

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
 Data File : BE091289.D
 Acq On : 21 Nov 2015 22:55
 Operator : UM/NP
 Sample : G4345-26MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J69MS

Manual Integrations
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 11/23/2015 2:14:37 PM

Quant Time: Nov 23 10:36:50 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 : Sun Nov 22 01:59:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	2647	0.40	ng/ul	0.00
4) Naphthalene-d8	9.56	136	12735	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	6950	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	16682	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	19470	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	17233m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	11.06	152	5679	0.33	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	17644	0.38	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	9.60	128	1543	0.05	ng/ul#	84
10) Acenaphthene	13.42	153	1449	0.06	ng/ul	93
11) Fluorene	14.41	166	2247	0.07	ng/ul#	97
13) Pentachlorophenol	15.86	266	899	0.57	ng/ul	96
14) Phenanthrene	16.12	178	120598	0.63	ng/ul	96
15) Anthracene	16.20	178	23129	0.13	ng/ul	96
17) Fluoranthene	18.10	202	119369	0.53	ng/ul	88
19) Pyrene	18.47	202	92422	0.42	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	9310m	0.19	ng/ul	
21) Chrysene	20.26	228	10068	0.17	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	6994	0.13	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	6447m	0.12	ng/ul	
26) Indeno(1,2,3-cd)pyrene	23.70	276	17752m	0.09	ng/ul	
28) Benzo(g,h,i)perylene	24.26	276	19958m	0.09	ng/ul	

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

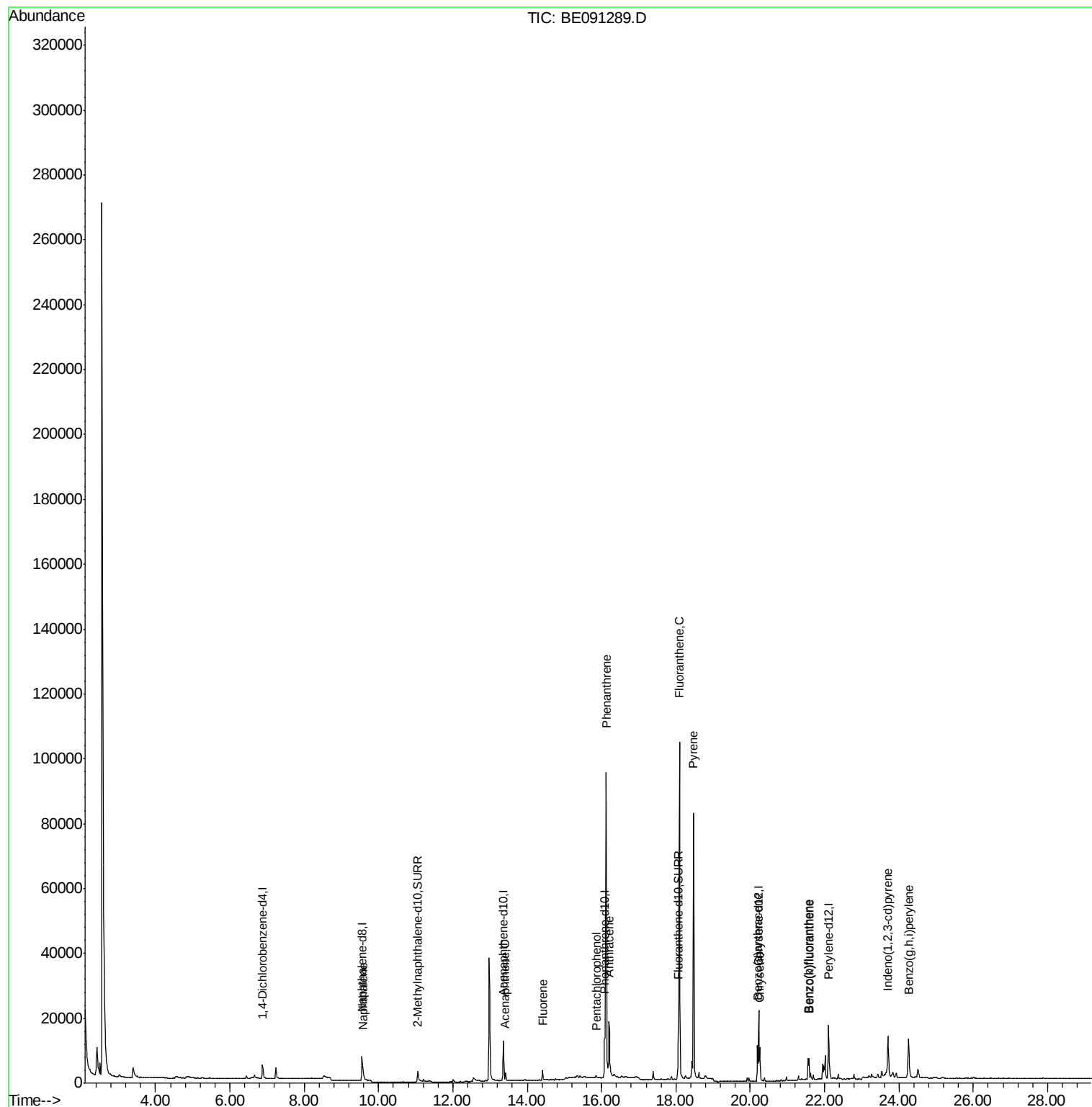
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091289.D
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Operator : UM/NP
Sample : G4345-26MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

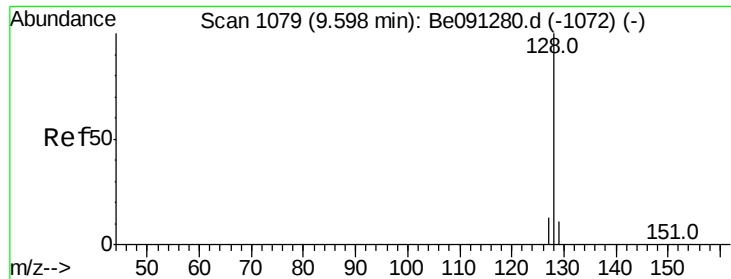
Instrument :
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QLast Update : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.05 ng/ul

RT: 9.60 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Instrument :

BNA_E

ClientSampleId :

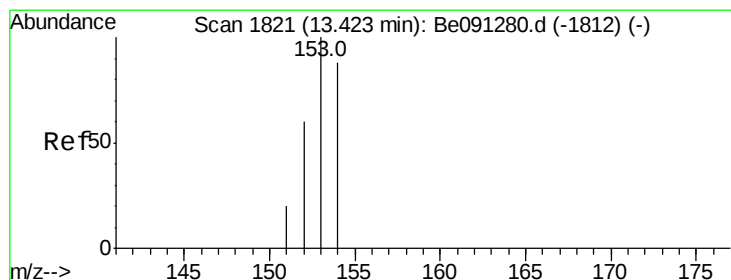
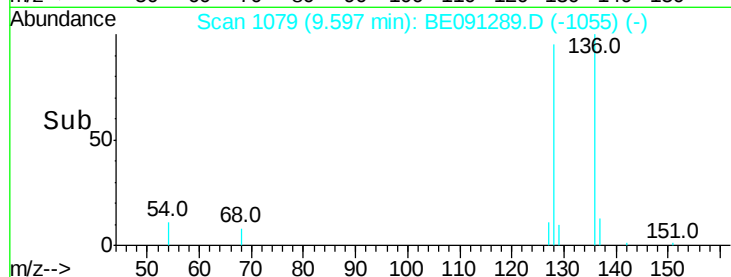
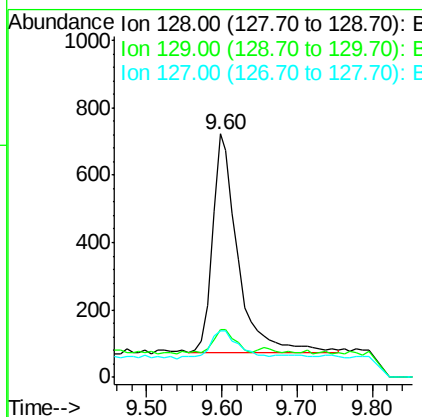
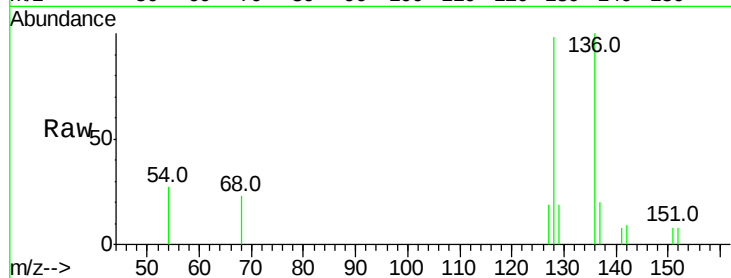
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Tot Ion:	128	Resp:	1543
Ion	Ratio	Lower	Upper
128	100		
129	19.5	9.8	14.8#
127	19.1	10.7	16.1#



#10

Acenaphthene

Concen: 0.06 ng/ul

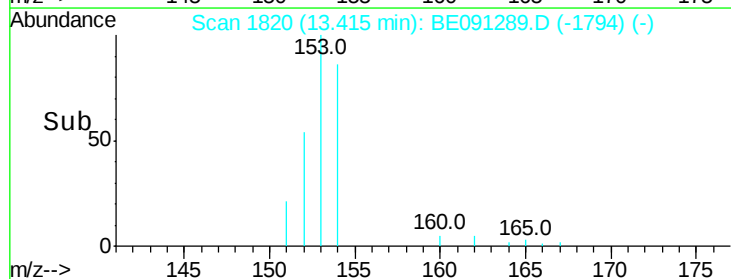
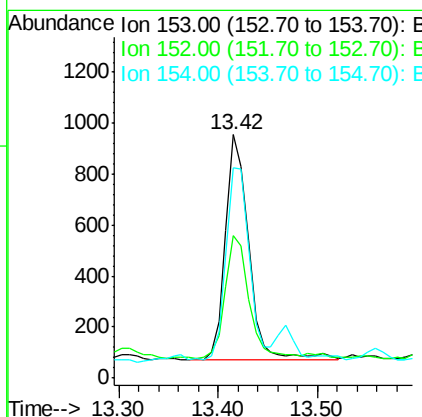
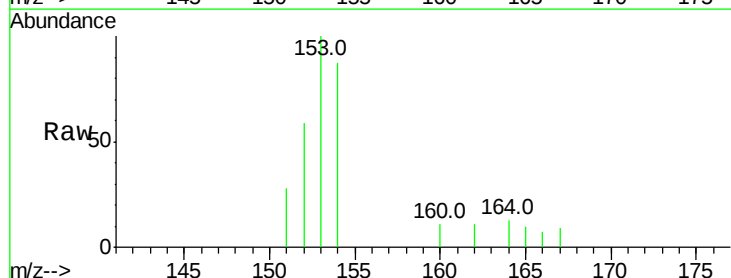
RT: 13.42 min Scan# 1820

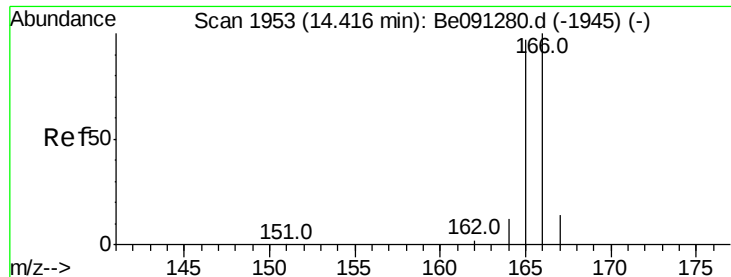
Delta R.T. -0.01 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Tgt Ion:	153	Resp:	1449
Ion	Ratio	Lower	Upper
153	100		
152	58.6	42.3	63.5
154	86.5	64.7	97.1





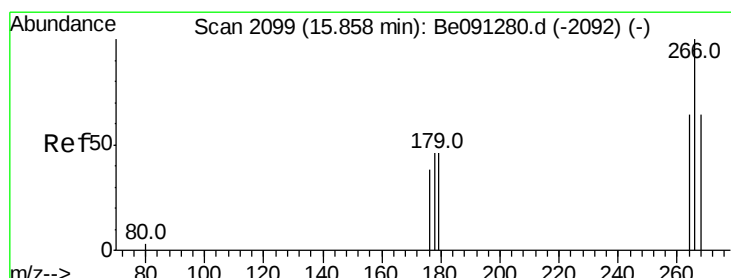
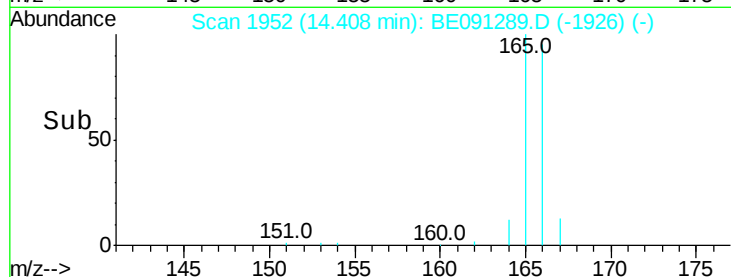
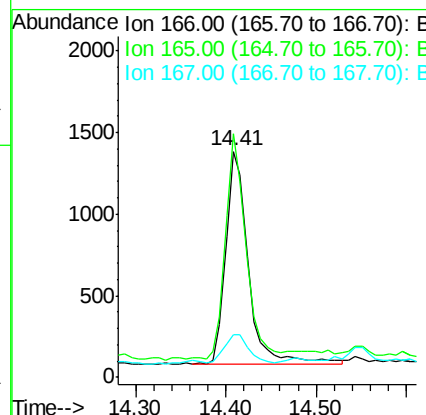
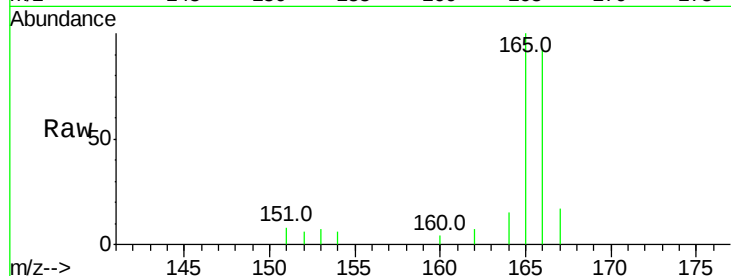
#11
Fluorene
Concen: 0.07 ng/ul
RT: 14.41 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BE091289.D
Acq: 21 Nov 2015 22:55

Instrument :
BNA_E
ClientSampleId :
A4J69MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.6	87.6	131.4
167	18.7	11.1	16.7#

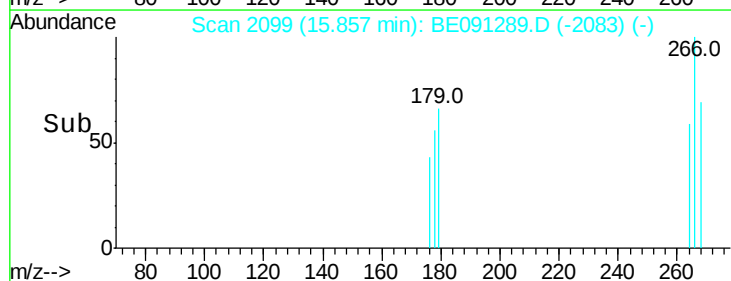
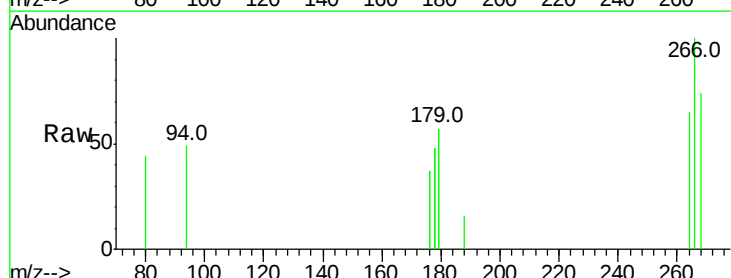
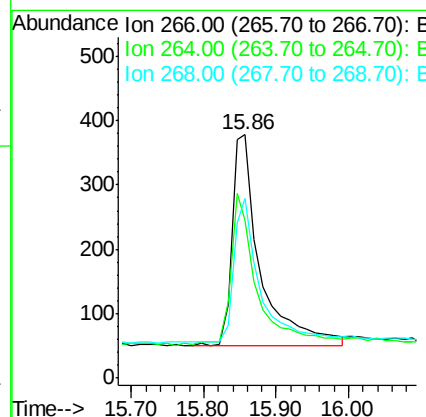
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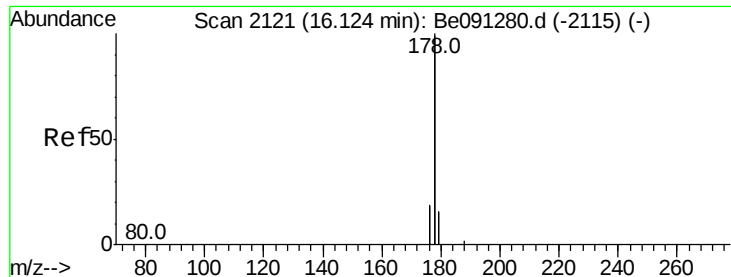
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#13
Pentachlorophenol
Concen: 0.57 ng/ul
RT: 15.86 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BE091289.D
Acq: 21 Nov 2015 22:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.9	53.5	80.3
268	64.0	54.2	81.2





#14

Phenanthrene

Concen: 0.63 ng/ul

RT: 16.12 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Instrument :

BNA_E

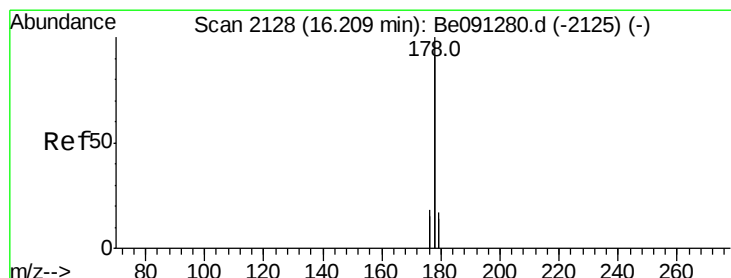
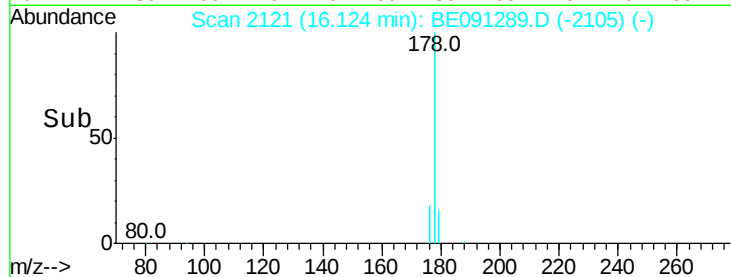
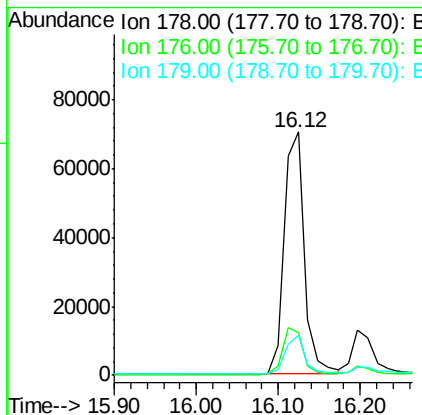
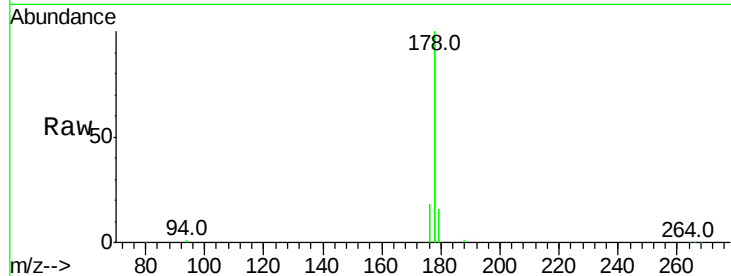
ClientSampleId :

A4J69MS

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Tot Ion:	178	Resp:	120598
Ion Ratio	Lower	Upper	
178	100		
176	17.6	16.2	24.4
179	16.5	12.8	19.2



#15

Anthracene

Concen: 0.13 ng/ul

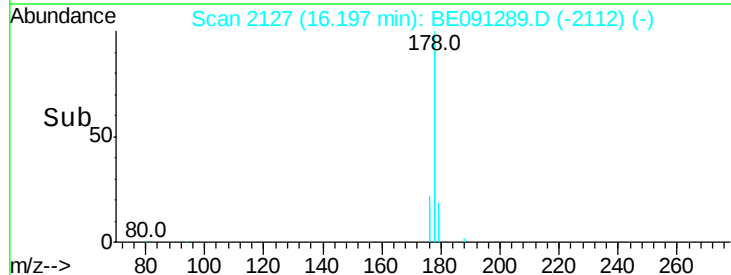
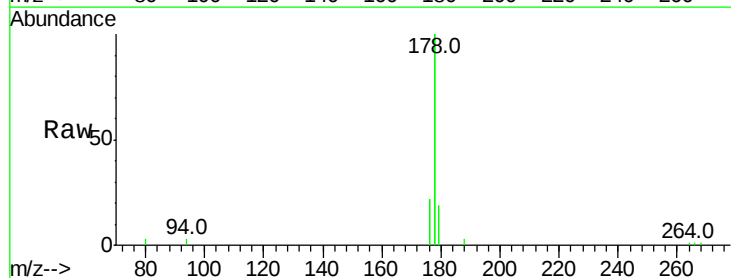
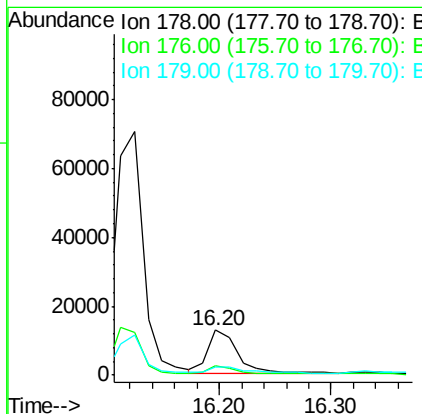
RT: 16.20 min Scan# 2127

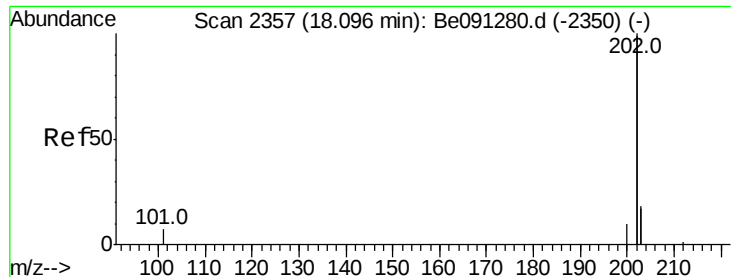
Delta R.T. -0.01 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Tgt Ion:	178	Resp:	23129
Ion Ratio	Lower	Upper	
178	100		
176	21.7	15.8	23.8
179	18.6	13.3	19.9





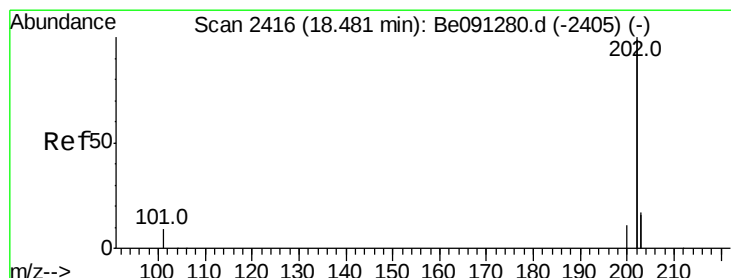
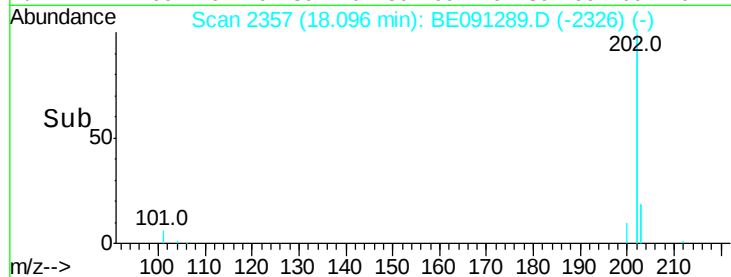
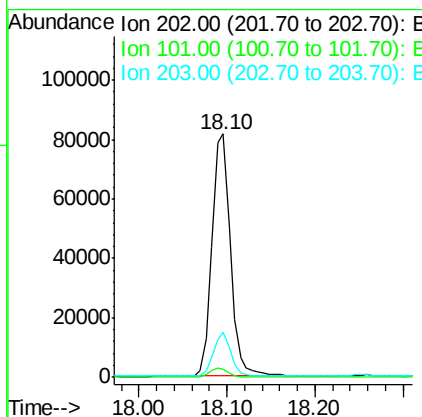
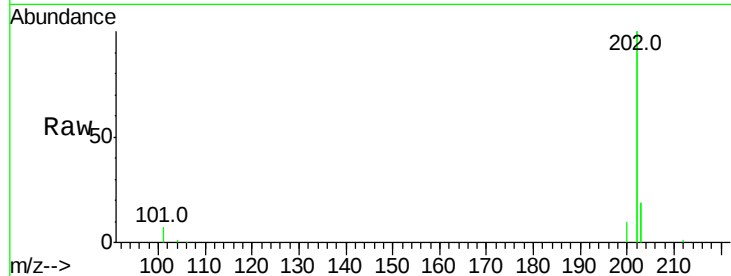
#17
Fluoranthene
 Concen: 0.53 ng/ul
 RT: 18.10 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BE091289.D
 Acq: 21 Nov 2015 22:55

Instrument :
 BNA_E
 ClientSampleId :
 A4J69MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	119369		
101	3.3	0.0	33.1	
203	18.6	0.0	37.2	

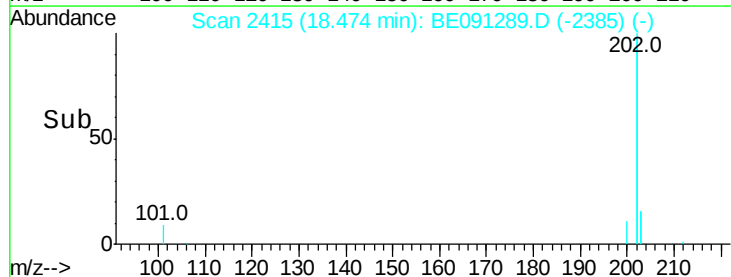
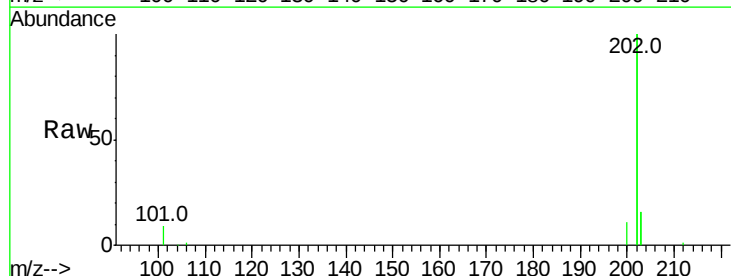
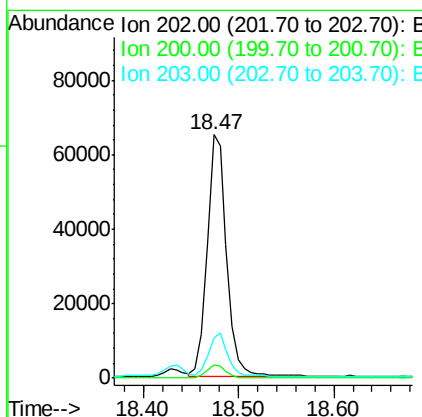
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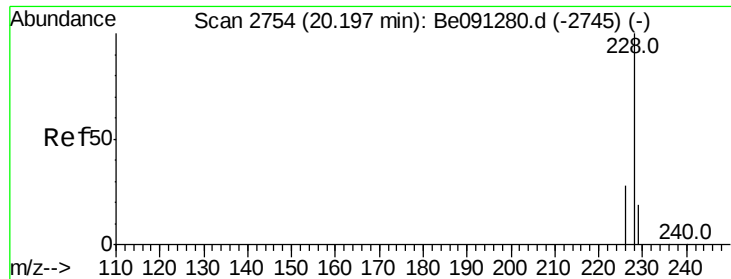
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#19
Pyrene
 Concen: 0.42 ng/ul
 RT: 18.47 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BE091289.D
 Acq: 21 Nov 2015 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	92422		
200	5.5	18.0	27.0#	
203	16.4	13.8	20.6	





#20

Benzo(a)anthracene

Concen: 0.19 ng/ul m

RT: 20.20 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Instrument :

BNA_E

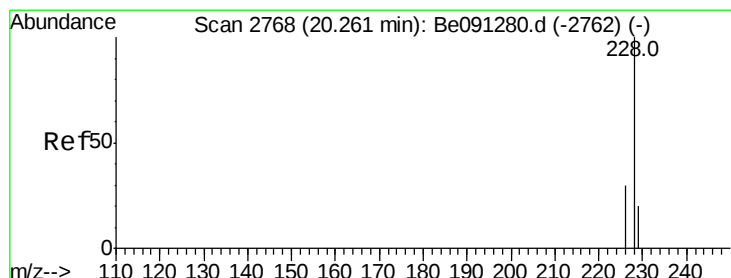
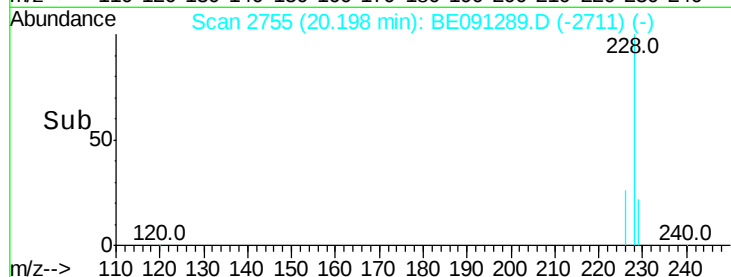
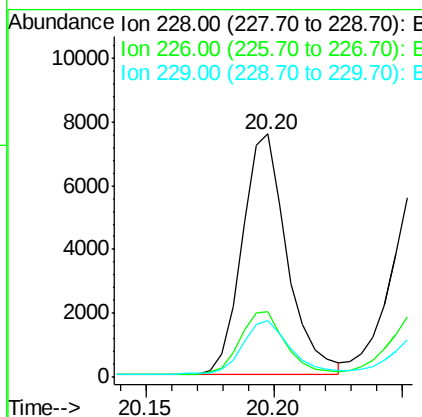
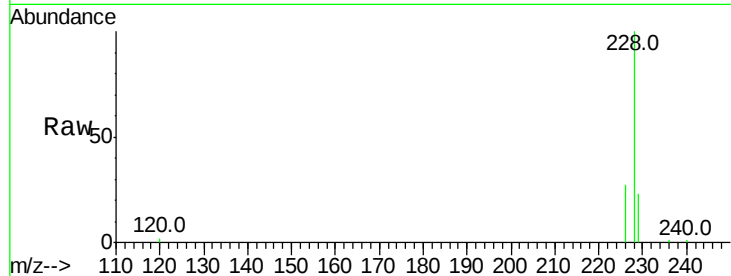
ClientSampleId :

A4J69MS

Tot Ion:	228	Resp:	9310
Ion Ratio	Lower	Upper	
228	100		
226	26.9	23.0	34.4
229	23.3	15.2	22.8#

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#21

Chrysene

Concen: 0.17 ng/ul

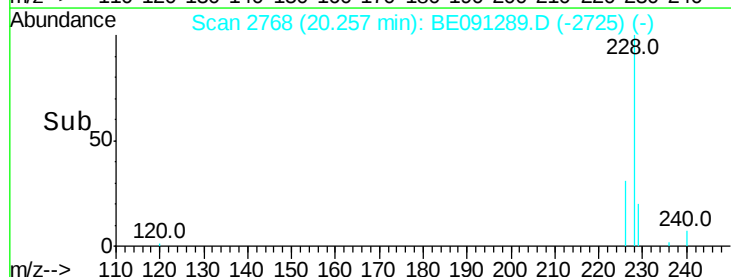
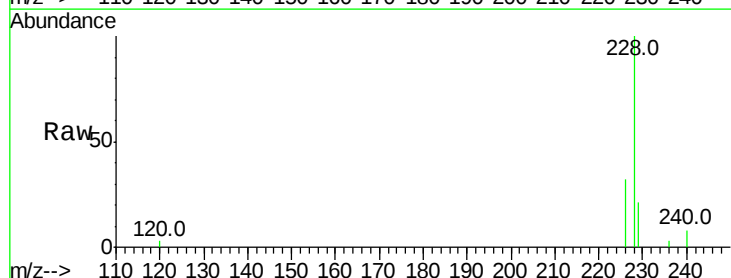
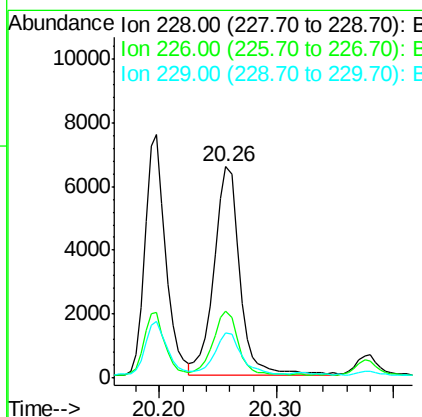
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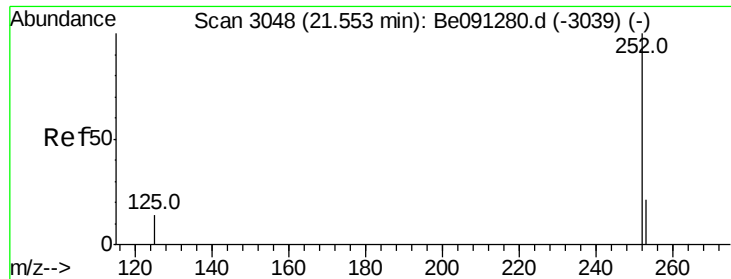
Delta R.T. -0.00 min

Lab File: BE091289.D

Acq: 21 Nov 2015 22:55

Tgt Ion:	228	Resp:	10068
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.7	38.5
229	21.4	15.2	22.8





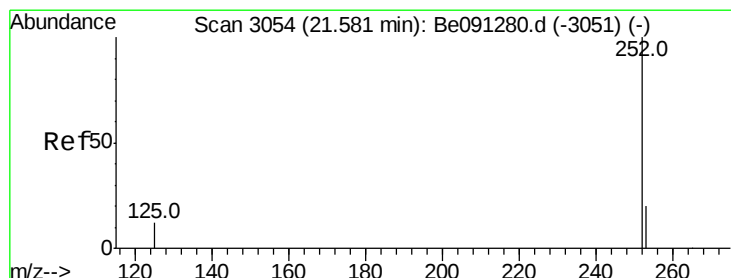
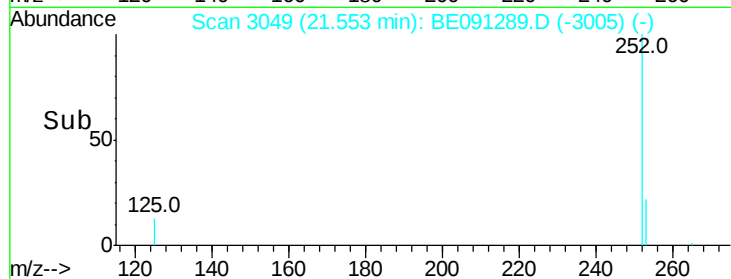
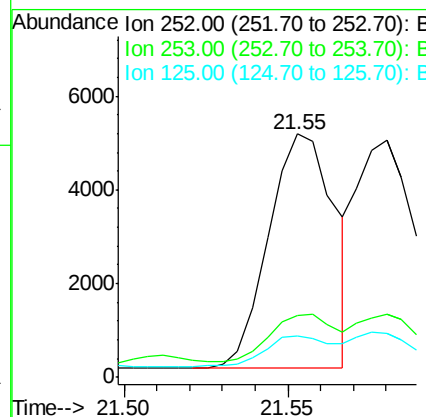
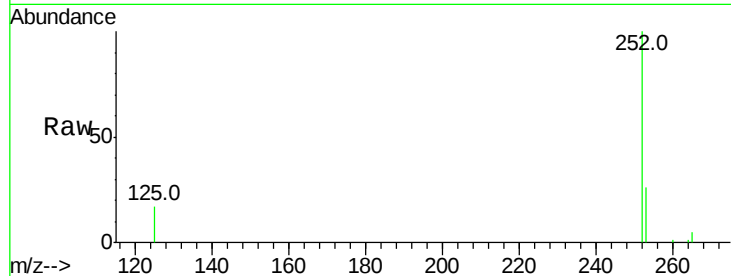
#23
Benzo(b)fluoranthene
Concen: 0.13 ng/ul
RT: 21.55 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BE091289.D
Acq: 21 Nov 2015 22:55

Instrument :
BNA_E
ClientSampleId :
A4J69MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	48.0
125	16.9	0.0	36.6

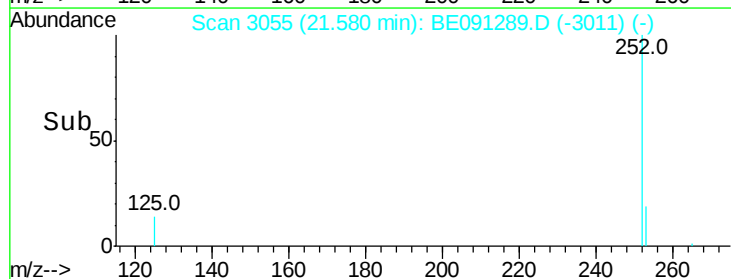
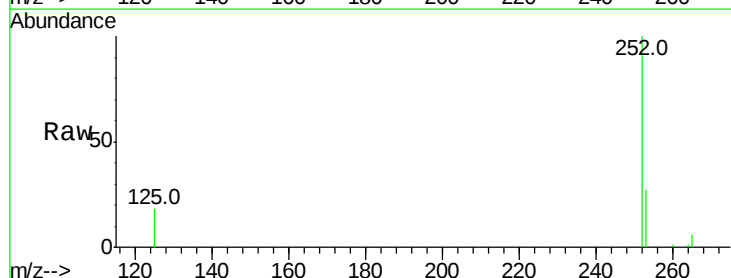
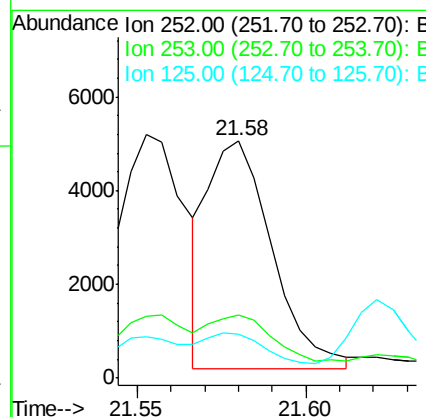
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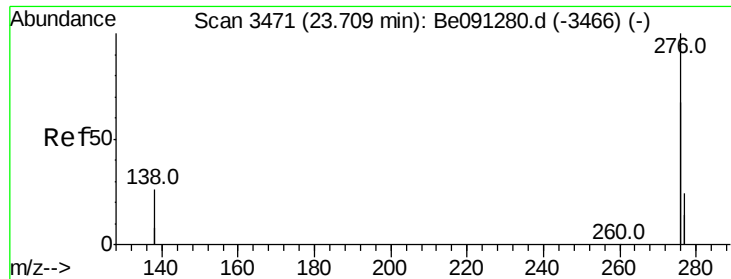
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11/23/2015 2:14:37 PM



#24
Benzo(k)fluoranthene
Concen: 0.12 ng/ul m
RT: 21.58 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BE091289.D
Acq: 21 Nov 2015 22:55

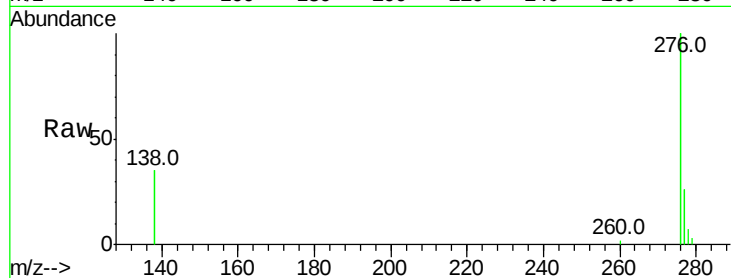
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.8	31.2
125	18.3	12.2	18.4





#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.09 ng/ul m
 RT: 23.70 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BE091289.D
 Acq: 21 Nov 2015 22:55

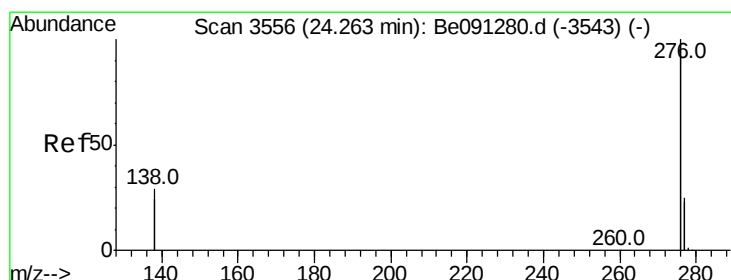
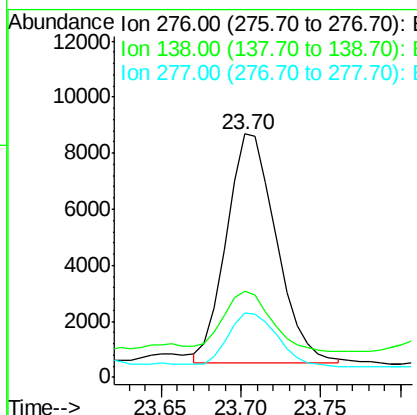
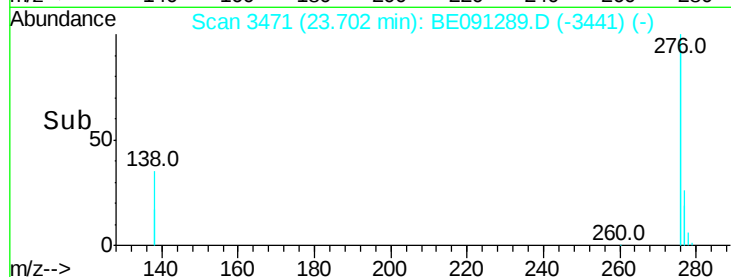
Instrument :
 BNA_E
 ClientSampleId :
 A4J69MS



Tot Ion	Ratio	Resp	Lower	Upper
276	100	17752		
138	4.0	27.5	41.3#	
277	4.7	19.3	28.9#	

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#28
 Benzo(g,h,i)perylene
 Concen: 0.09 ng/ul m
 RT: 24.26 min Scan# 3556
 Delta R.T. -0.01 min
 Lab File: BE091289.D
 Acq: 21 Nov 2015 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	19958		
277	26.7	21.3	31.9	
138	35.1	25.5	38.3	

