

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111715\
 Data File : BE091215.D
 Acq On : 17 Nov 2015 21:46
 Operator : UM/NP
 Sample : G4273-12DL 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AP8DL

Manual Integrations
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Mmdadoda
 11/19/2015 6:41:58 PM

Quant Time: Nov 18 05:03:24 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 : Wed Nov 18 04:23:52 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2861	0.40	ng/ul	0.00
4) Naphthalene-d8	9.58	136	15122	0.40	ng/ul	0.02
8) Acenaphthene-d10	13.38	164	8903	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	28162	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	48329	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	43038	0.40	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.12	96	864m	0.42	ng/uL	0.11
6) 2-Methylnaphthalene-d10	11.09	152	292	0.01	ng/ul	0.02
16) Fluoranthene-d10	18.08	212	909	0.01	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	9.62	128	1764	0.05	ng/ul#	87
7) 2-Methylnaphthalene	11.16	142	3095	0.13	ng/ul	100
9) Acenaphthylene	13.12	152	1355	0.03	ng/ul#	83
10) Acenaphthene	13.43	153	9572	0.31	ng/ul#	89
11) Fluorene	14.42	166	12402	0.32	ng/ul	94
14) Phenanthrene	16.12	178	258615	0.80	ng/ul	97
15) Anthracene	16.21	178	83598	0.28	ng/ul	97
17) Fluoranthene	18.10	202	200181	0.53	ng/ul	89
19) Pyrene	18.48	202	154665	0.28	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	12302	0.10	ng/ul	96
21) Chrysene	20.26	228	14575	0.10	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	8655	0.06	ng/ul	94
24) Benzo(k)fluoranthene	21.59	252	9478	0.07	ng/ul	97
25) Benzo(a)pyrene	22.01	252	9904	0.08	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	23.72	276	18649	0.04	ng/ul#	91
28) Benzo(g,h,i)perylene	24.27	276	17169	0.03	ng/ul	96

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

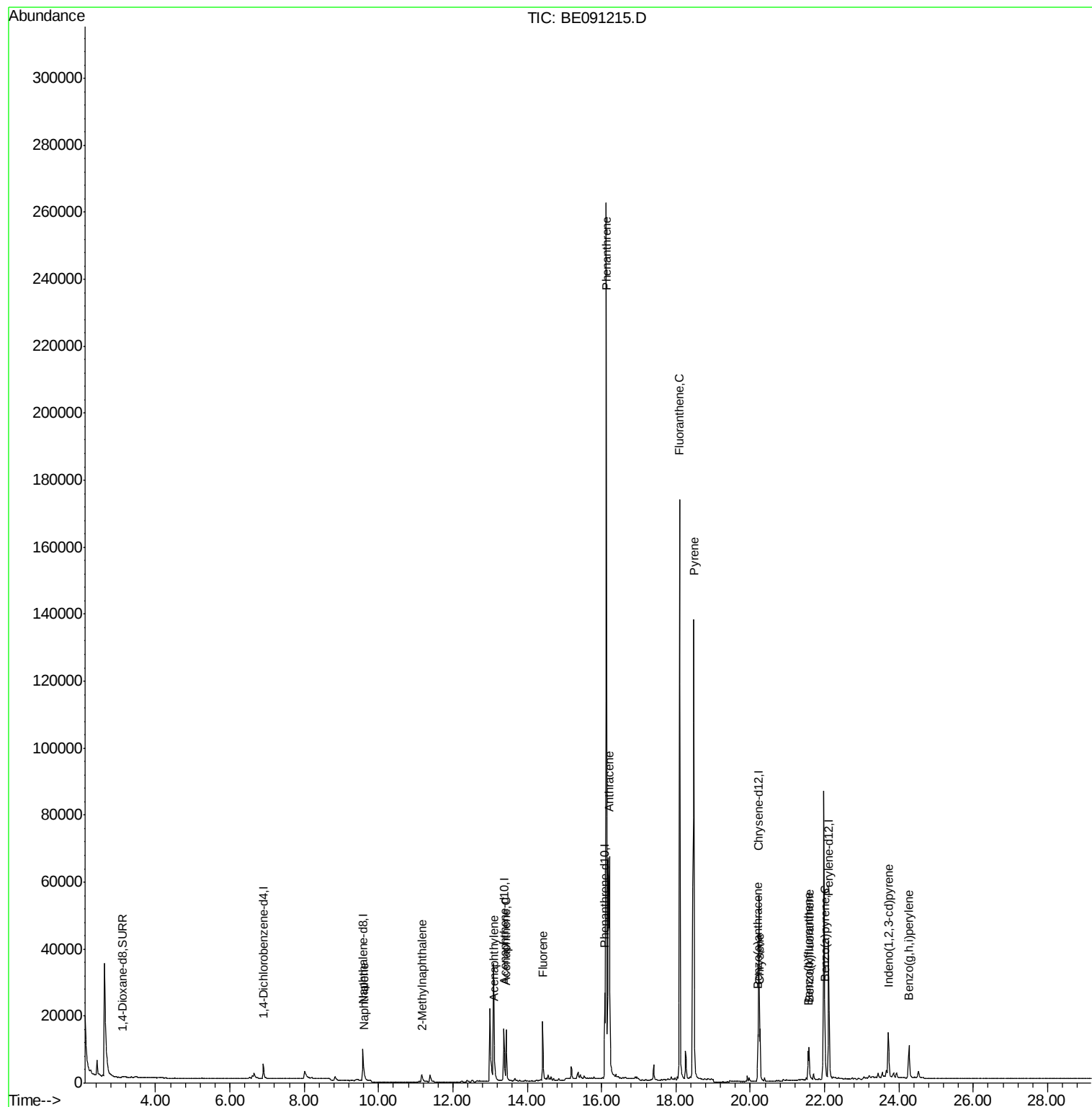
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111715\
Data File : BE091215.D
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Operator : UM/NP
Sample : G4273-12DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

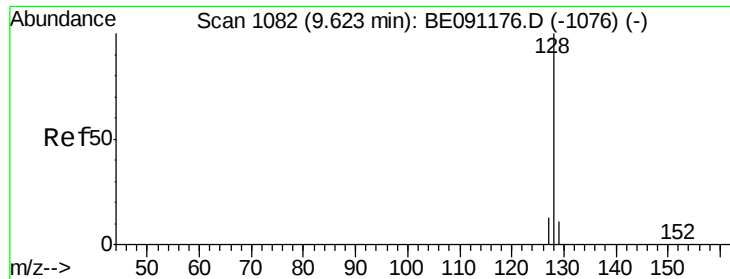
Instrument :
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Quant Time: Nov 18 05:03:24 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 04:23:52 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 9.62 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

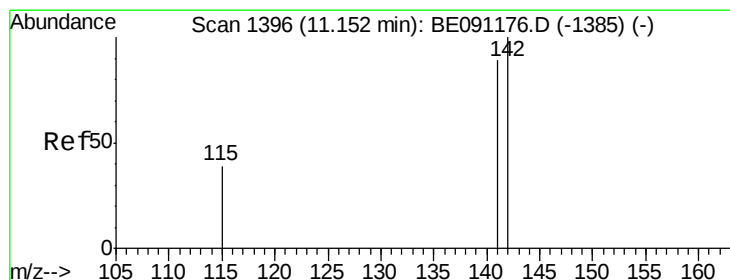
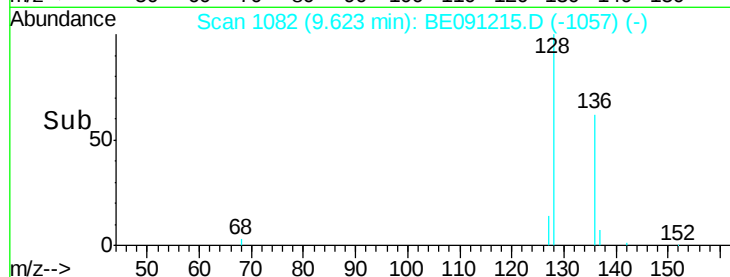
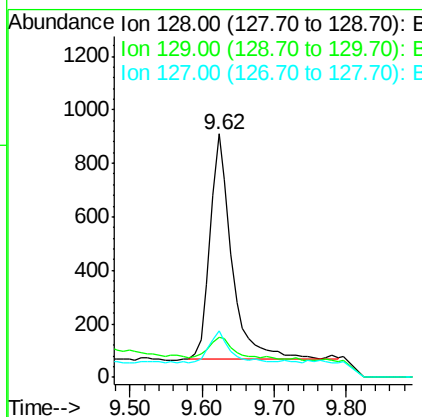
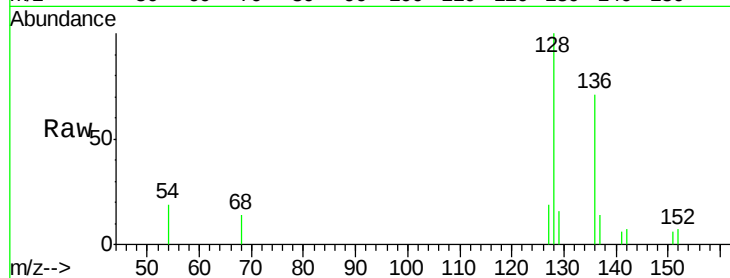
ClientSampleId :

C0AP8DL

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Tgt Ion:	128	Resp:	1764
Ion Ratio	Lower	Upper	
128	100		
129	16.5	9.8	14.8#
127	19.2	10.7	16.1#



#7

2-Methylnaphthalene

Concen: 0.13 ng/ul

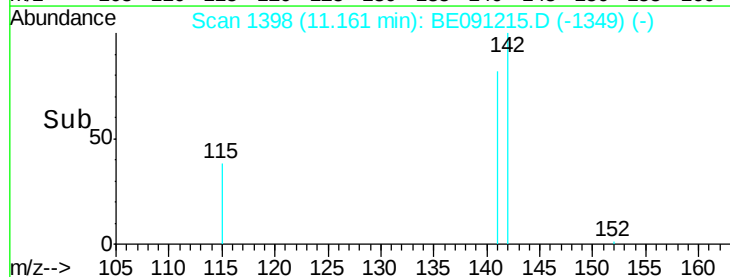
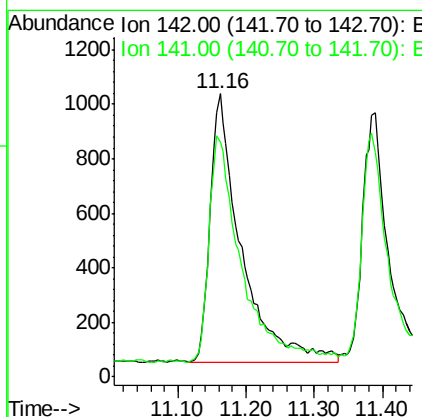
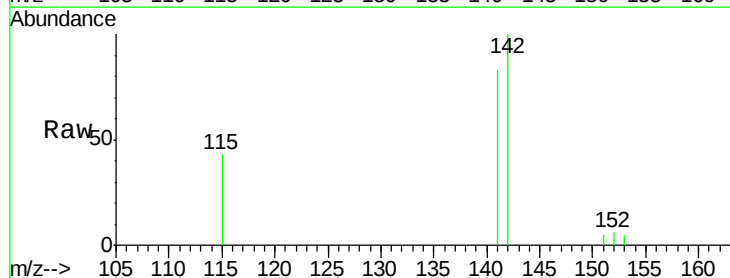
RT: 11.16 min Scan# 1398

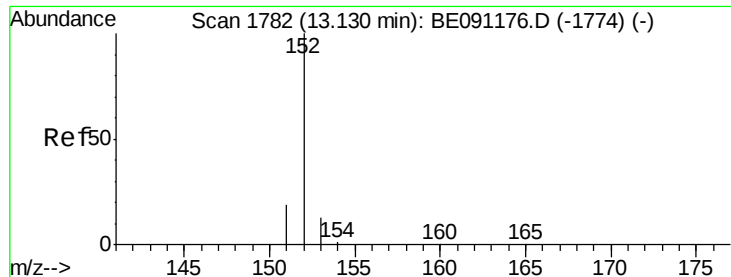
Delta R.T. 0.02 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Tgt Ion:	142	Resp:	3095
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.3	105.5





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 13.12 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

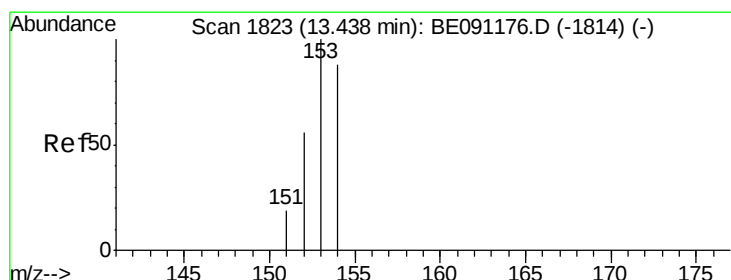
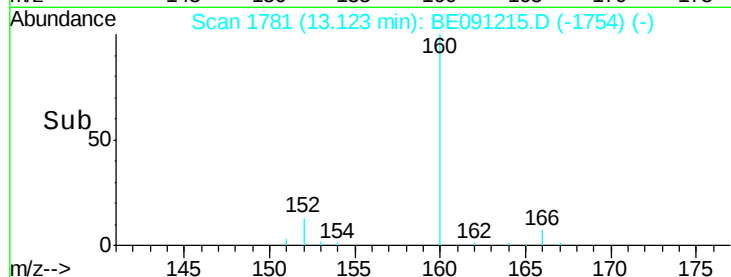
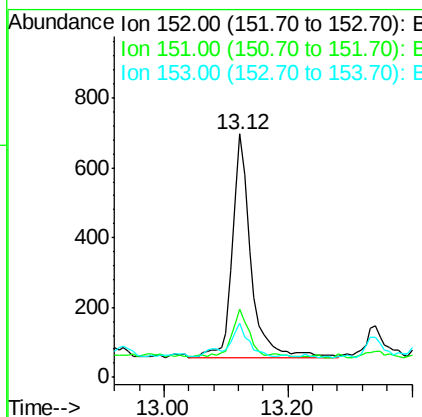
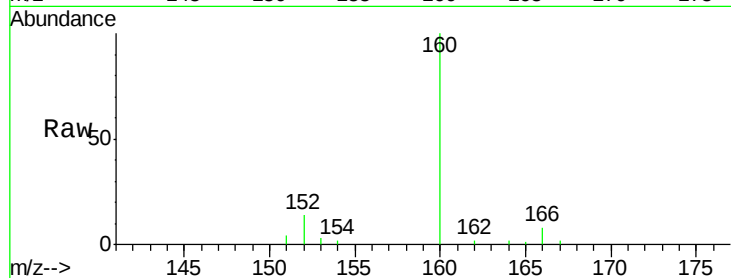
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Tgt Ion:	152	Resp:	1355
Ion Ratio	Lower	Upper	
152	100		
151	28.1	16.8	25.2#
153	22.2	11.3	16.9#

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#10

Acenaphthene

Concen: 0.31 ng/ul

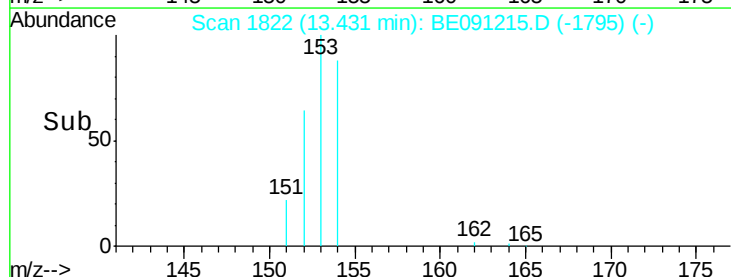
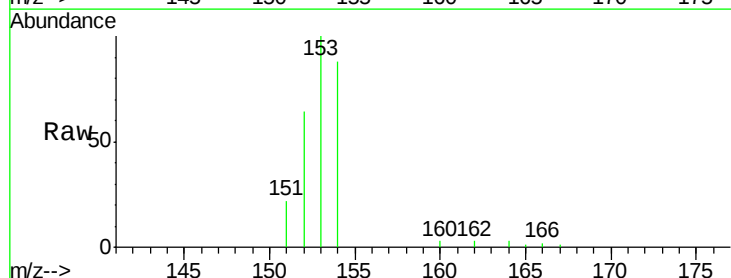
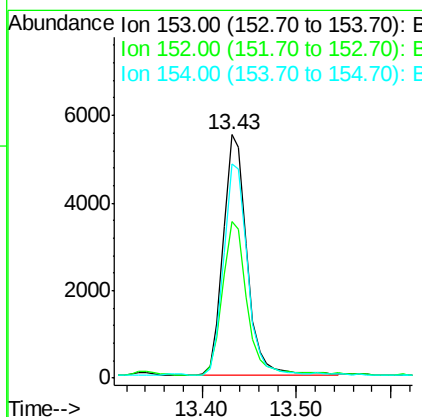
RT: 13.43 min Scan# 1822

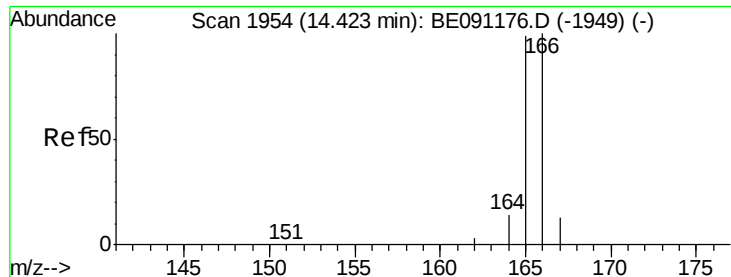
Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Tgt Ion:	153	Resp:	9572
Ion Ratio	Lower	Upper	
153	100		
152	64.2	42.3	63.5#
154	87.7	64.7	97.1





#11

Fluorene

Concen: 0.32 ng/ul

RT: 14.42 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Instrument :

BNA_E

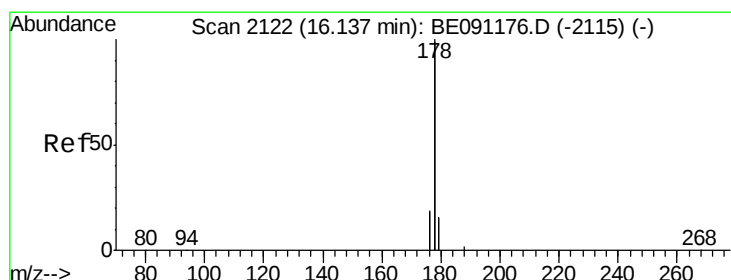
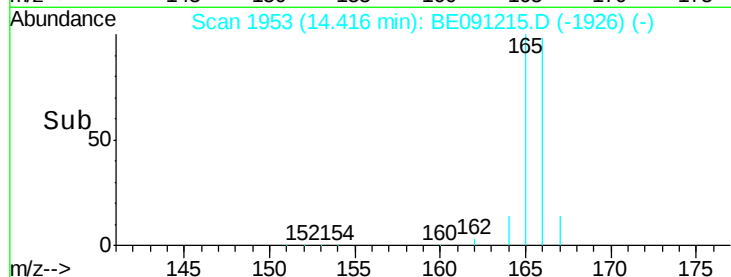
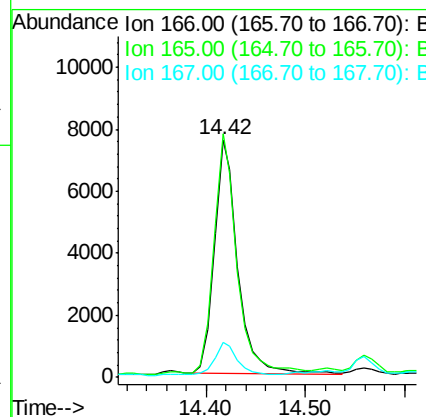
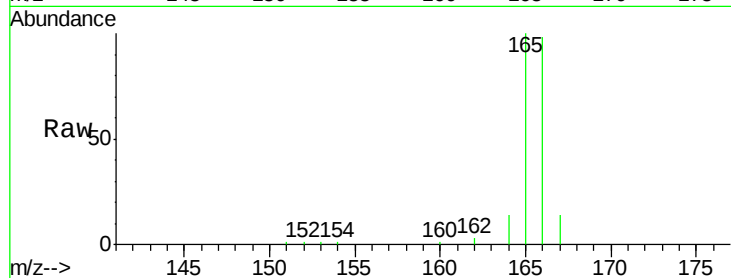
ClientSampleId :

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Tgt Ion:	166	Resp:	12402
Ion Ratio	Lower	Upper	
166	100		
165	102.4	87.6	131.4
167	14.5	11.1	16.7

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#14

Phenanthrene

Concen: 0.80 ng/ul

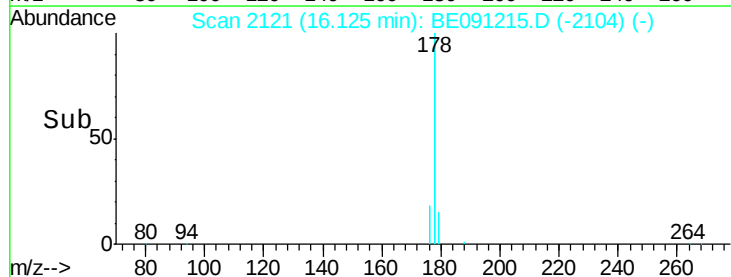
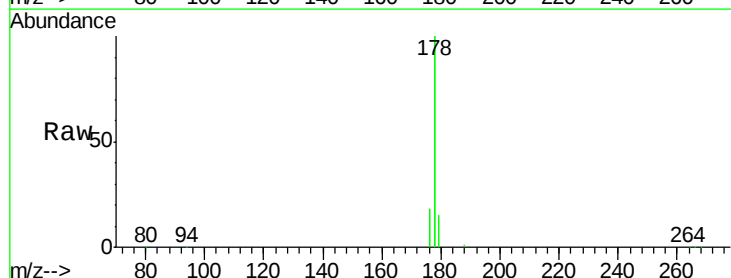
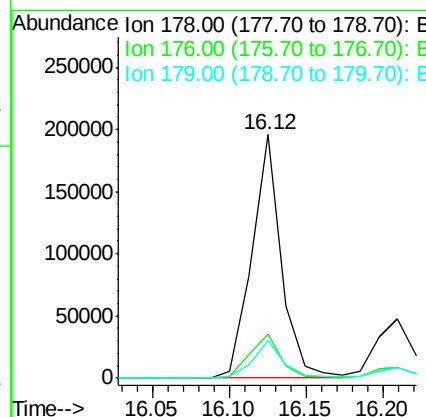
RT: 16.12 min Scan# 2121

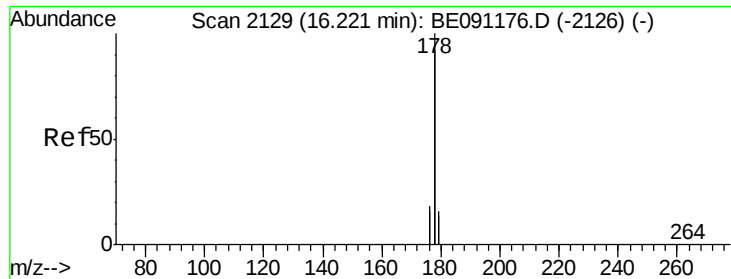
Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

Tgt Ion:	178	Resp:	258615
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.2	24.4
179	15.4	12.8	19.2





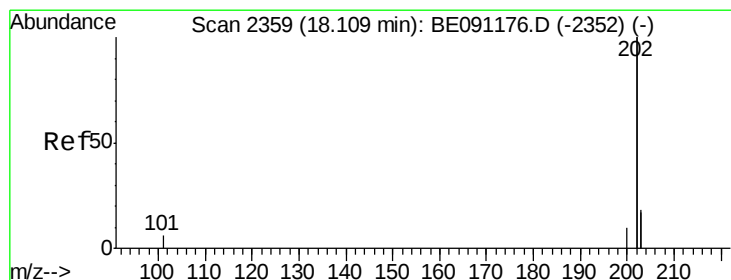
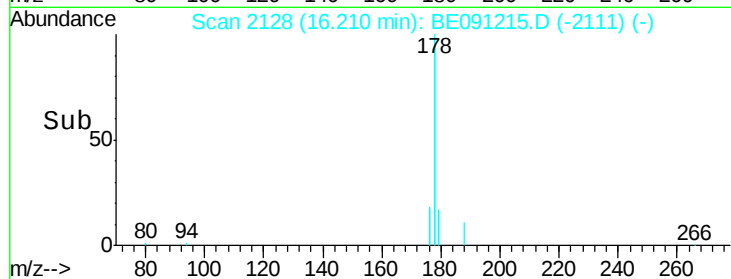
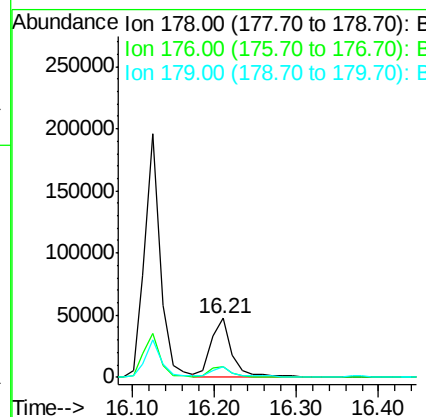
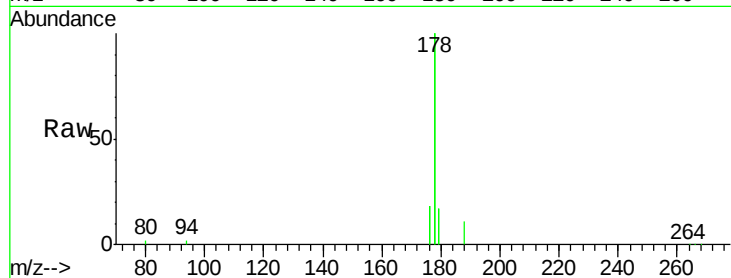
#15
 Anthracene
 Concen: 0.28 ng/u1
 RT: 16.21 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	17.5	13.3	19.9

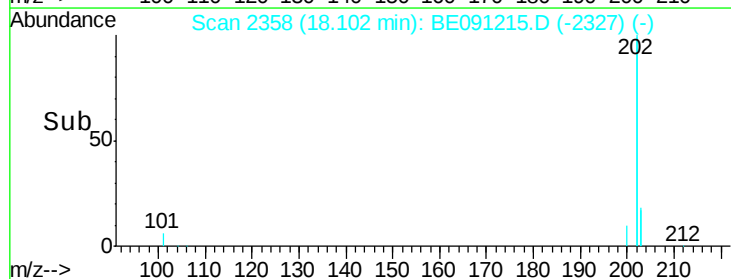
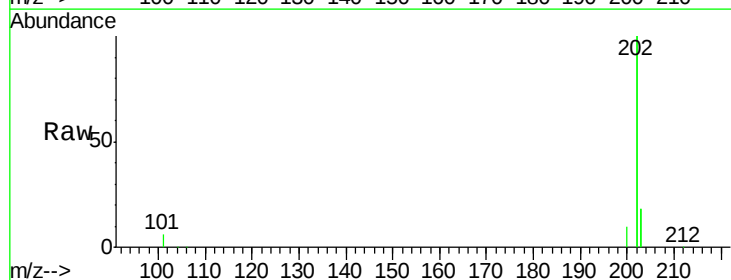
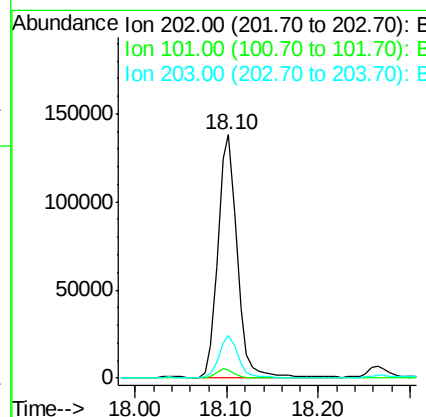
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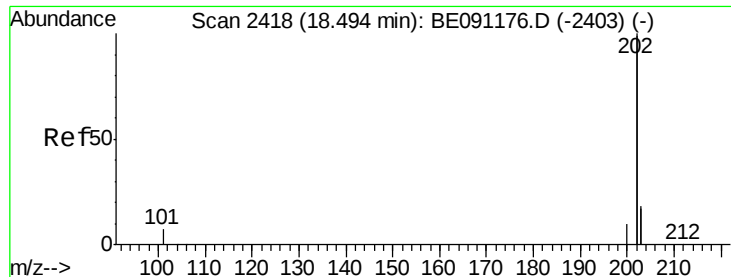
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#17
 Fluoranthene
 Concen: 0.53 ng/u1
 RT: 18.10 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	33.1
203	17.5	0.0	37.2





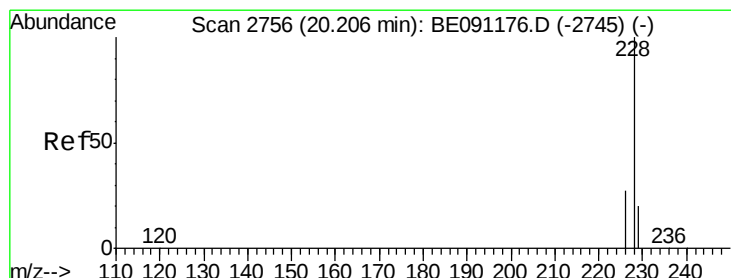
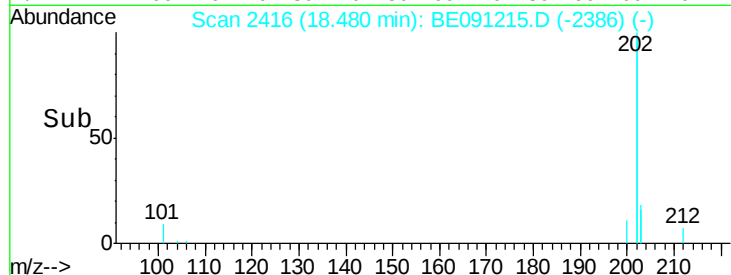
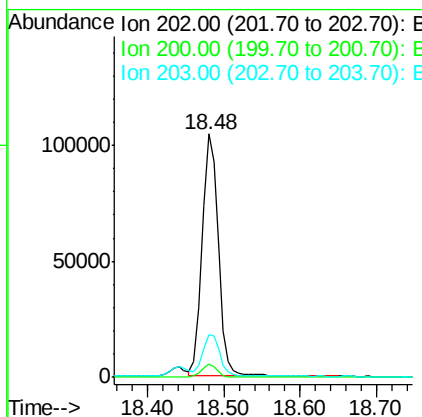
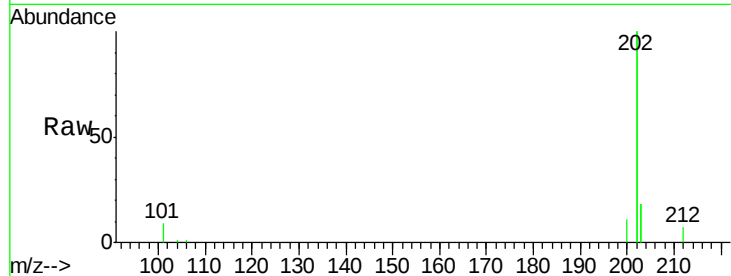
#19
Pyrene
Concen: 0.28 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.4	18.0	27.0#
203	17.6	13.8	20.6

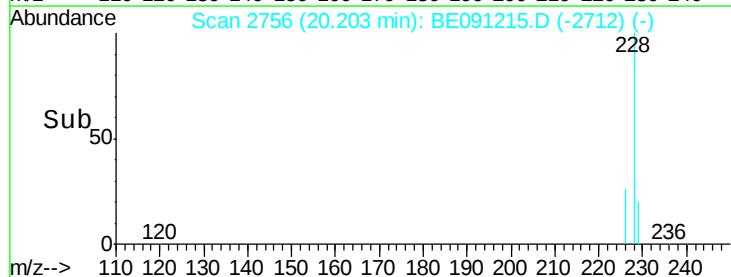
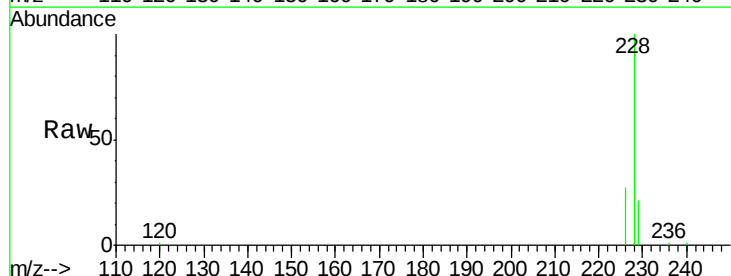
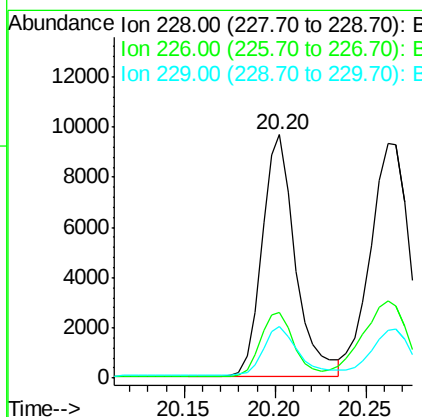
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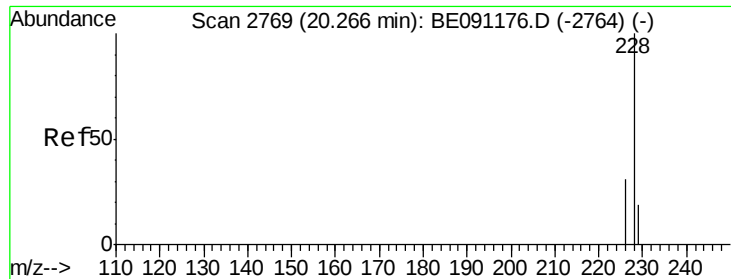
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#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 20.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.1	23.0	34.4
229	21.3	15.2	22.8





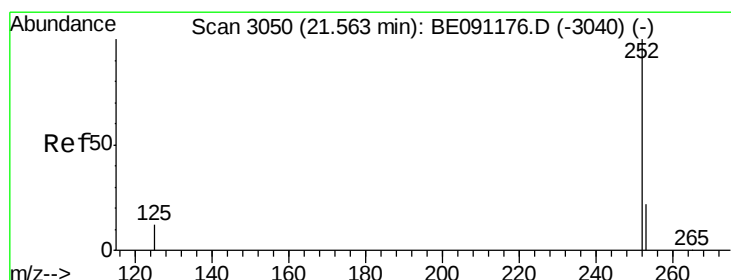
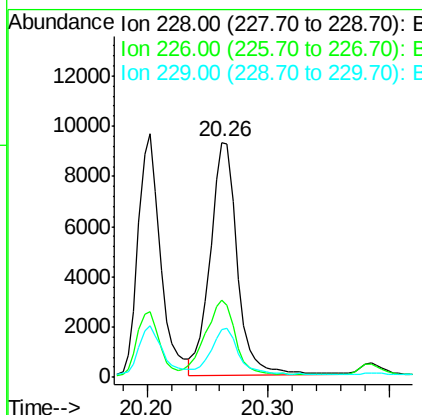
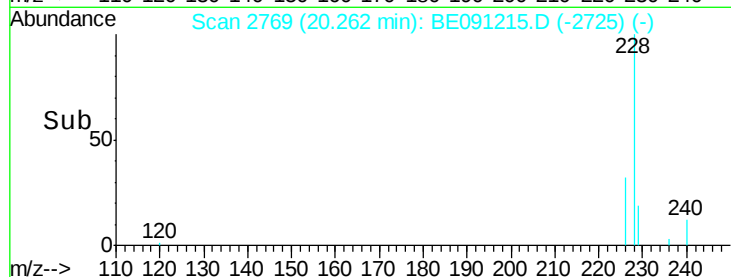
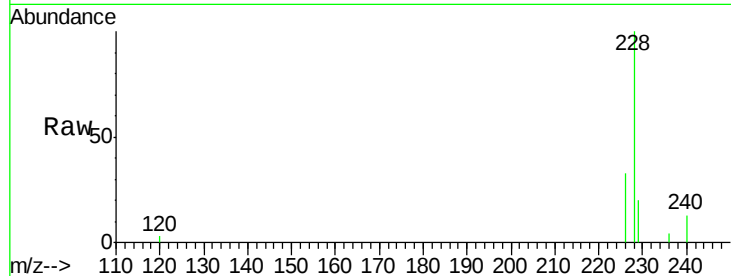
#21
Chrysene
Concen: 0.10 ng/u1
RT: 20.26 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

Instrument :
BNA_E
ClientSampleId :
C0AP8DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.7	38.5
229	20.5	15.2	22.8

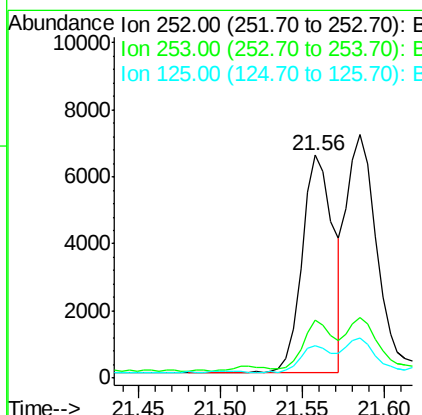
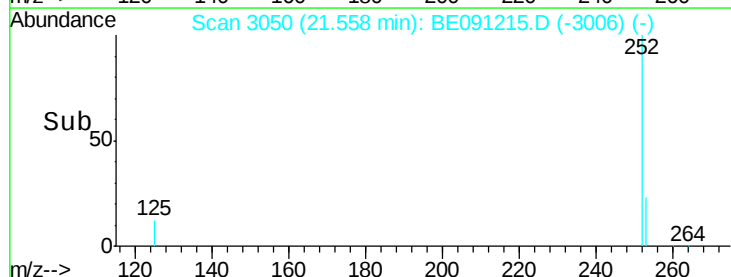
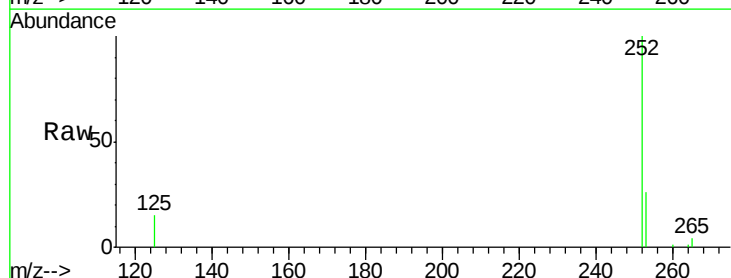
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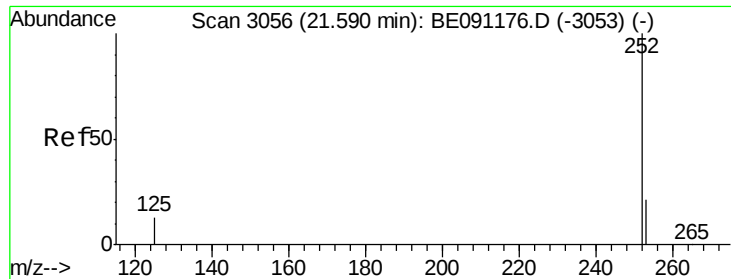
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#23
Benzo(b)fluoranthene
Concen: 0.06 ng/u1
RT: 21.56 min Scan# 3050
Delta R.T. 0.00 min
Lab File: BE091215.D
Acq: 17 Nov 2015 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	48.0
125	14.7	0.0	36.6





#24

Benzo(k)fluoranthene

Concen: 0.07 ng/ul

RT: 21.59 min Scan# 3056

Delta R.T. 0.00 min

Lab File: BE091215.D

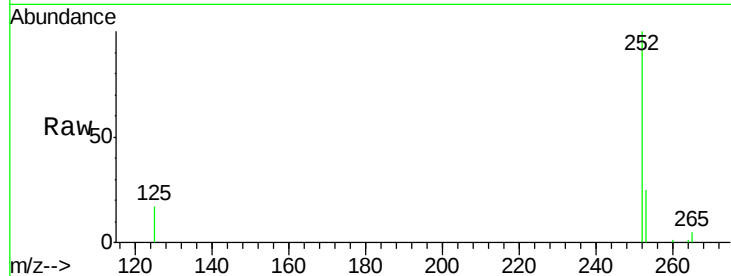
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Instrument :

BNA_E

ClientSampleId :

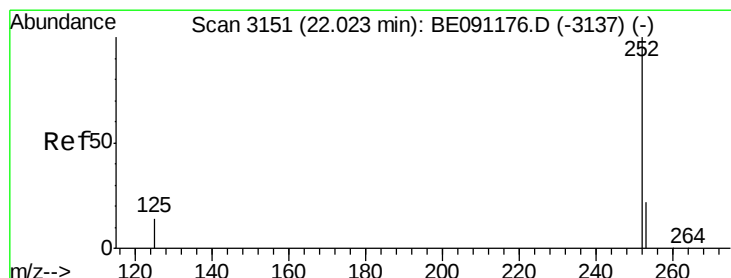
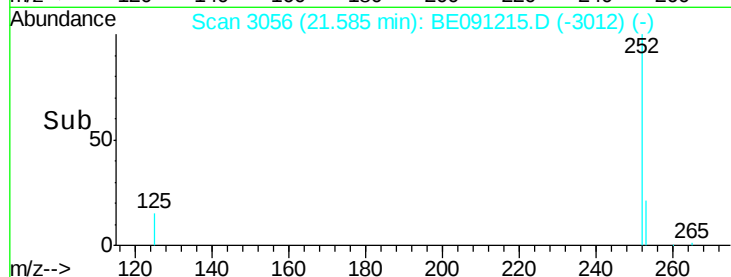
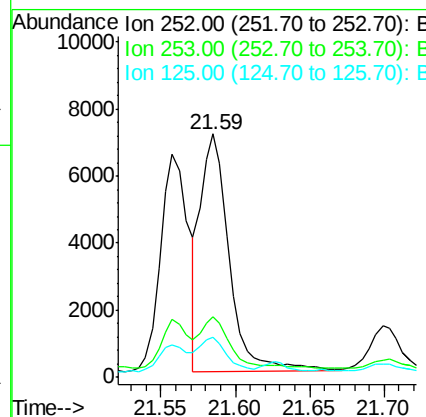
C0AP8DL



Tgt Ion:	252	Resp:	9478
Ion Ratio	Lower	Upper	
252	100		
253	24.8	20.8	31.2
125	16.7	12.2	18.4

Manual Integrations
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#25

Benzo(a)pyrene

Concen: 0.08 ng/ul

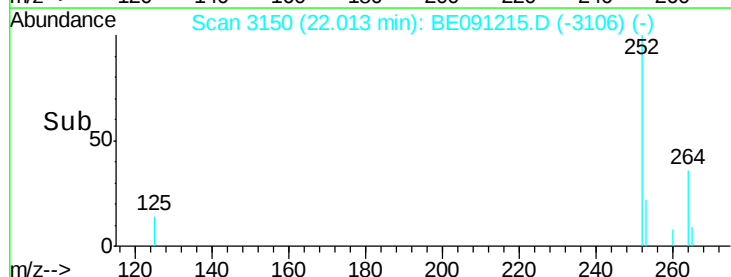
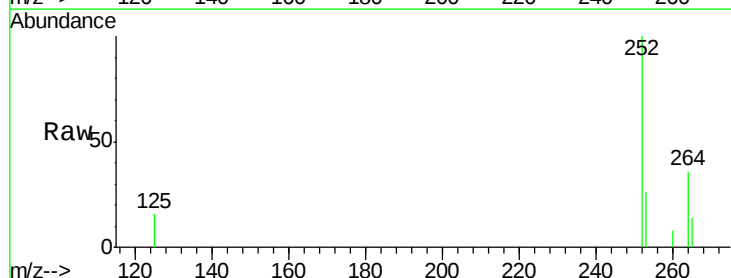
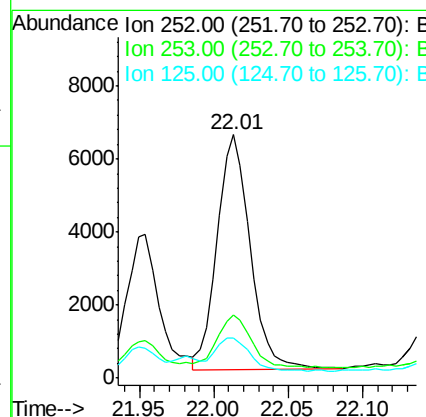
RT: 22.01 min Scan# 3150

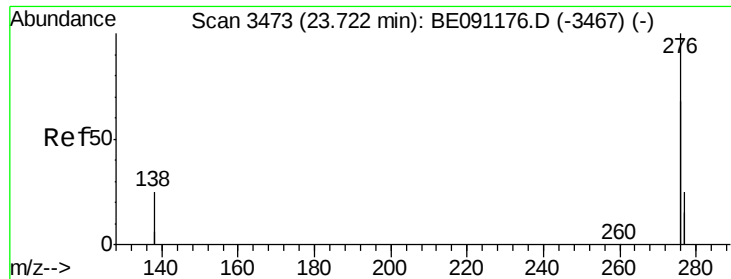
Delta R.T. 0.00 min

Lab File: BE091215.D

Acq: 17 Nov 2015 21:46

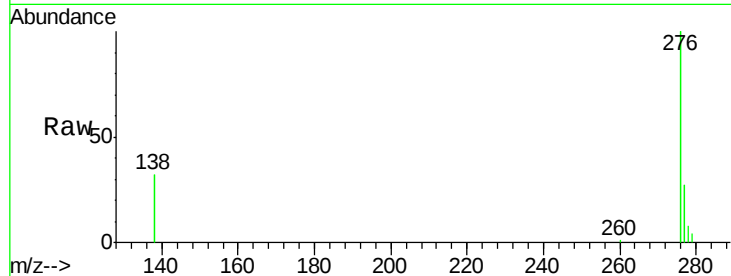
Tgt Ion:	252	Resp:	9904
Ion Ratio	Lower	Upper	
252	100		
253	25.7	21.8	32.8
125	16.4	14.5	21.7





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 23.72 min Scan# 3473
 Delta R.T. 0.01 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46

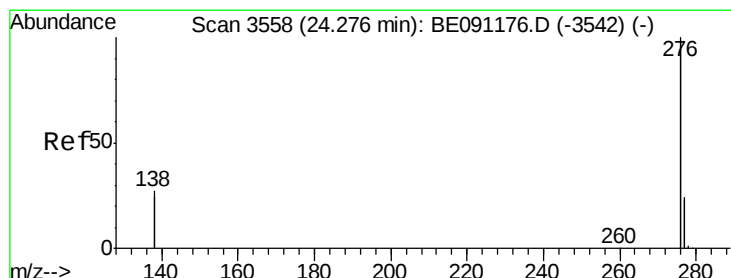
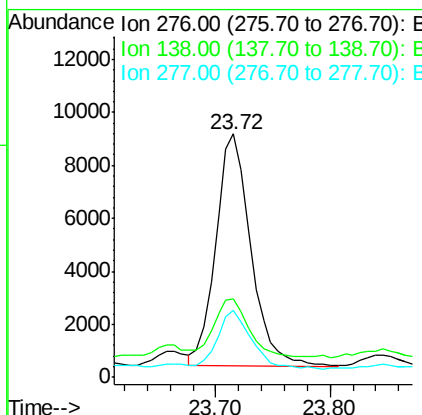
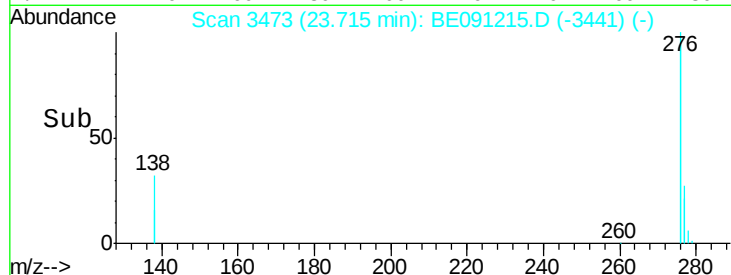
Instrument :
 BNA_E
 ClientSampleId :
 C0AP8DL



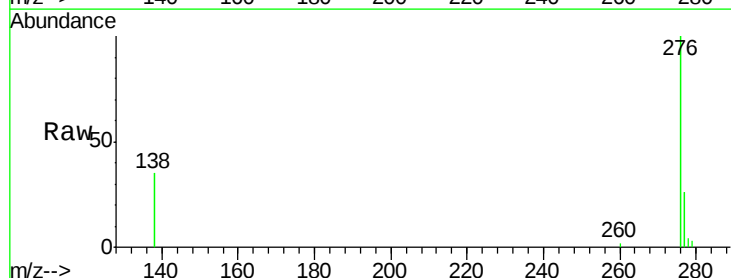
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	27.5	41.3#
277	24.3	19.3	28.9

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:41:58 PM



#28
 Benzo(g,h,i)perylene
 Concen: 0.03 ng/ul
 RT: 24.27 min Scan# 3558
 Delta R.T. 0.01 min
 Lab File: BE091215.D
 Acq: 17 Nov 2015 21:46



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.3	31.9
138	35.4	25.5	38.3

