resp:	8501
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	13.4	11.3	16.9

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#10

Acenaphthene

Concen: 0.38 ng/ul

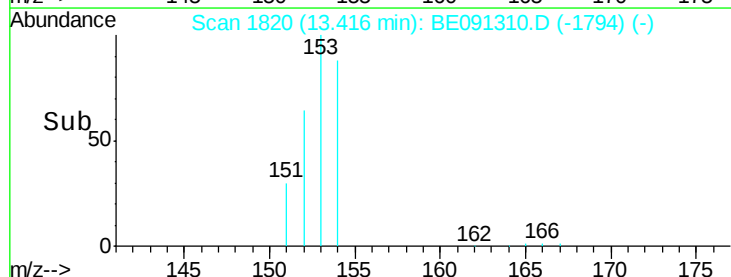
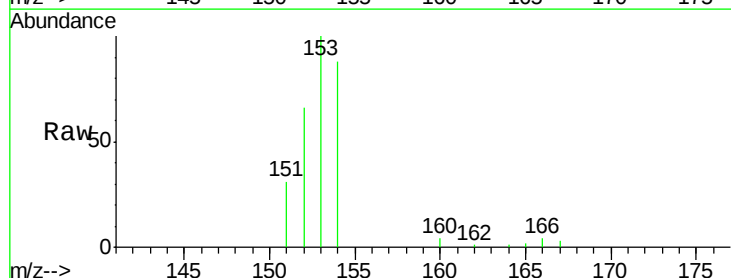
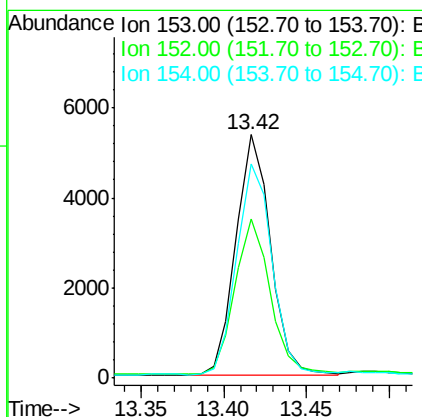
RT: 13.42 min Scan# 1820

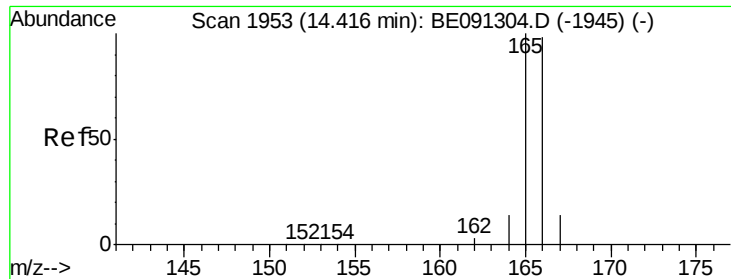
Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tgt Ion:	153	Resp:	7772
Ion Ratio	Lower	Upper	
153	100		
152	65.5	42.3	63.5#
154	87.9	64.7	97.1





#11

Fluorene

Concen: 0.39 ng/ul

RT: 14.40 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BE091310.D

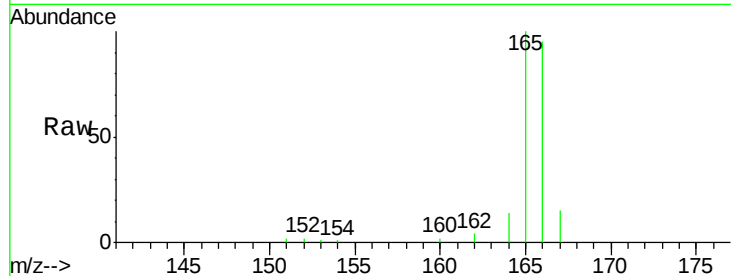
Acq: 23 Nov 2015 21:24

Instrument :

BNA_E

ClientSampleId :

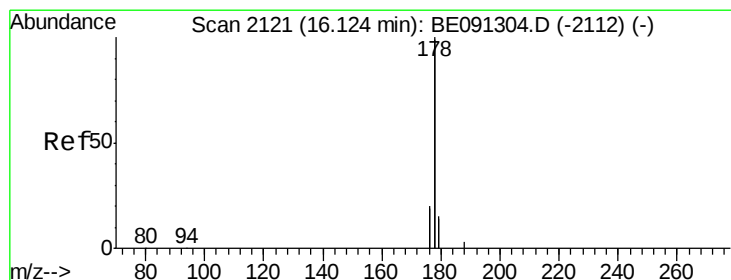
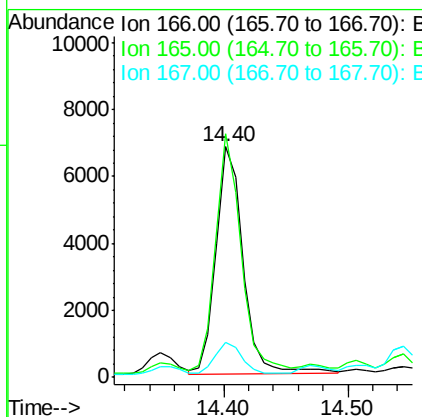
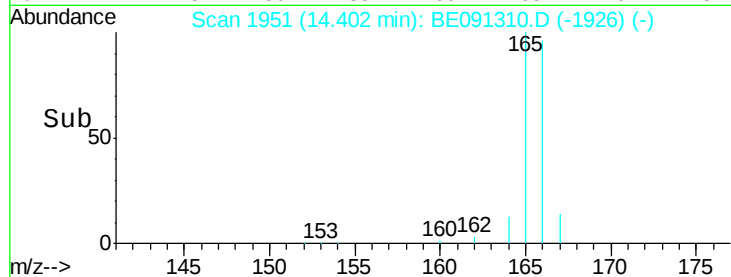
A4J48RX



Tot Ion:	166	Resp:	10259
Ion	Ratio	Lower	Upper
166	100		
165	105.7	87.6	131.4
167	15.4	11.1	16.7

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#14

Phenanthrene

Concen: 4.27 ng/ul

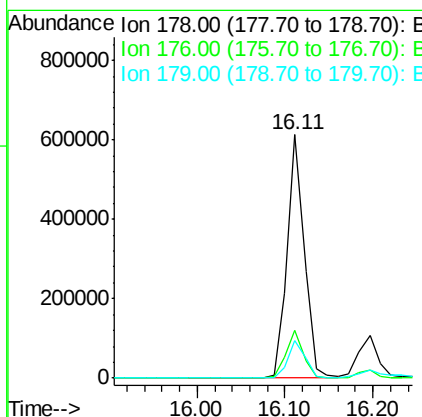
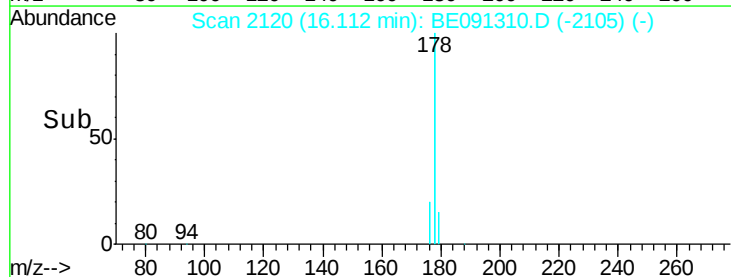
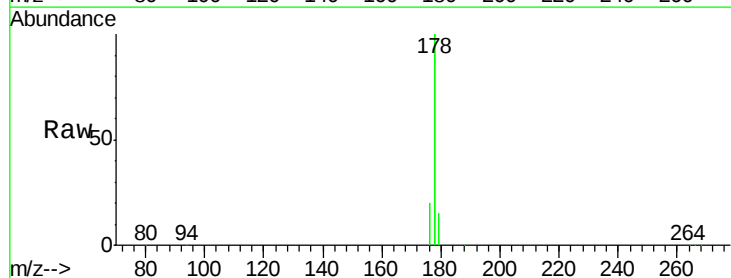
RT: 16.11 min Scan# 2120

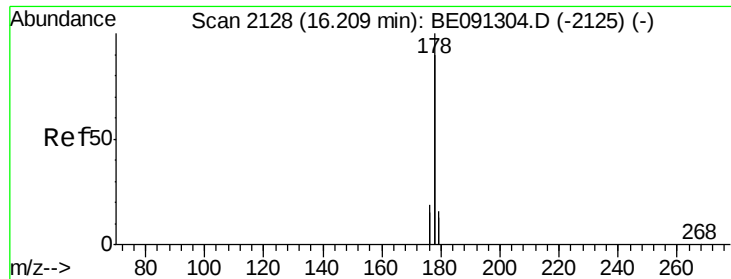
Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tgt Ion:	178	Resp:	826150
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.8	19.2





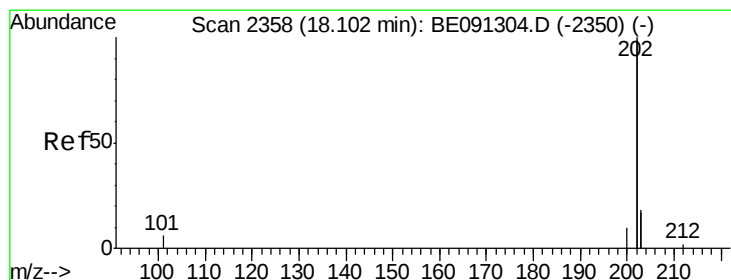
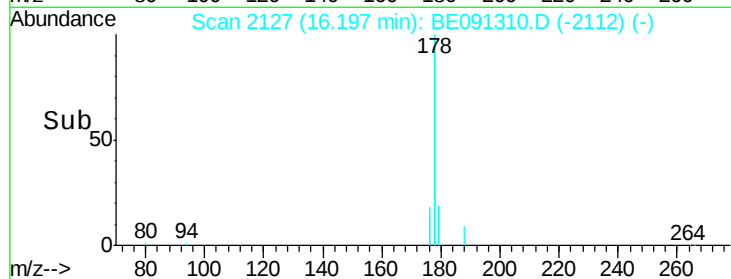
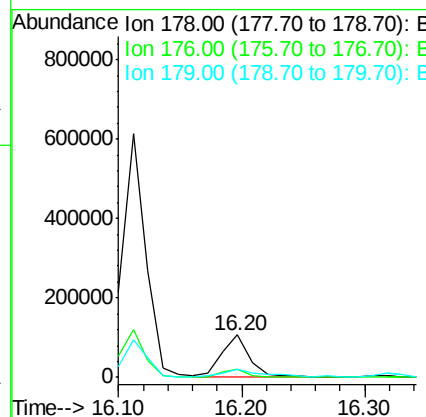
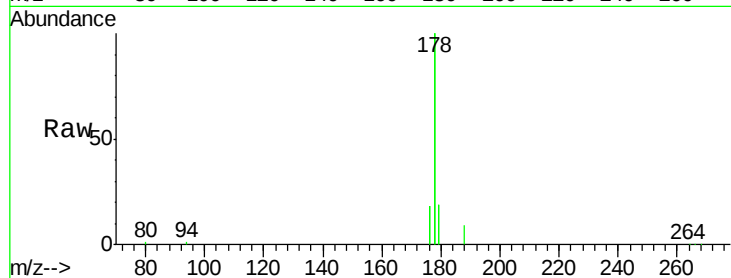
#15
 Anthracene
 Concen: 0.94 ng/ul
 RT: 16.20 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE091310.D
 Acq: 23 Nov 2015 21:24

Instrument :
 BNA_E
 ClientSampleId :
 A4J48RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	19.0	13.3	19.9

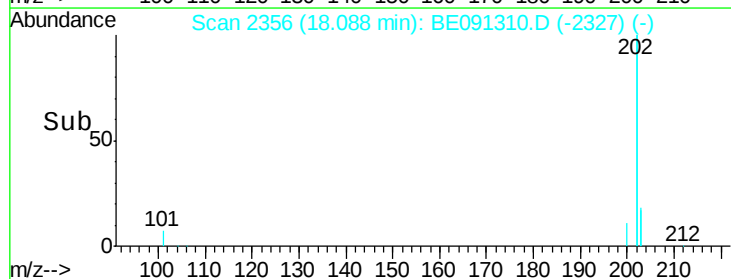
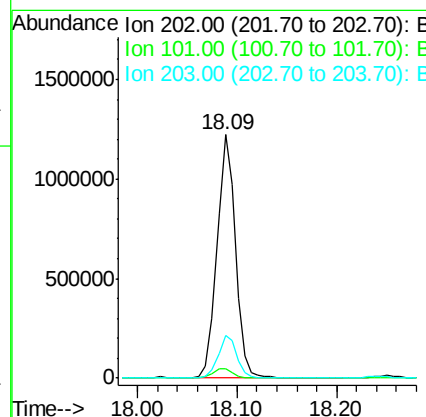
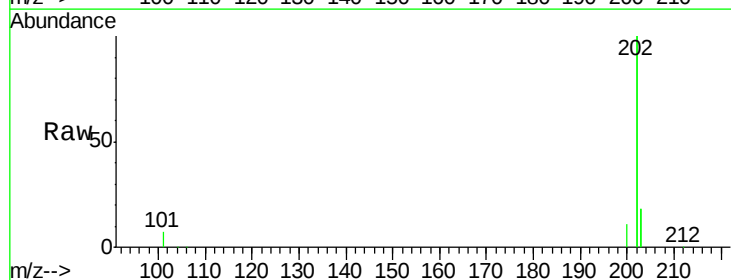
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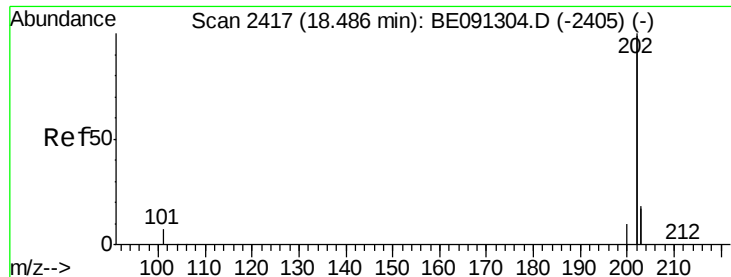
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#17
 Fluoranthene
 Concen: 6.84 ng/ul
 RT: 18.09 min Scan# 2356
 Delta R.T. -0.01 min
 Lab File: BE091310.D
 Acq: 23 Nov 2015 21:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	33.1
203	17.6	0.0	37.2





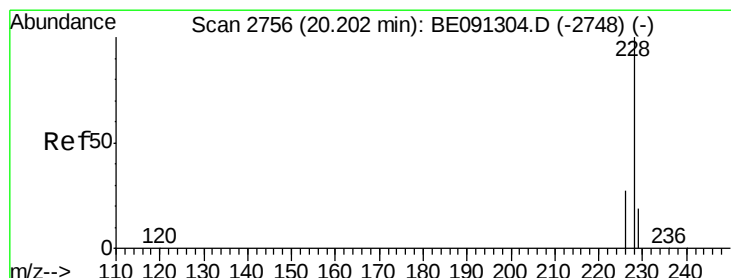
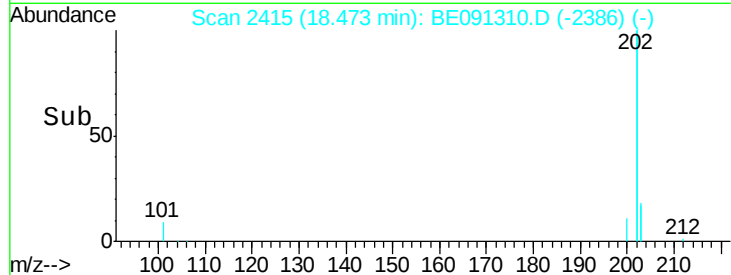
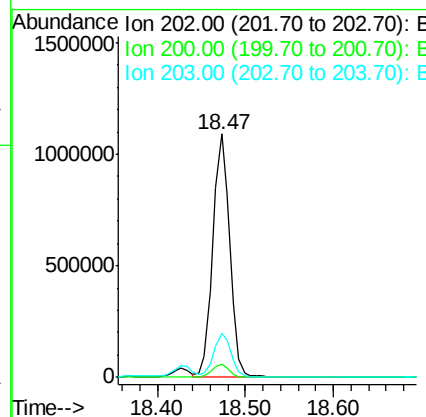
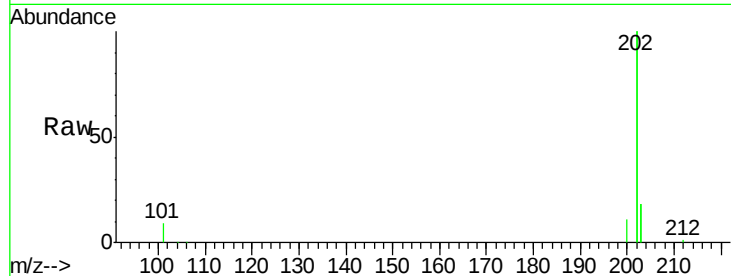
#19
Pvrene
Concen: 6.19 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091310.D
Acq: 23 Nov 2015 21:24

Instrument :
BNA_E
ClientSampleId :
A4J48RX

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.4	18.0	27.0#
203	18.0	13.8	20.6

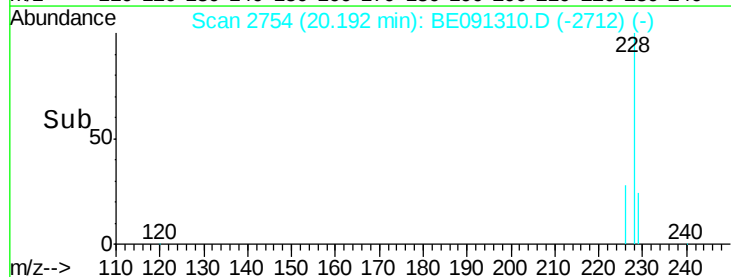
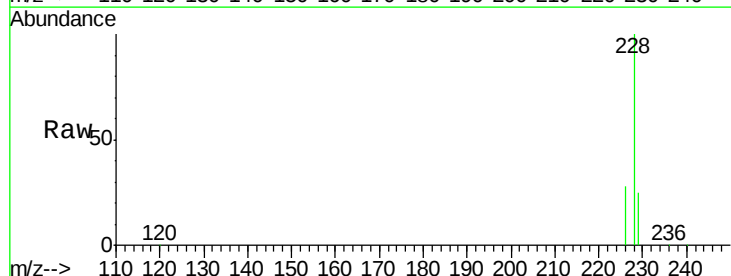
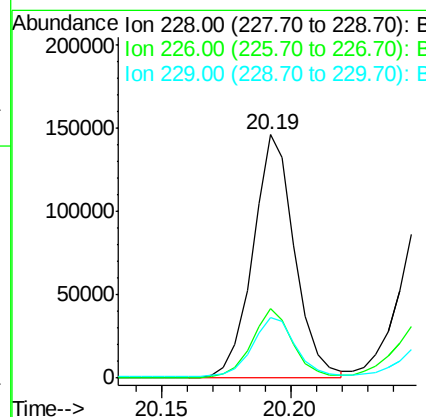
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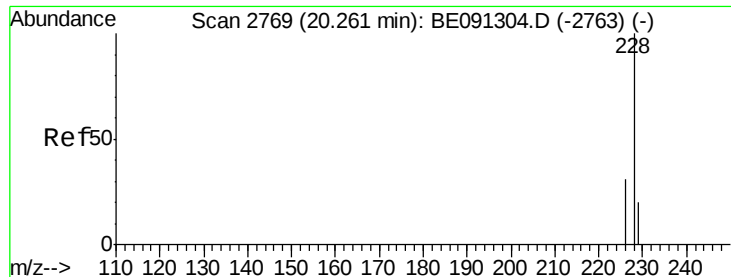
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#20
Benzo(a)anthracene
Concen: 3.11 ng/ul m
RT: 20.19 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091310.D
Acq: 23 Nov 2015 21:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	24.8	15.2	22.8#





#21

Chrysene

Concen: 3.12 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Instrument :

BNA_E

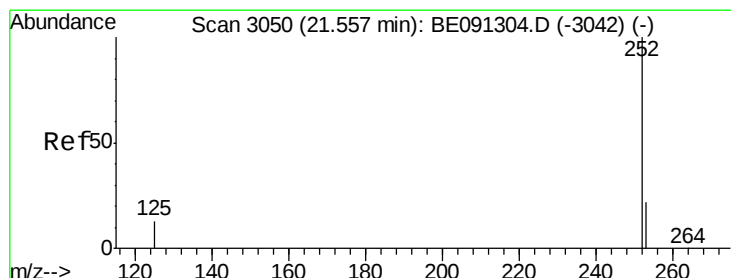
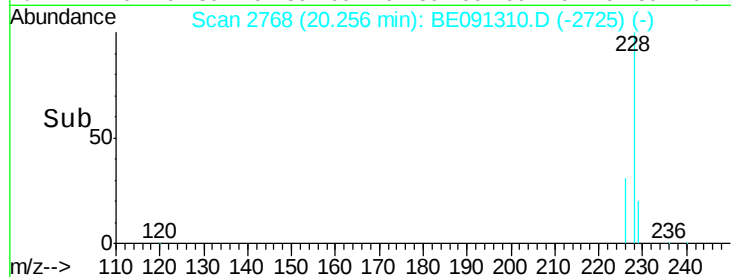
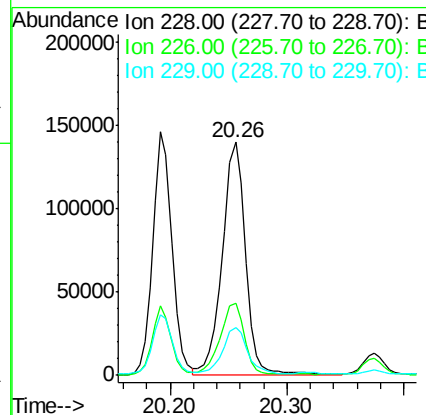
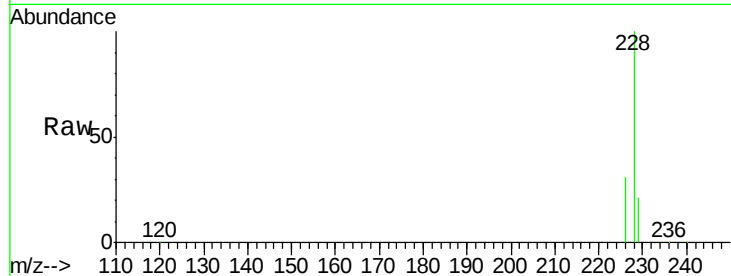
ClientSampleId :

A4J48RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		190836		
226	30.7		25.7	38.5	
229	20.8		15.2	22.8	

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#23

Benzo(b)fluoranthene

Concen: 2.23 ng/ul

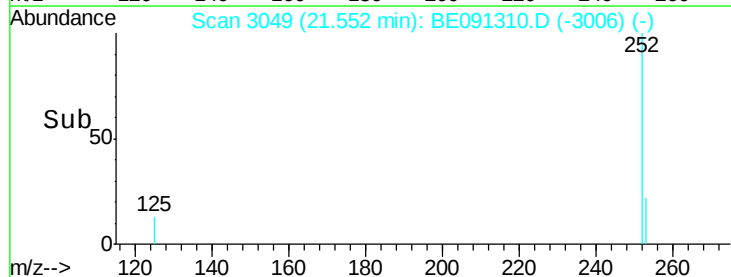
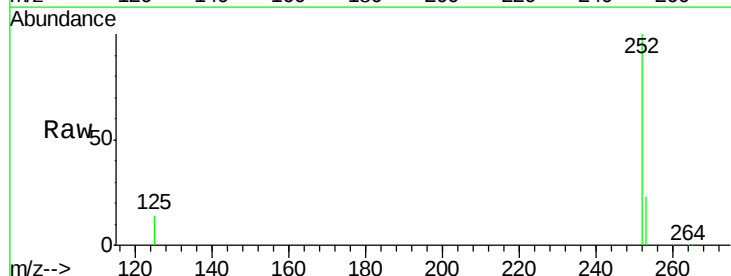
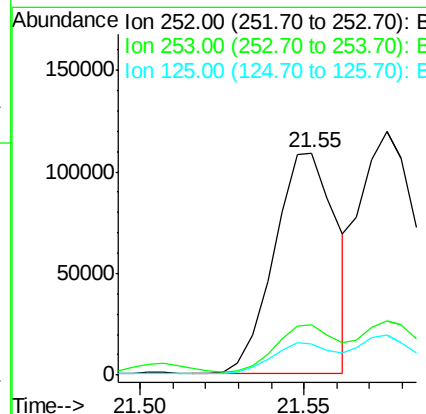
RT: 21.55 min Scan# 3049

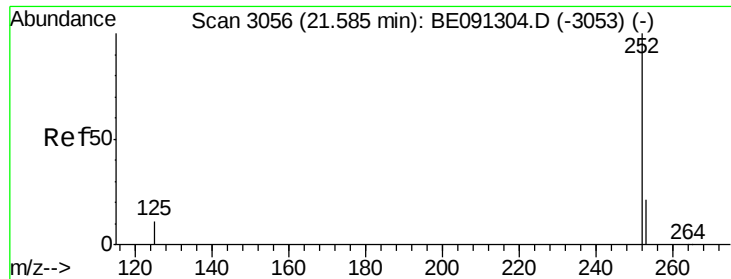
Delta R.T. -0.00 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		142864		
253	22.9		0.0	48.0	
125	13.9		0.0	36.6	





#24

Benzo(k)fluoranthene

Concen: 2.37 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Instrument :

BNA_E

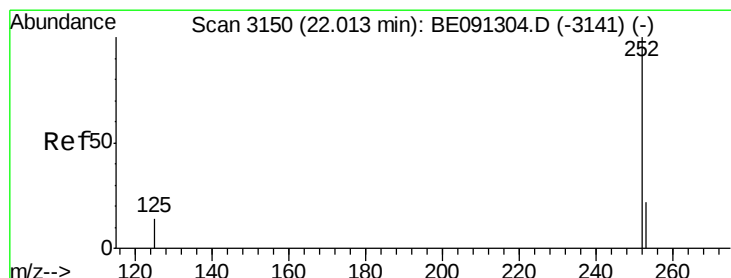
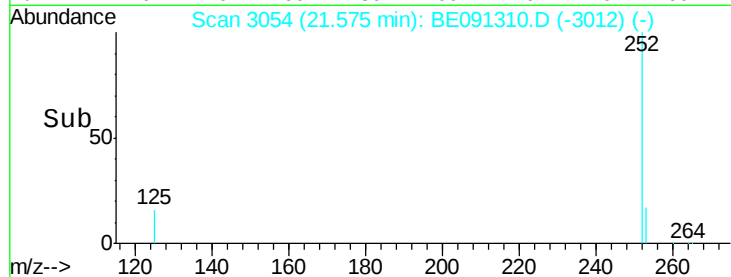
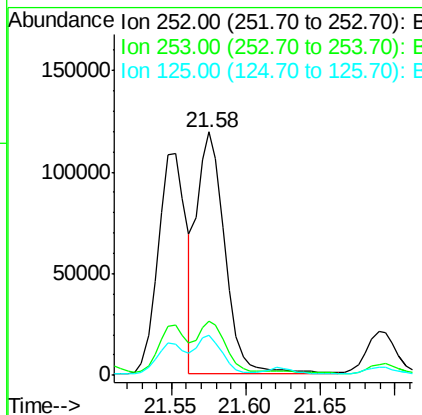
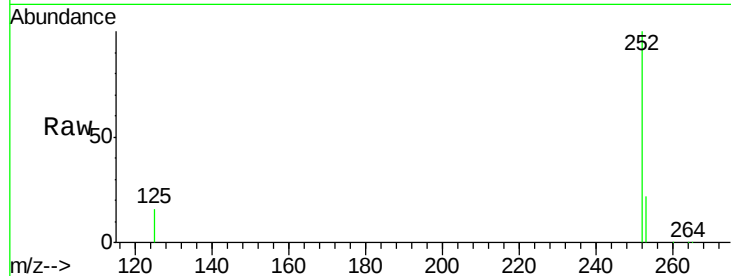
ClientSampleId :

A4J48RX

Tot Ion:	252	Resp:	155878
Ion Ratio	Lower	Upper	
252	100		
253	22.3	20.8	31.2
125	16.5	12.2	18.4

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#25

Benzo(a)pyrene

Concen: 2.82 ng/ul

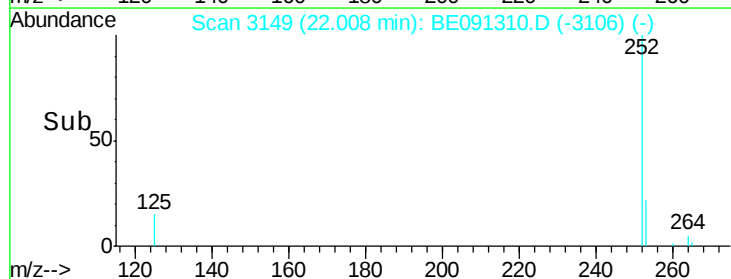
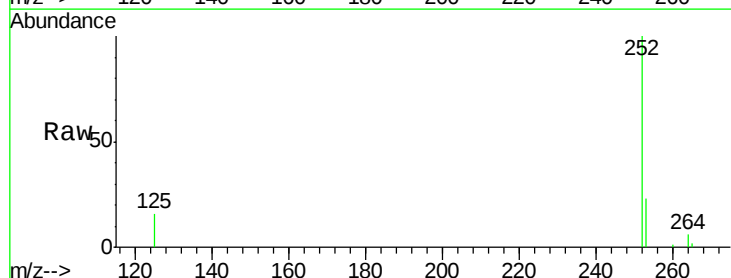
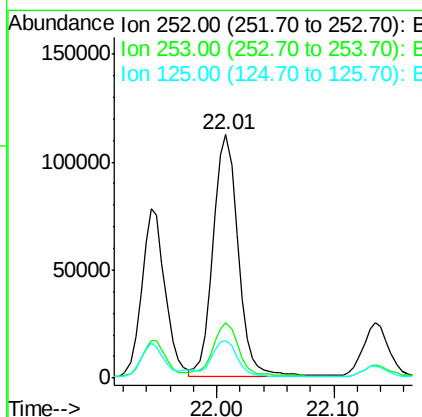
RT: 22.01 min Scan# 3149

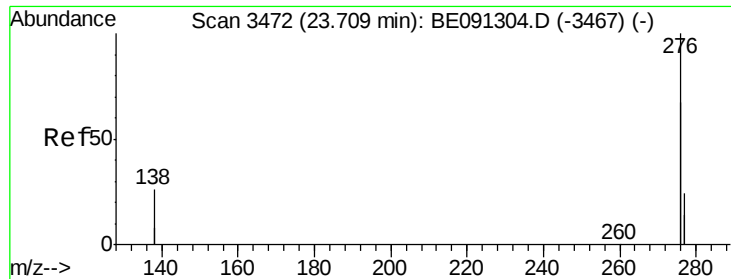
Delta R.T. -0.00 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Tgt Ion:	252	Resp:	166778
Ion Ratio	Lower	Upper	
252	100		
253	22.7	21.8	32.8
125	15.6	14.5	21.7





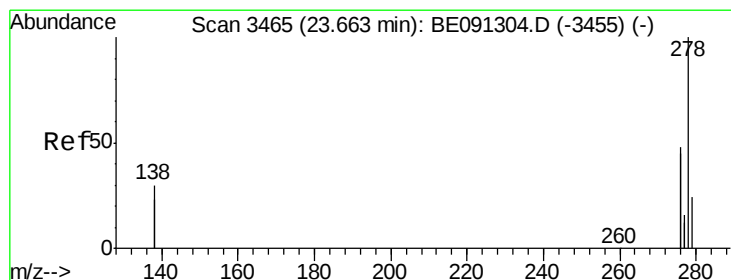
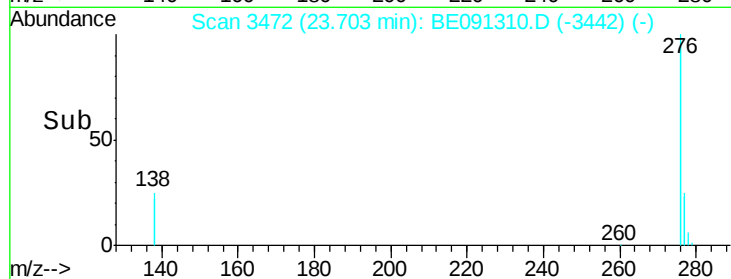
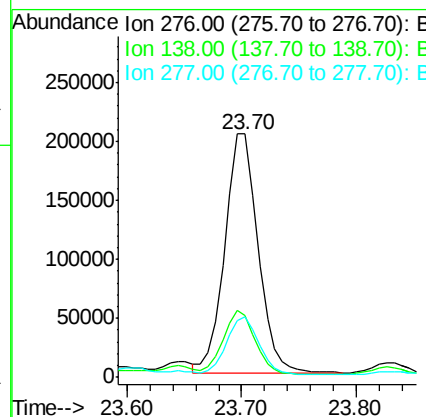
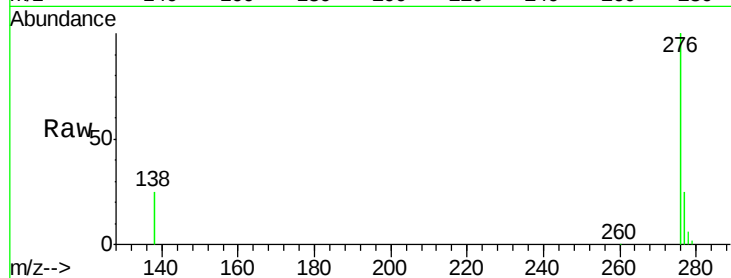
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 1.64 ng/ul
 RT: 23.70 min Scan# 3472
 Delta R.T. -0.01 min
 Lab File: BE091310.D
 Acq: 23 Nov 2015 21:24

Instrument :
 BNA_E
 ClientSampleId :
 A4J48RX

Tot Ion	Ratio	Resp	Lower	Upper
276	100	408338		
138	25.6		27.5	41.3#
277	23.8		19.3	28.9

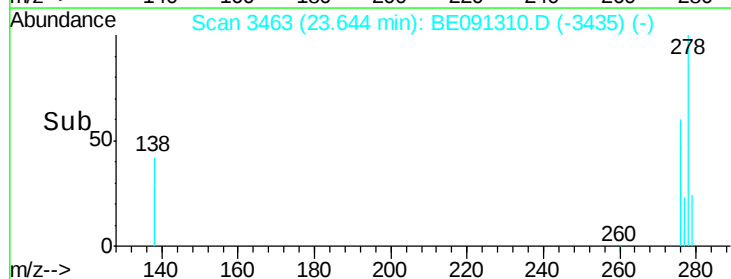
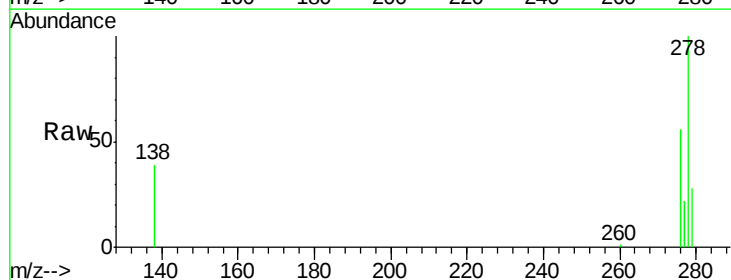
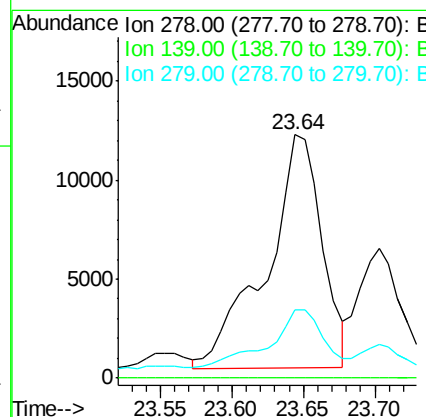
Manual Integrations
 APPROVED

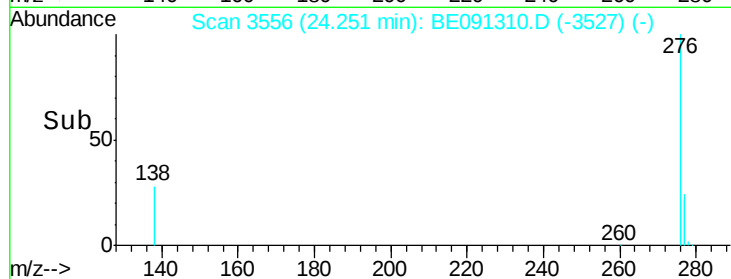
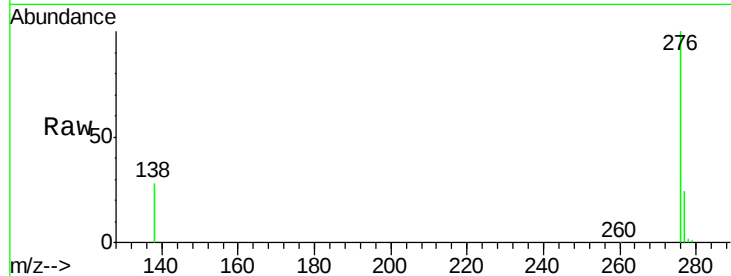
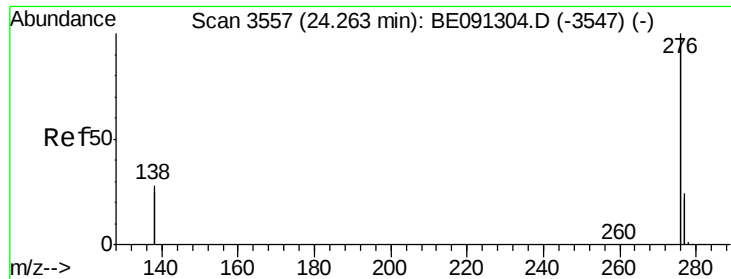
Mmdadoda
 11/24/2015 1:06:52 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.54 ng/ul
 RT: 23.64 min Scan# 3463
 Delta R.T. -0.02 min
 Lab File: BE091310.D
 Acq: 23 Nov 2015 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	31943		
139	0.0		21.7	32.5#
279	28.0		21.9	32.9





#28

Benzo(a,h,i)perylene

Concen: 1.65 ng/ul

RT: 24.25 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091310.D

Acq: 23 Nov 2015 21:24

Instrument :

BNA_E

ClientSampleId :

A4J48RX

Tot Ion:	276	Resp:	430172
Ion Ratio	Lower	Upper	
276	100		
277	24.4	21.3	31.9
138	28.4	25.5	38.3

Manual Integrations
APPROVED

Mmdadoda
11/24/2015 1:06:52 PM

