

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091229.D
 Acq On : 18 Nov 2015 15:55
 Operator : UM/NP
 Sample : G4273-04DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AN9DL

Manual Integrations
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 11/19/2015 6:46:37 PM

Quant Time: Nov 19 05:59:50 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 : Thu Nov 19 04:25:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	3117	0.40	ng/ul	0.00
4) Naphthalene-d8	9.57	136	15139	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	8238	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	26248	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	46797	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	41535	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.10	96	1552m	0.69	ng/uL	0.10
6) 2-Methylnaphthalene-d10	11.11	152	417	0.02	ng/ul	0.04
16) Fluoranthene-d10	18.07	212	1453	0.02	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.61	128	1153	0.03	ng/ul#	78
7) 2-Methylnaphthalene	11.17	142	833	0.03	ng/ul	93
9) Acenaphthylene	13.12	152	2119	0.05	ng/ul#	93
10) Acenaphthene	13.43	153	8464	0.30	ng/ul#	88
11) Fluorene	14.42	166	11075	0.31	ng/ul	93
14) Phenanthrene	16.12	178	108226	0.36	ng/ul	98
15) Anthracene	16.21	178	89410	0.32	ng/ul	96
17) Fluoranthene	18.10	202	217338	0.61	ng/ul	88
19) Pyrene	18.48	202	177875	0.33	ng/ul#	78
20) Benzo(a)anthracene	20.20	228	15625	0.13	ng/ul	97
21) Chrysene	20.26	228	23347	0.17	ng/ul	99
23) Benzo(b)fluoranthene	21.56	252	9419	0.07	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	10161	0.08	ng/ul	97
25) Benzo(a)pyrene	22.01	252	12180	0.10	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	23.71	276	18677	0.04	ng/ul#	92
27) Dibenzo(a,h)anthracene	23.66	278	1577	0.01	ng/ul#	69
28) Benzo(g,h,i)perylene	24.26	276	18365	0.03	ng/ul	98

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

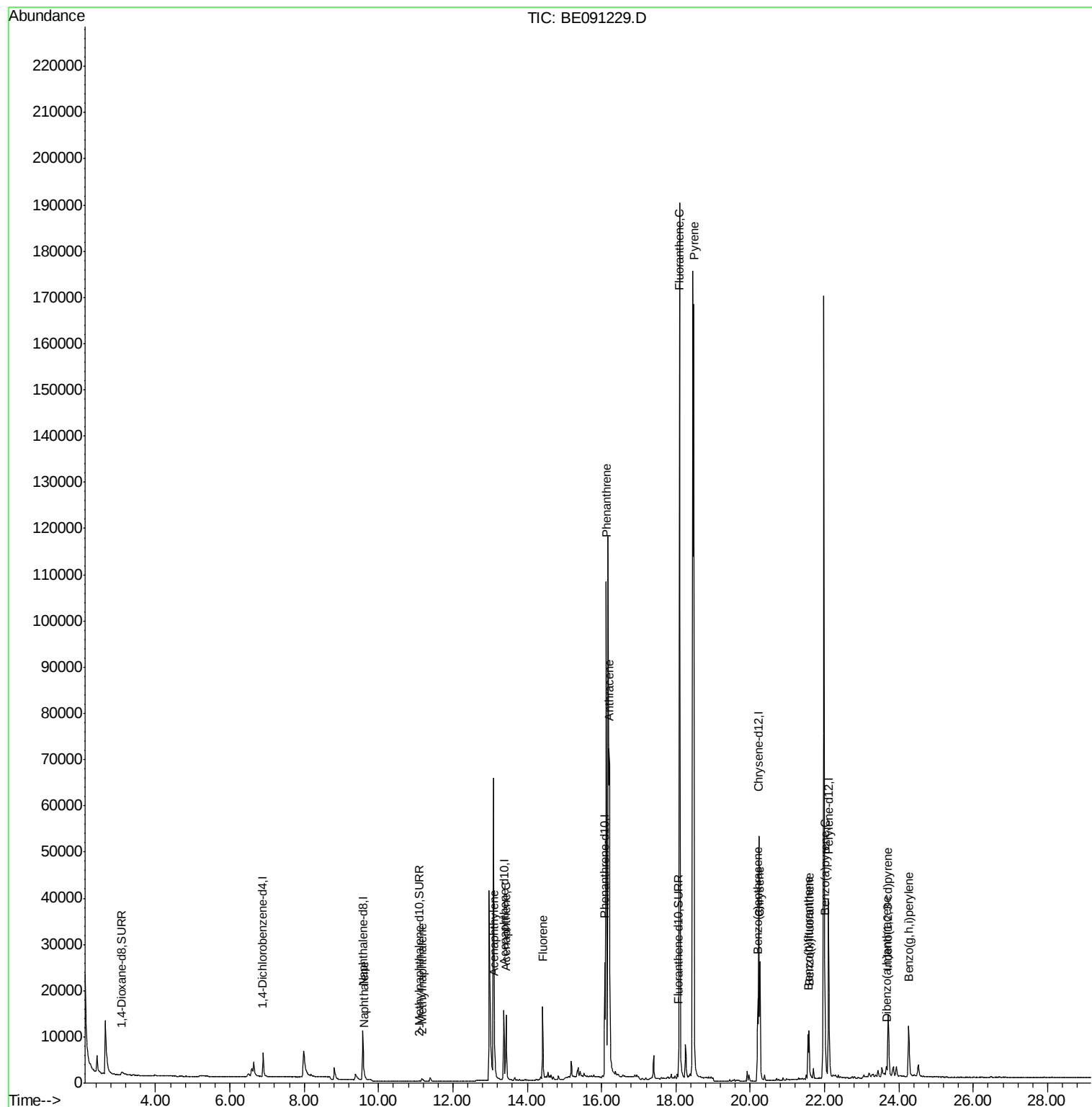
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
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ALS Vial : 36 Sample Multiplier: 1

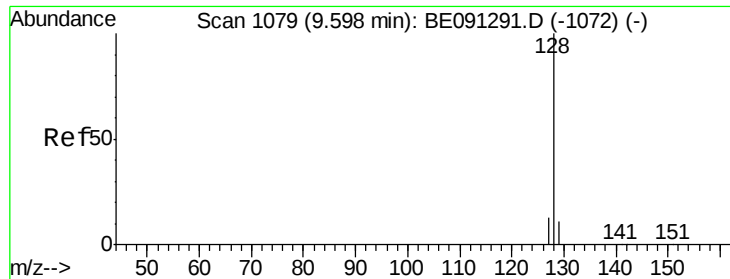
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QLast Update : Thu Nov 19 04:25:56 2015
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#5

Naphthalene

Concen: 0.03 ng/ul

RT: 9.61 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Instrument :

BNA_E

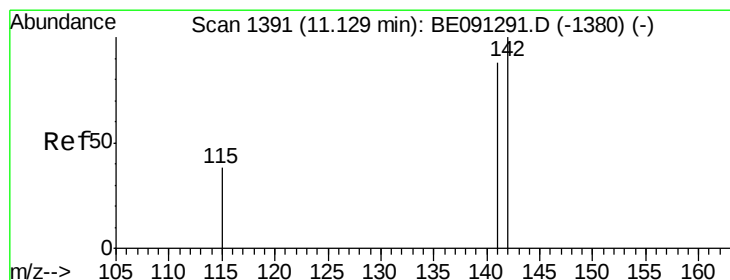
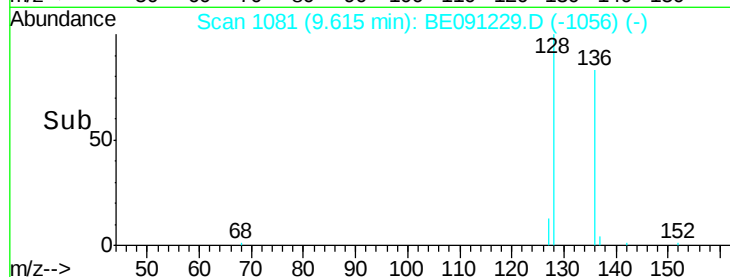
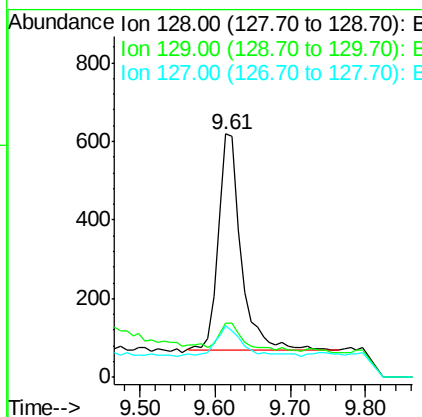
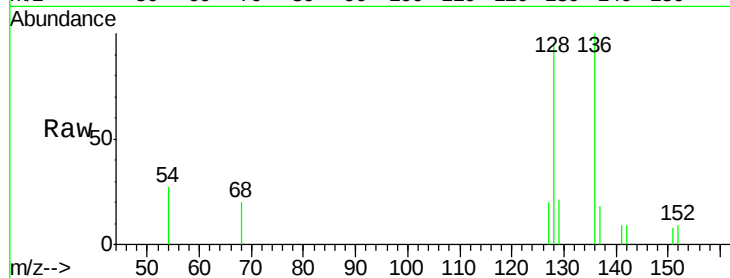
ClientSampleId :

C0AN9DL

Tgt Ion:	128	Resp:	1153
Ion Ratio	Lower	Upper	
128	100		
129	22.0	9.8	14.8#
127	21.0	10.7	16.1#

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#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

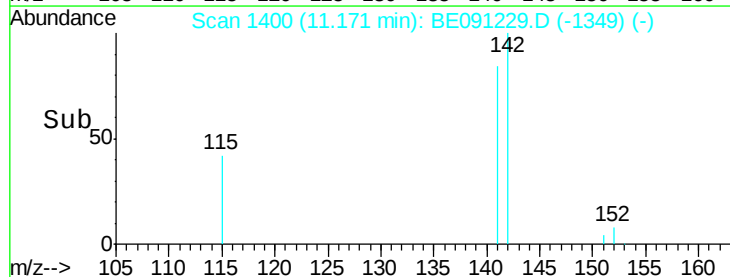
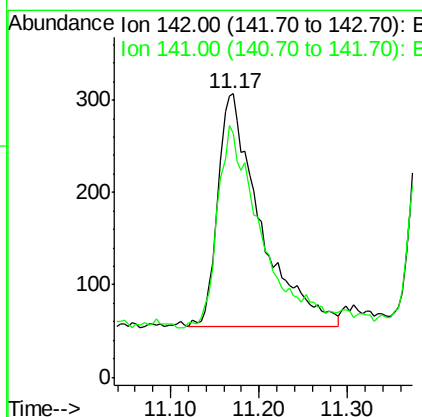
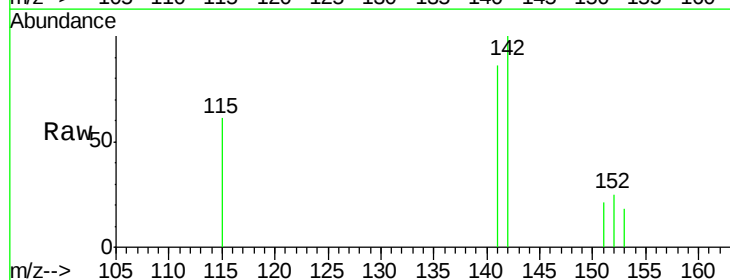
RT: 11.17 min Scan# 1400

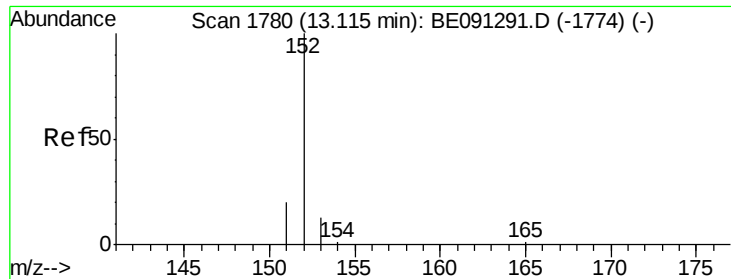
Delta R.T. 0.03 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Tgt Ion:	142	Resp:	833
Ion Ratio	Lower	Upper	
142	100		
141	94.4	70.3	105.5





#9

Acenaphthylene

Concen: 0.05 ng/ul

RT: 13.12 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE091229.D

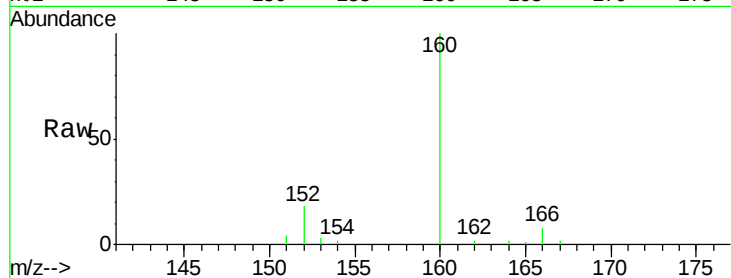
Acq: 18 Nov 2015 15:55

Instrument :

BNA_E

ClientSampleId :

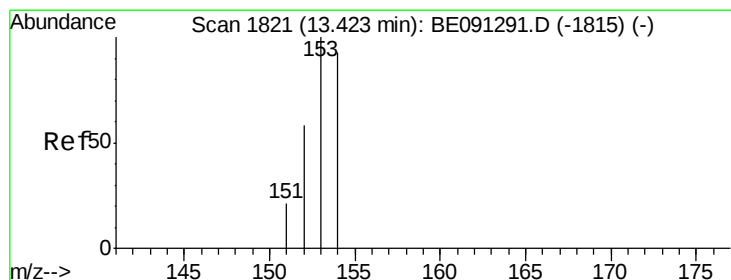
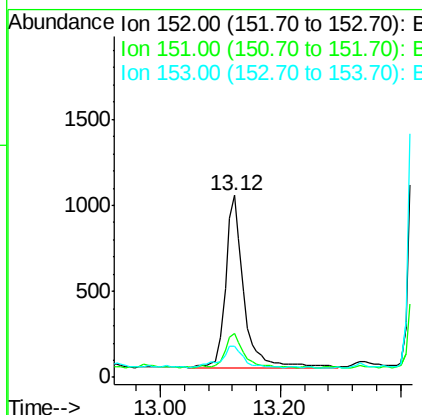
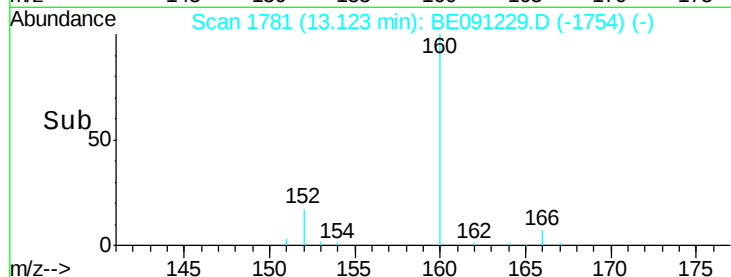
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.8	25.2
153	17.3	11.3	16.9

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#10

Acenaphthene

Concen: 0.30 ng/ul

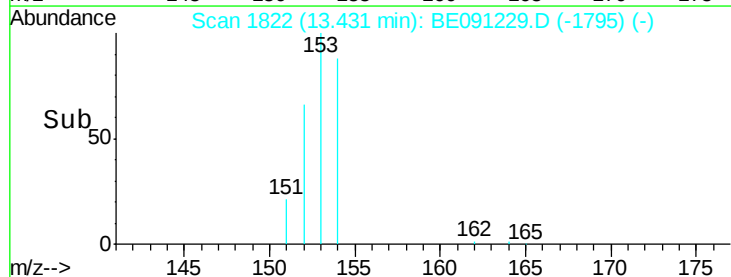
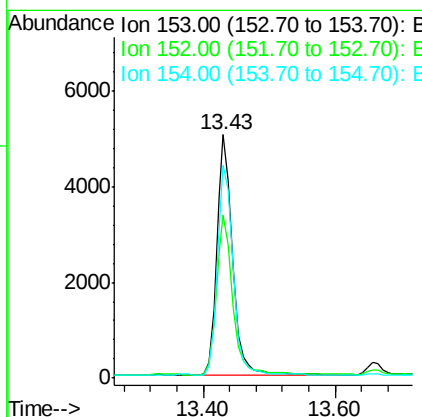
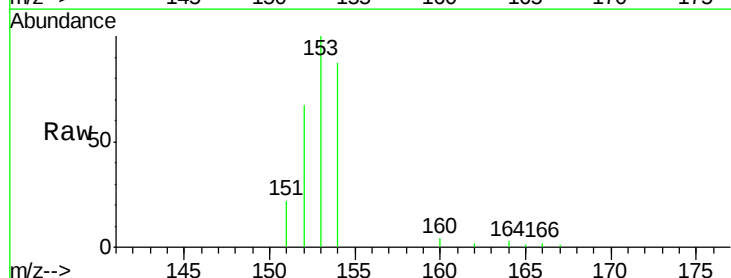
RT: 13.43 min Scan# 1822

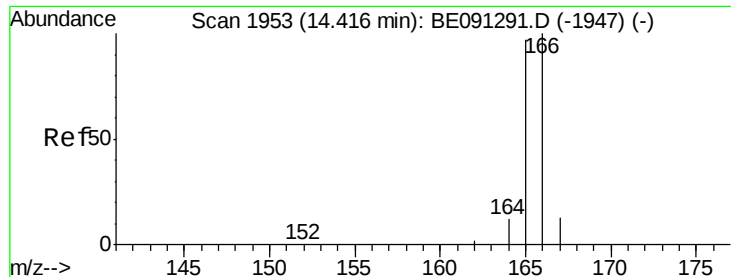
Delta R.T. -0.00 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	66.9	42.3	63.5
154	87.5	64.7	97.1





#11

Fluorene

Concen: 0.31 ng/ul

RT: 14.42 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BE091229.D

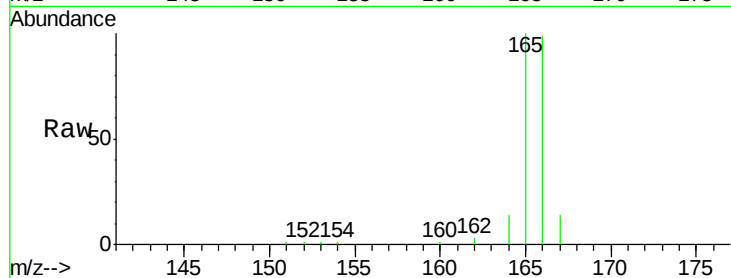
Acq: 18 Nov 2015 15:55

Instrument :

BNA_E

ClientSampleId :

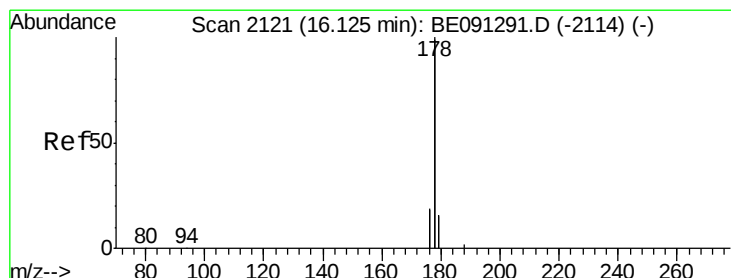
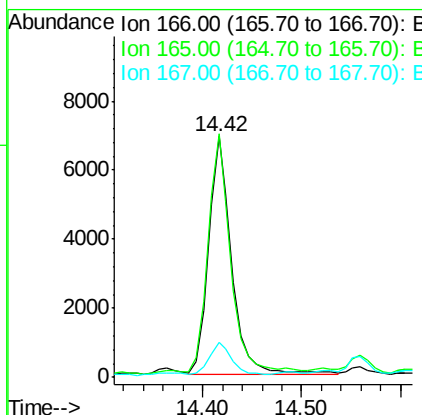
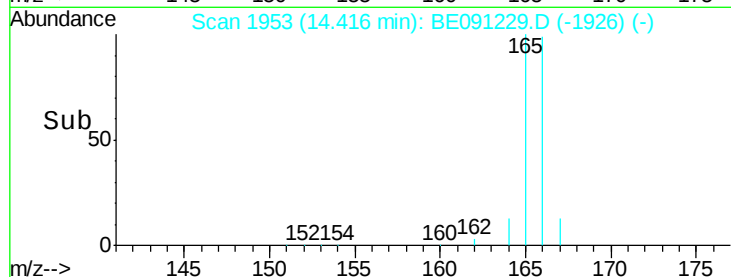
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Tgt Ion:	166	Resp:	11075
Ion Ratio	Lower	Upper	
166	100		
165	101.1	87.6	131.4
167	14.4	11.1	16.7

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#14

Phenanthrene

Concen: 0.36 ng/ul

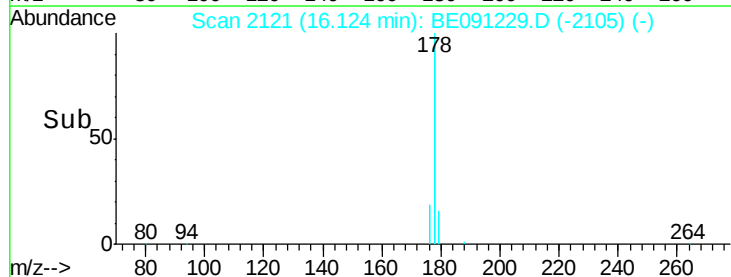
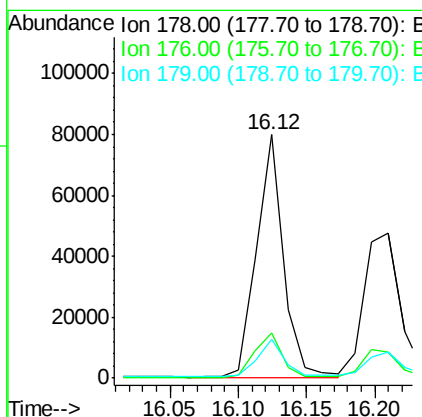
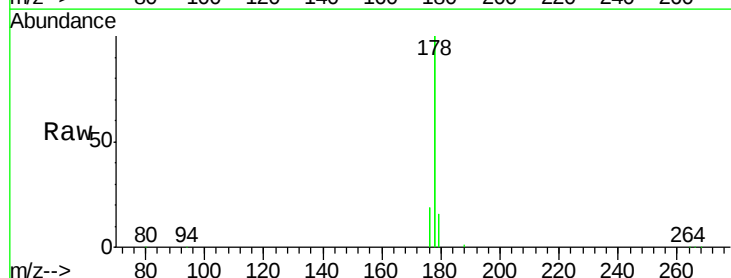
RT: 16.12 min Scan# 2121

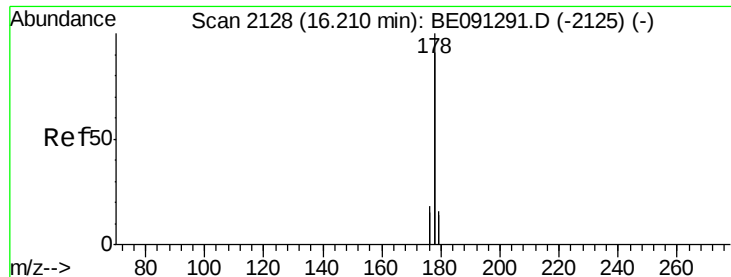
Delta R.T. -0.00 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Tgt Ion:	178	Resp:	108226
Ion Ratio	Lower	Upper	
178	100		
176	18.5	16.2	24.4
179	16.0	12.8	19.2





#15

Anthracene

Concen: 0.32 ng/ul

RT: 16.21 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Instrument :

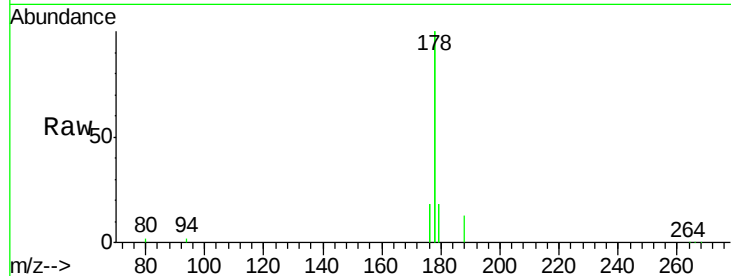
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ClientSampleId :

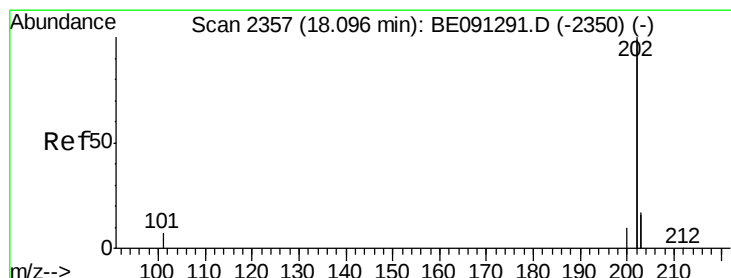
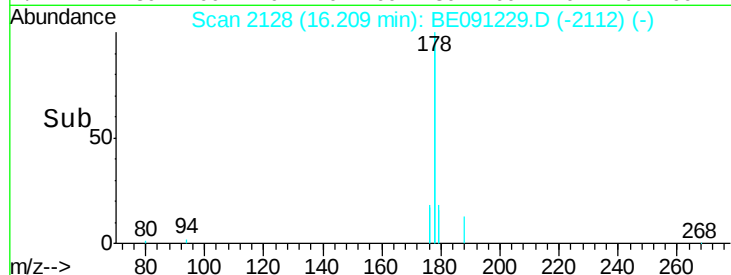
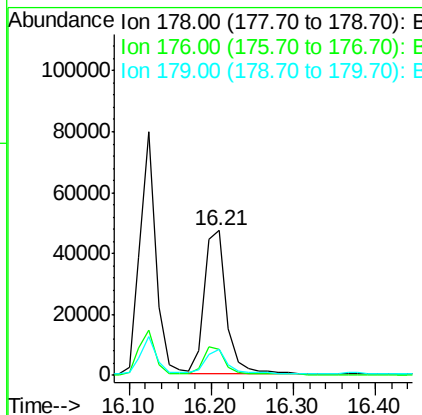
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Tgt Ion:	178	Resp:	89410
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.8	23.8
179	18.0	13.3	19.9



#17

Fluoranthene

Concen: 0.61 ng/ul

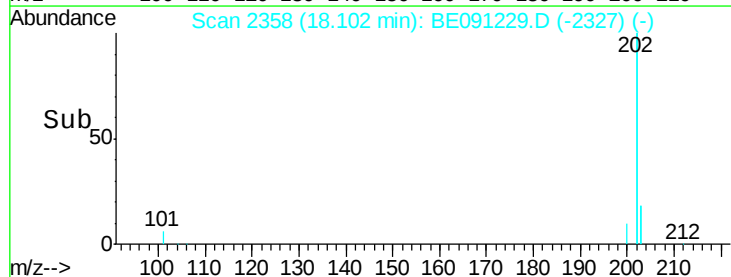
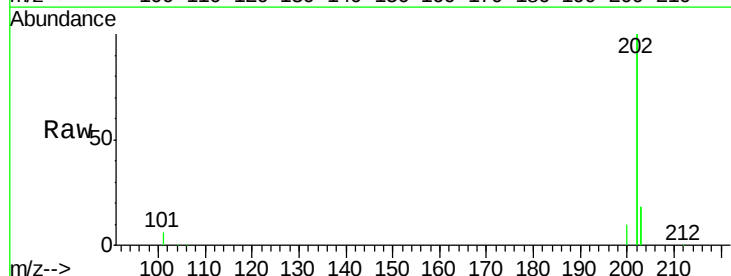
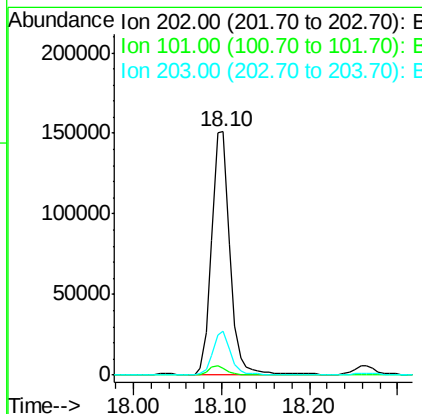
RT: 18.10 min Scan# 2358

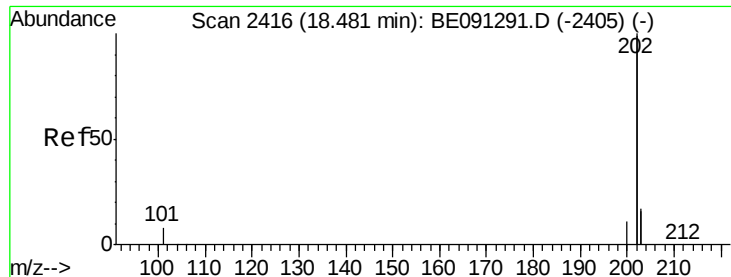
Delta R.T. 0.00 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Tgt Ion:	202	Resp:	217338
Ion Ratio	Lower	Upper	
202	100		
101	2.9	0.0	33.1
203	18.2	0.0	37.2





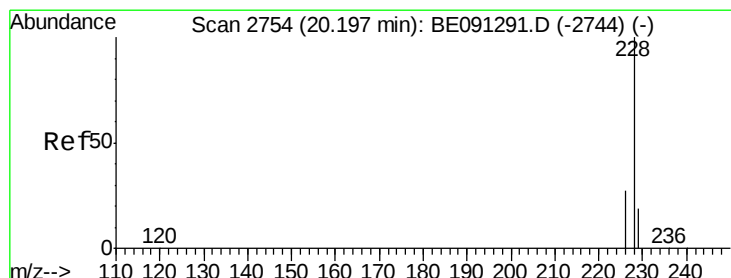
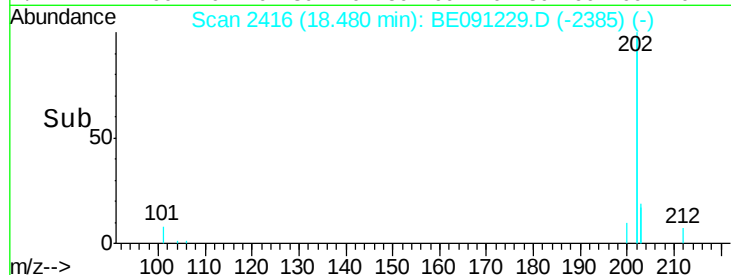
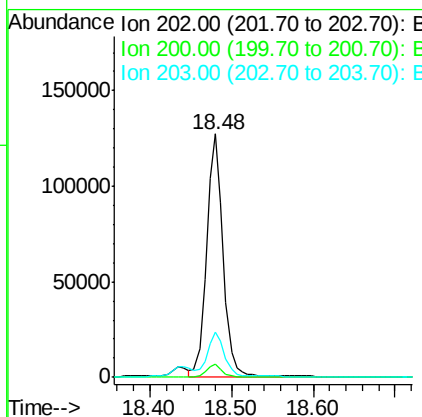
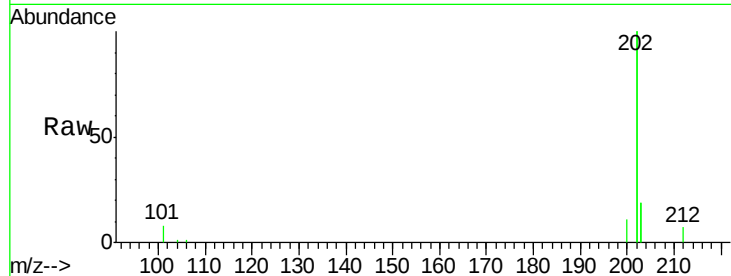
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Pyrene
Concen: 0.33 ng/ul
RT: 18.48 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	177875		
200	5.3	18.0	27.0#	
203	18.5	13.8	20.6	

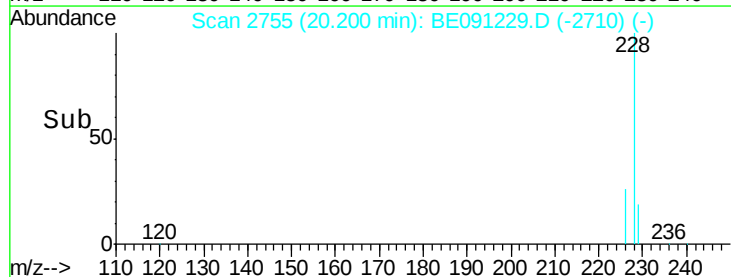
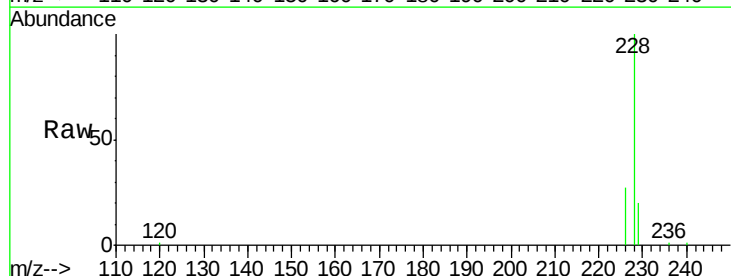
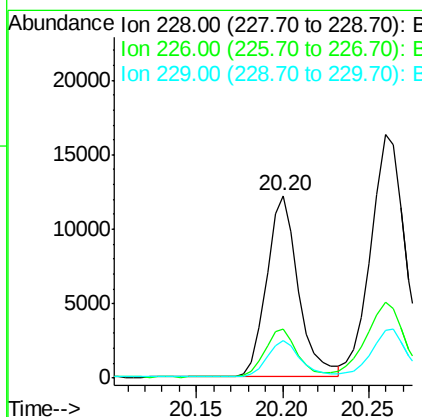
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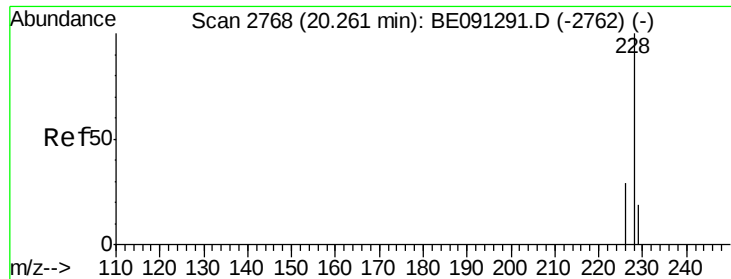
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#20
Benzo(a)anthracene
Concen: 0.13 ng/ul
RT: 20.20 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	15625		
226	26.7	23.0	34.4	
229	20.2	15.2	22.8	





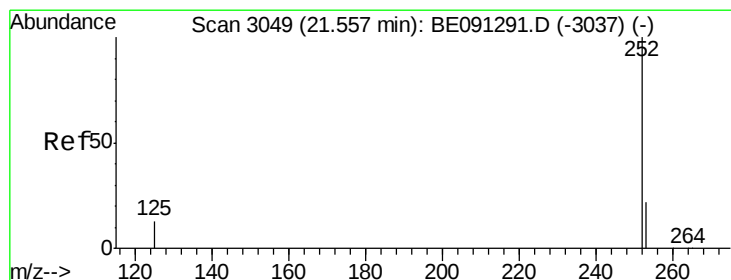
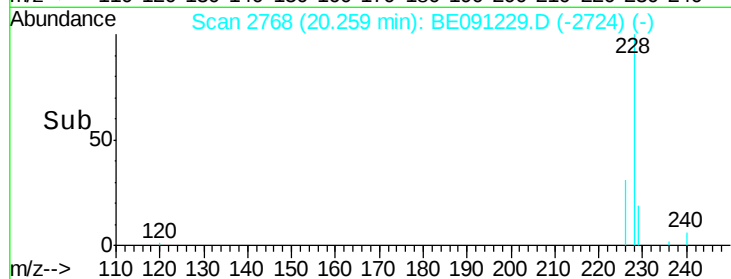
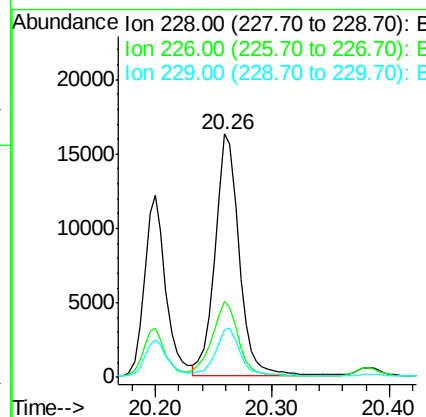
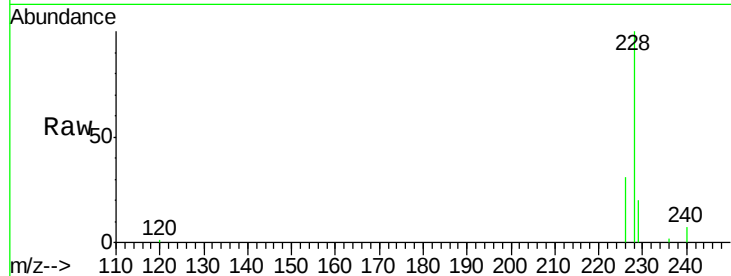
#21
Chrysene
Concen: 0.17 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

Instrument :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	19.9	15.2	22.8

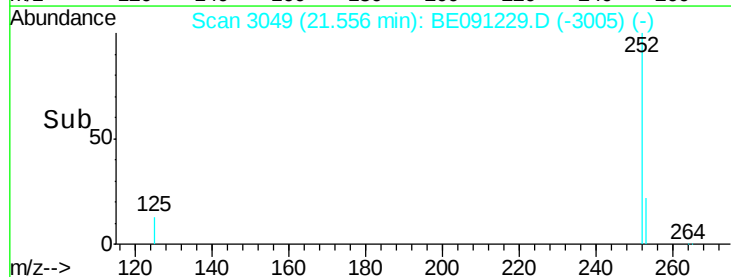
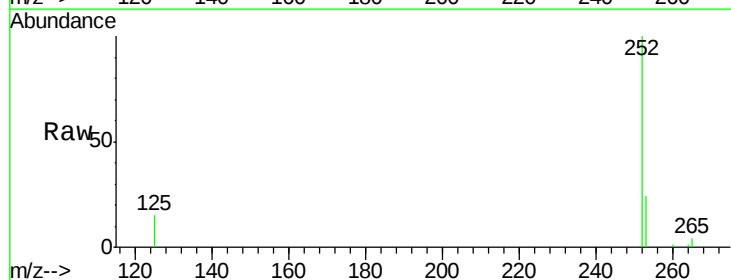
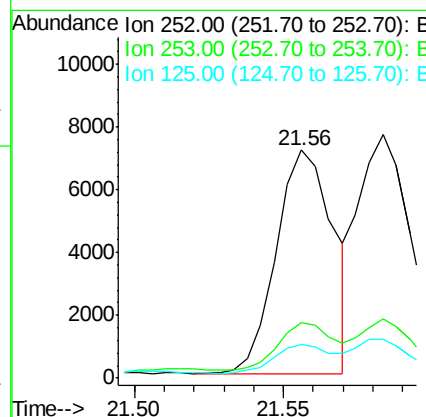
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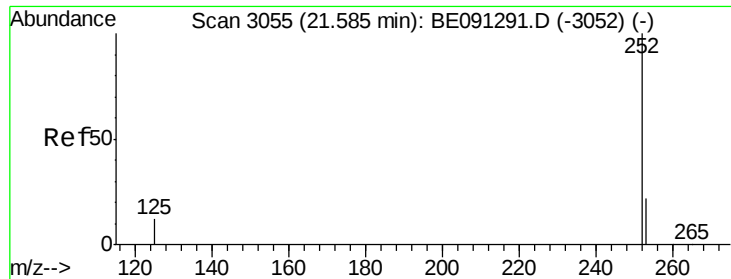
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#23
Benzo(b)fluoranthene
Concen: 0.07 ng/ul
RT: 21.56 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

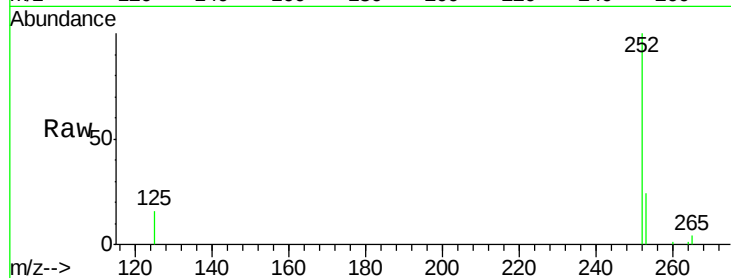
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	48.0
125	14.6	0.0	36.6





#24
Benzo(k)fluoranthene
Concen: 0.08 ng/ul
RT: 21.58 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

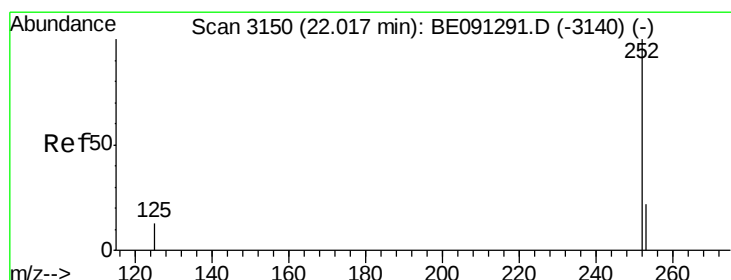
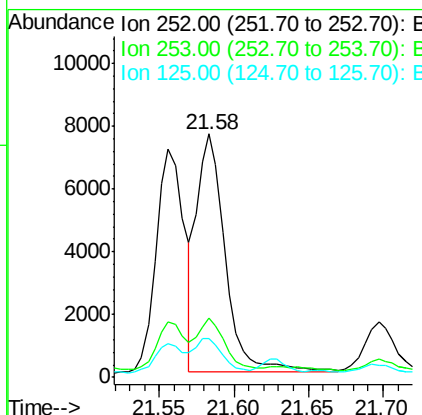
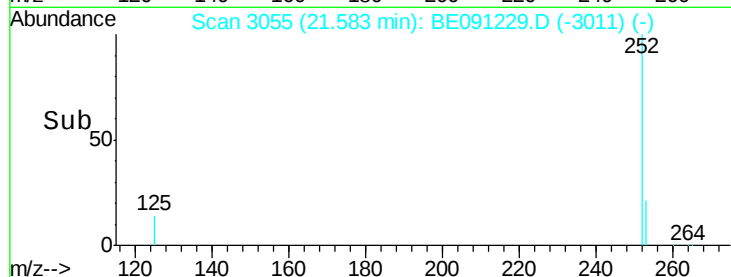
Instrument :
BNA_E
ClientSampleId :
C0AN9DL



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.8	31.2
125	16.0	12.2	18.4

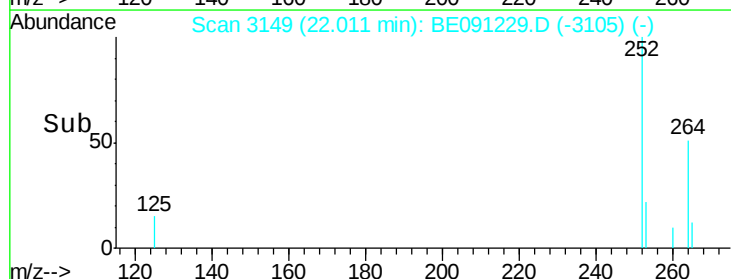
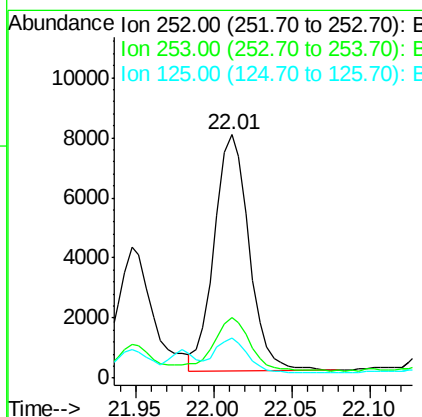
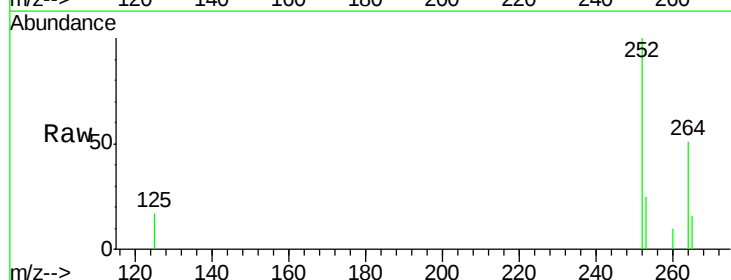
Manual Integrations
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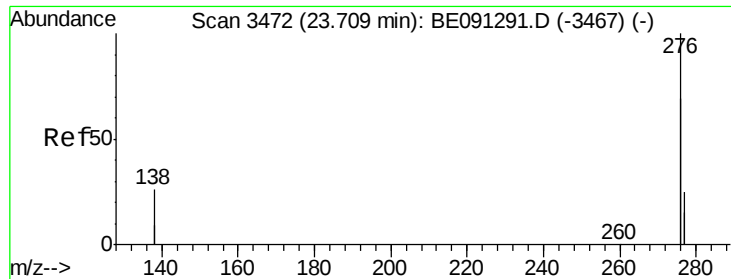
Mmdadoda
11/19/2015 6:46:37 PM



#25
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 22.01 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BE091229.D
Acq: 18 Nov 2015 15:55

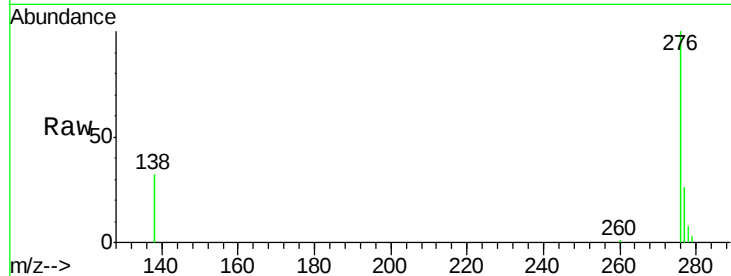
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.8	32.8
125	16.6	14.5	21.7





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 23.71 min Scan# 3472
 Delta R.T. 0.01 min
 Lab File: BE091229.D
 Acq: 18 Nov 2015 15:55

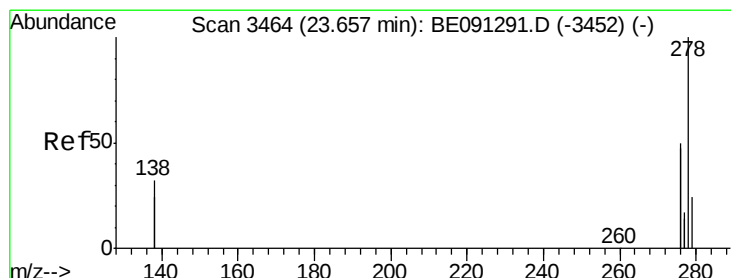
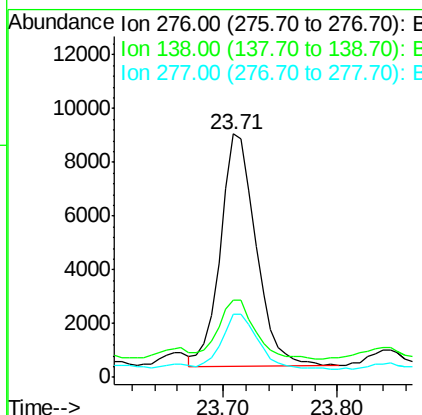
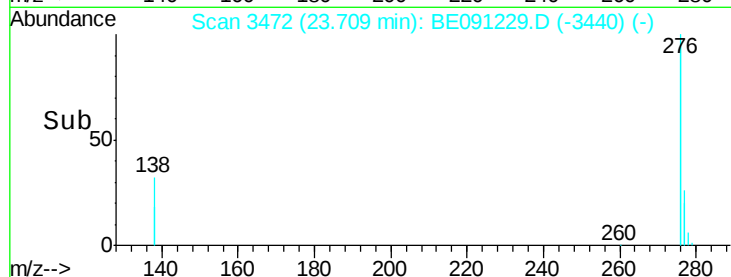
Instrument :
 BNA_E
 ClientSampleId :
 C0AN9DL



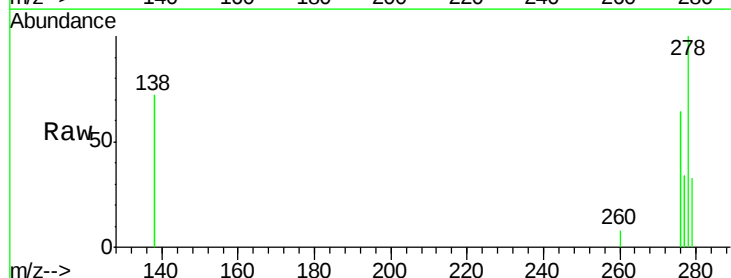
Tgt Ion: 276 Resp: 18677
 Ion Ratio Lower Upper
 276 100
 138 26.8 27.5 41.3#
 277 23.9 19.3 28.9

Manual Integrations
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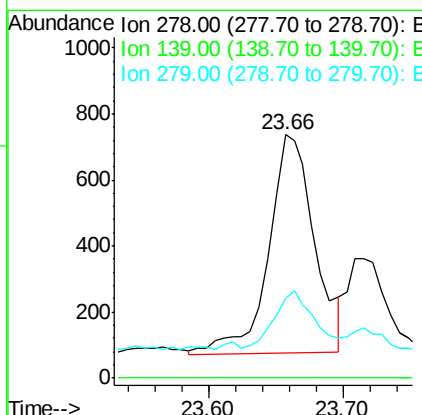
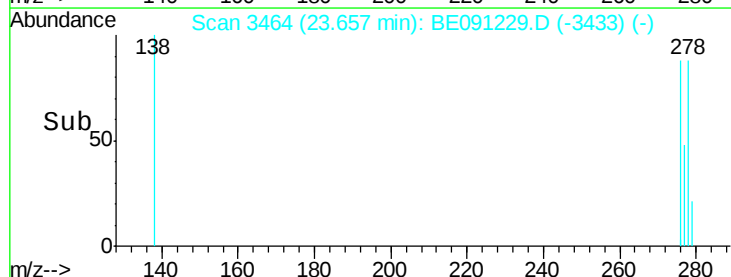
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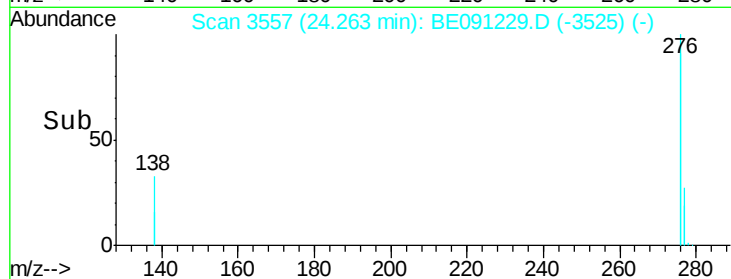
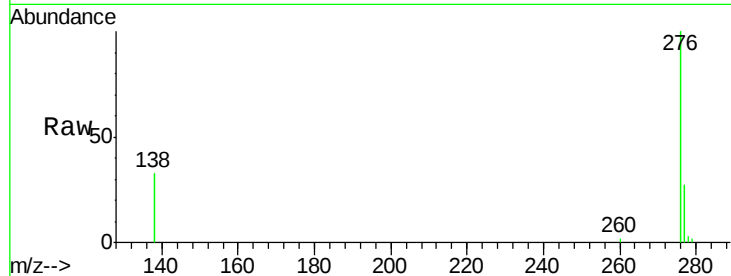
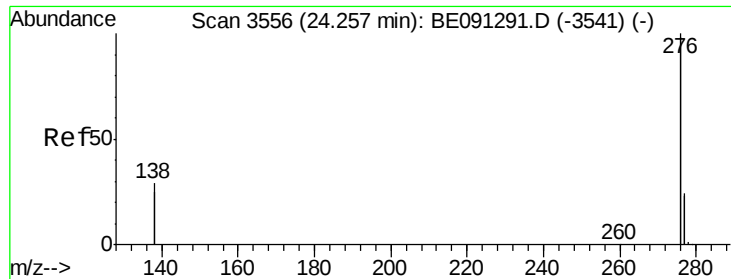


#27
 Dibenzo(a,h)anthracene
 Concen: 0.01 ng/ul
 RT: 23.66 min Scan# 3464
 Delta R.T. -0.00 min
 Lab File: BE091229.D
 Acq: 18 Nov 2015 15:55



Tgt Ion: 278 Resp: 1577
 Ion Ratio Lower Upper
 278 100
 139 0.0 21.7 32.5#
 279 32.7 21.9 32.9





#28

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 24.26 min Scan# 3557

Delta R.T. 0.01 min

Lab File: BE091229.D

Acq: 18 Nov 2015 15:55

Instrument :

BNA_E

ClientSampleId :

C0AN9DL

Tgt Ion:	276	Resp:	18365
Ion Ratio	Lower	Upper	
276	100		
277	27.0	21.3	31.9
138	33.2	25.5	38.3

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