

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091641.D
 Acq On : 11 Apr 2016 23:01
 Operator : UM/SJ
 Sample : H2090-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

Manual Integrations
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Quant Time: Apr 12 06:58:43 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	74331	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	366559	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	223912	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	547788	5.00	ng	0.00
26) Chrysene-d12	21.31	240	697407	5.00	ng	0.00
35) Perylene-d12	23.76	264	635439	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	41560	2.34	ng	0.00
5) Phenol-d6	6.97	99	36592	1.55	ng	0.00
8) Nitrobenzene-d5	8.96	82	77334	3.63	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	71309	8.68	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	238554	3.83	ng	0.00
29) Terphenyl-d14	19.76	244	458775	5.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Benzo(a)anthracene	21.29	228	5972m	0.04	ng	
32) Chrysene	21.33	228	4197m	0.03	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	12953	0.37	ng	# 83
34) Indeno(1,2,3-cd)pyrene	26.32	276	4004	0.03	ng	# 98
36) Benzo(b)fluoranthene	23.01	252	3874	0.03	ng	# 73
37) Benzo(k)fluoranthene	23.06	252	3708	0.03	ng	# 80
38) Benzo(a)pyrene	23.65	252	3162	0.02	ng	# 64
39) Dibenzo(a,h)anthracene	26.35	278	3777	0.03	ng	# 89
40) Benzo(g,h,i)perylene	27.10	276	3555	0.03	ng	# 91

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

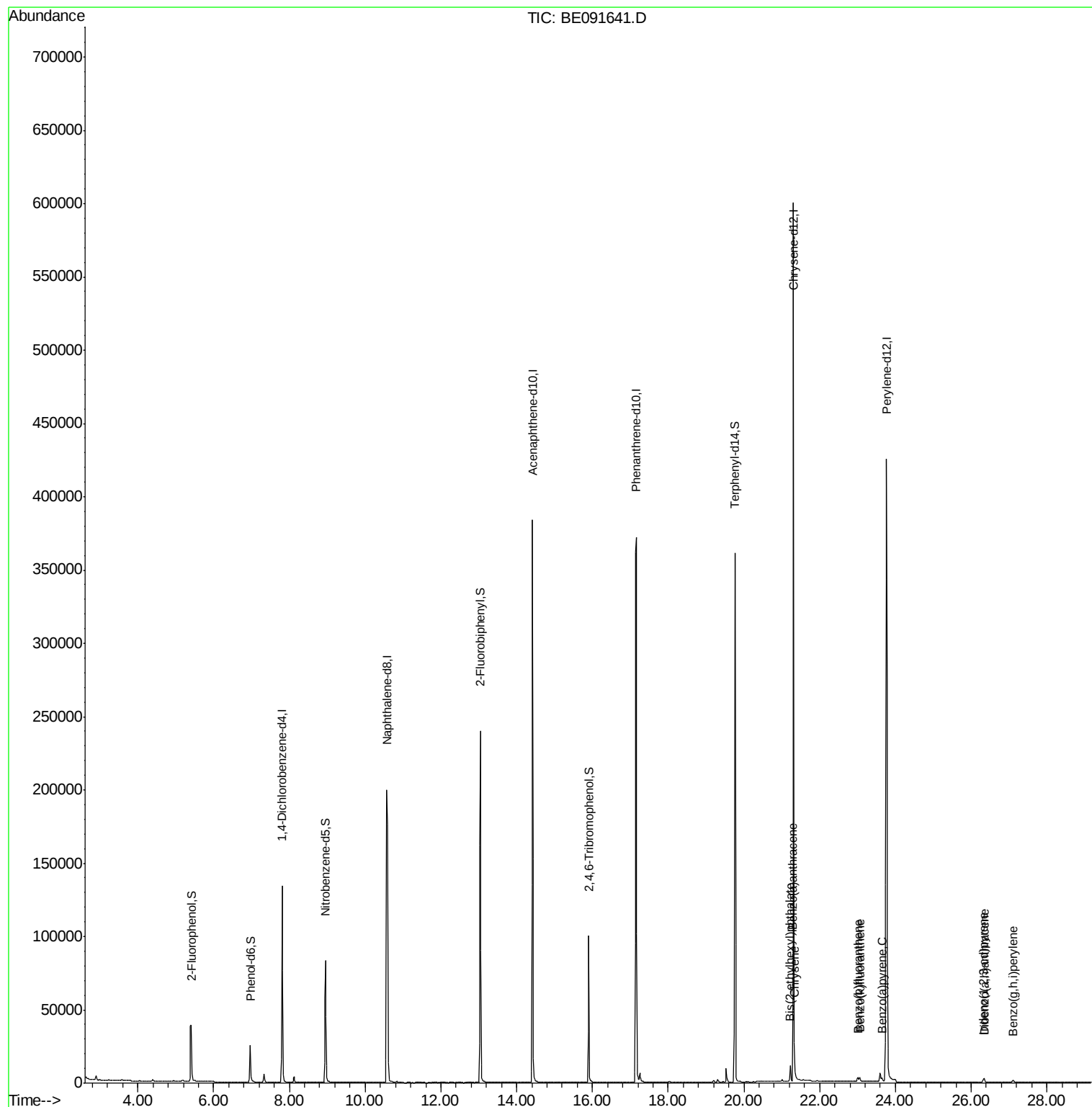
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
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ALS Vial : 28 Sample Multiplier: 1

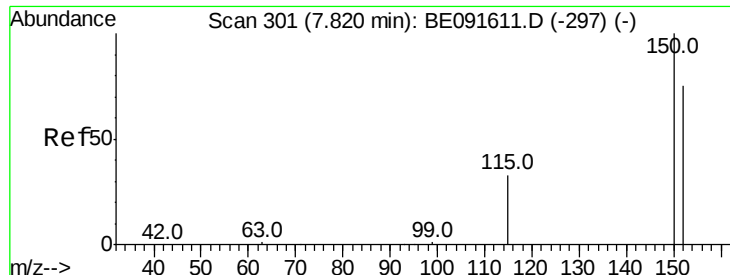
Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Instrument :

BNA_E

ClientSampleId :

KY038PS038-160330

Tot Ion:152 Resp: 74331

Ion Ratio Lower Upper

152 100

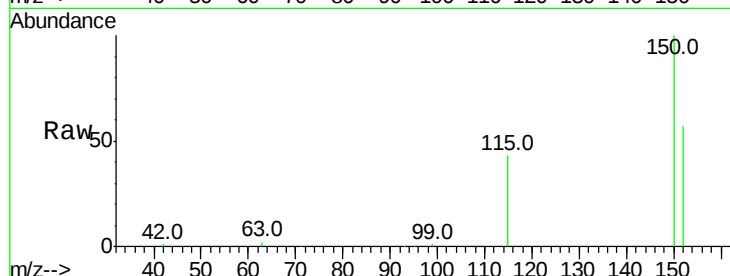
150 174.0 122.6 183.8

115 74.7 52.8 79.2

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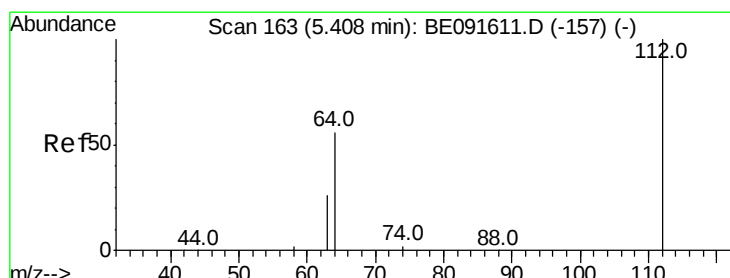
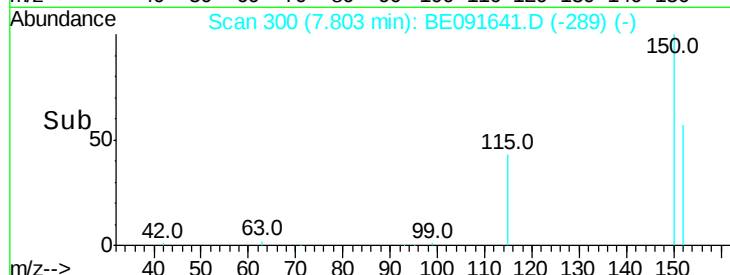
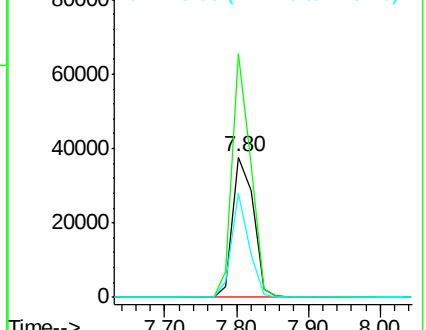
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 2.34 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

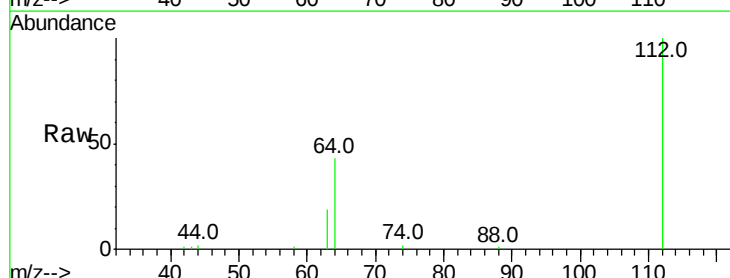
Tgt Ion:112 Resp: 41560

Ion Ratio Lower Upper

112 100

64 68.0 30.9 46.3#

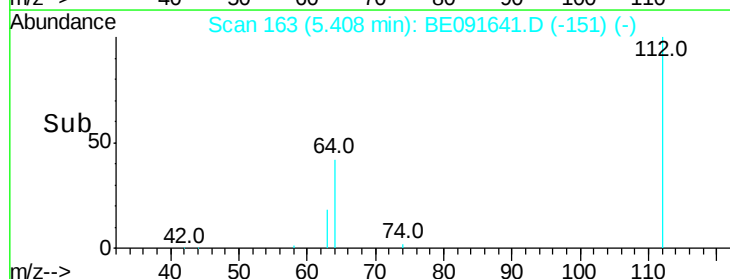
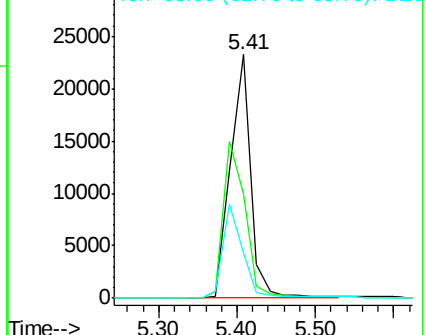
63 36.7 16.7 25.1#

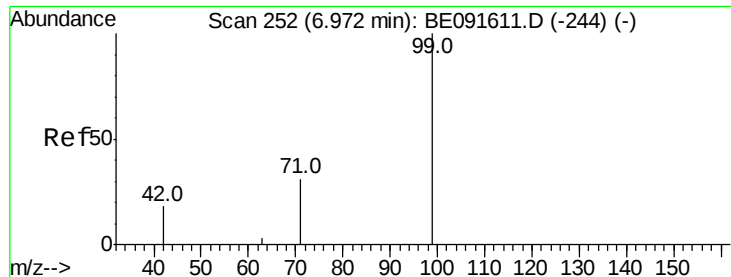


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.55 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Instrument :

BNA_E

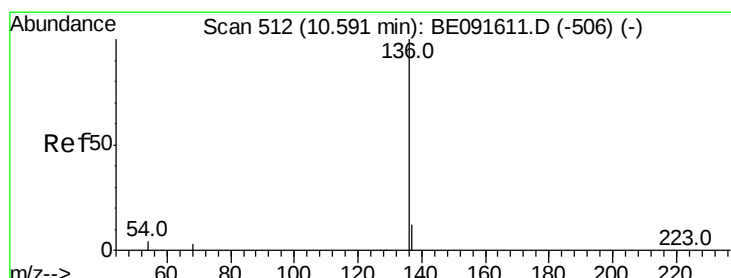
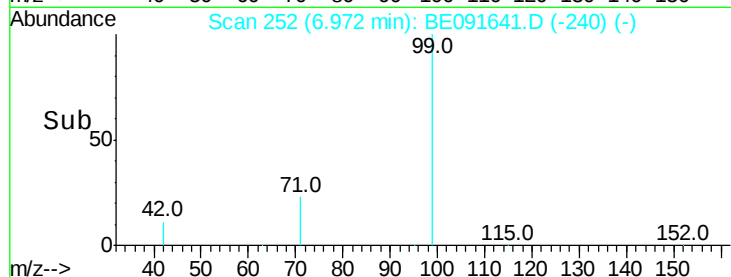
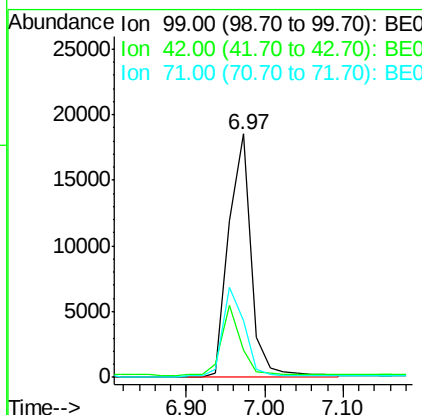
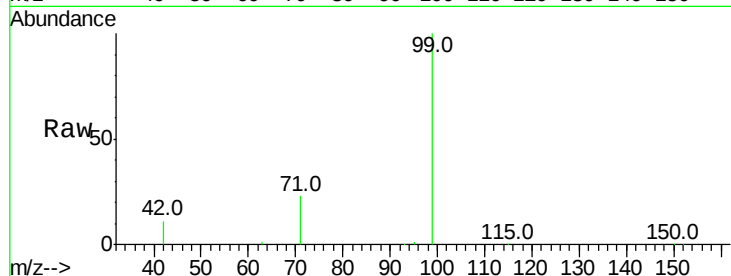
ClientSampleId :

KY038PS038-160330

Tot Ion:	99	Resp:	36592
Ion Ratio	Lower	Upper	
99	100		
42	24.9	16.2	24.2#
71	36.1	29.0	43.4

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#7

Naphthalene-d8

Concen: 5.00 ng

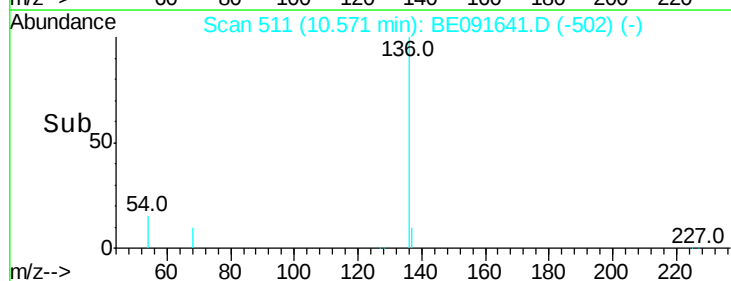
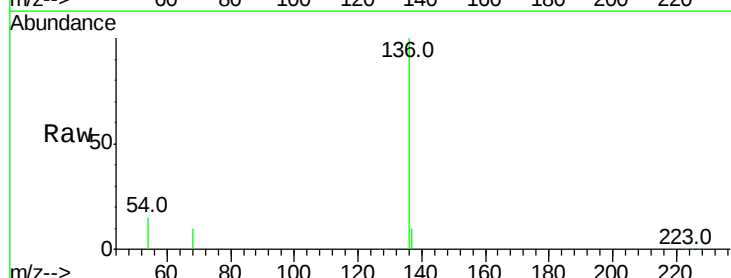
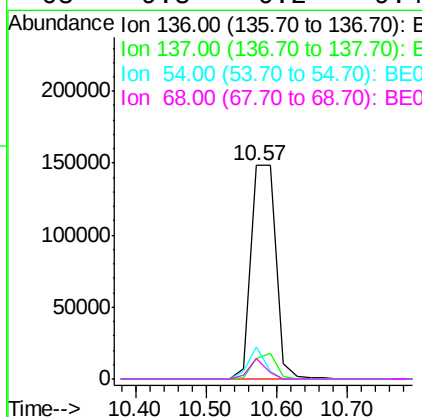
RT: 10.57 min Scan# 511

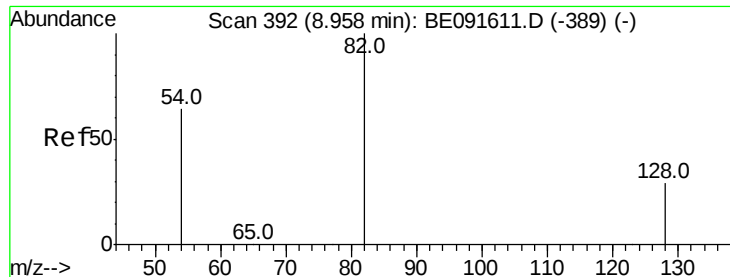
Delta R.T. -0.02 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Tgt Ion:	136	Resp:	366559
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.9	13.3
54	15.2	8.2	12.4#
68	9.8	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 3.63 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Instrument :

BNA_E

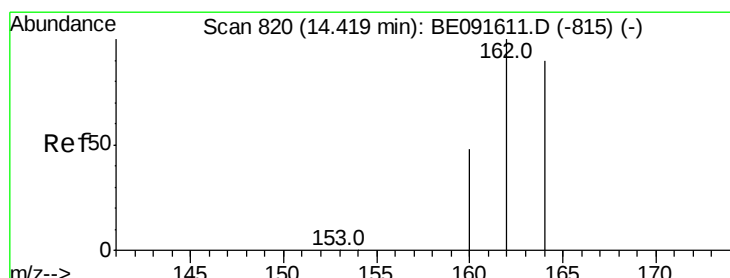
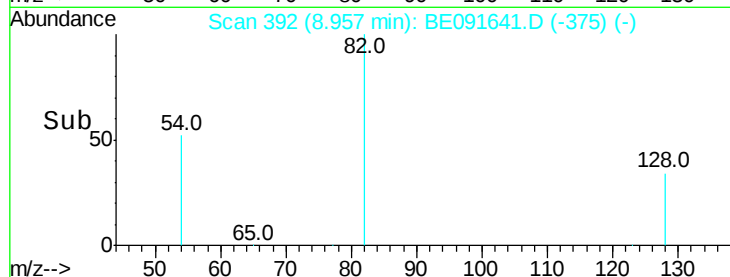
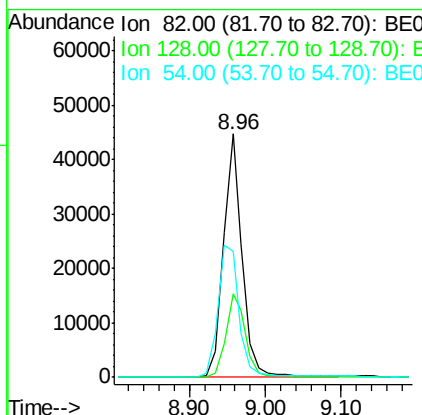
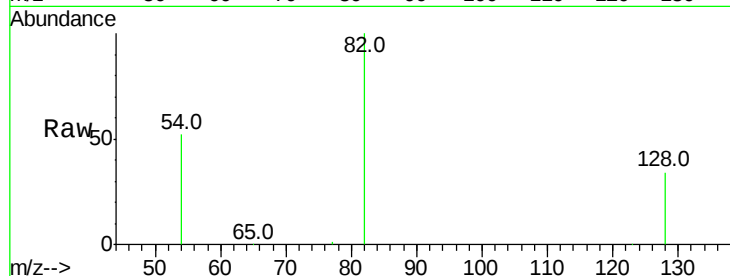
ClientSampleId :

KY038PS038-160330

Tot Ion:	82	Resp:	77334
Ion Ratio	Lower	Upper	
82	100		
128	34.2	25.4	38.0
54	51.9	48.4	72.6

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#13

Acenaphthene-d10

Concen: 5.00 ng

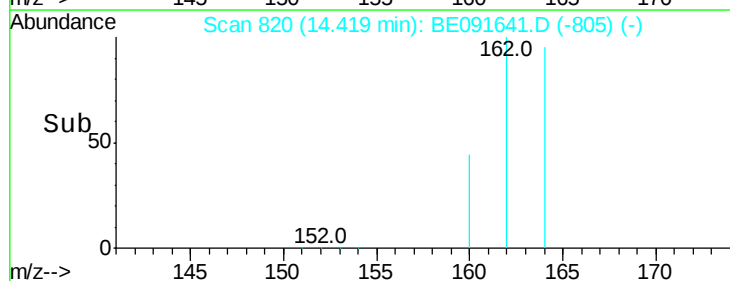
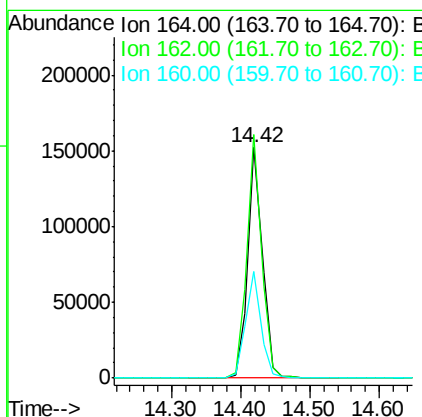
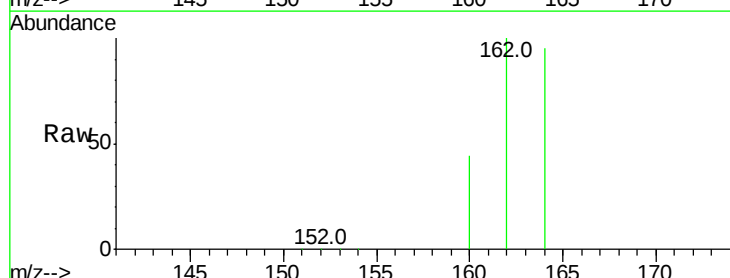
RT: 14.42 min Scan# 820

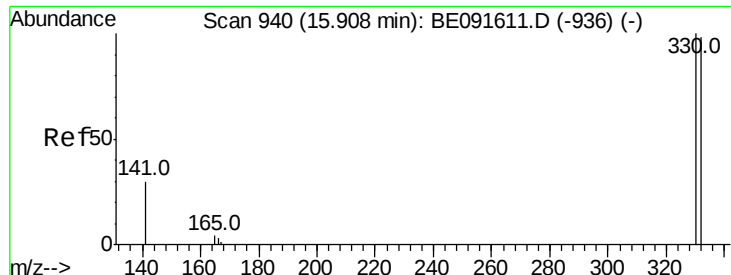
Delta R.T. 0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Tgt Ion:	164	Resp:	223912
Ion Ratio	Lower	Upper	
164	100		
162	105.7	85.3	127.9
160	46.4	46.2	69.2





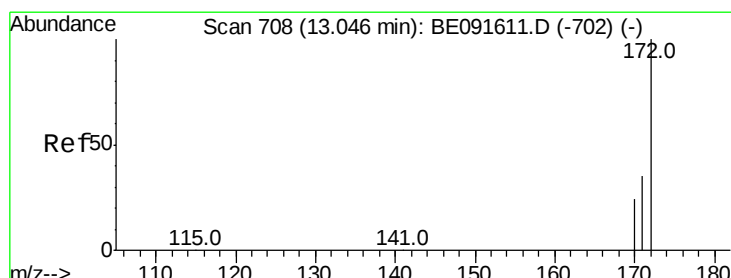
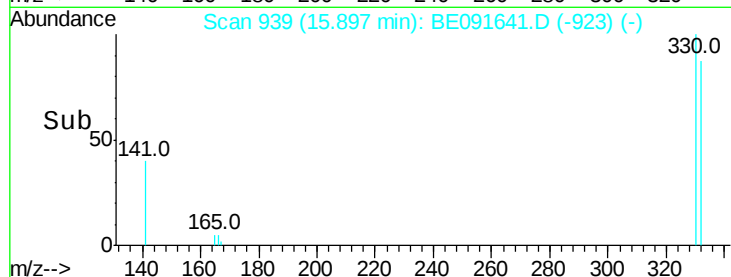
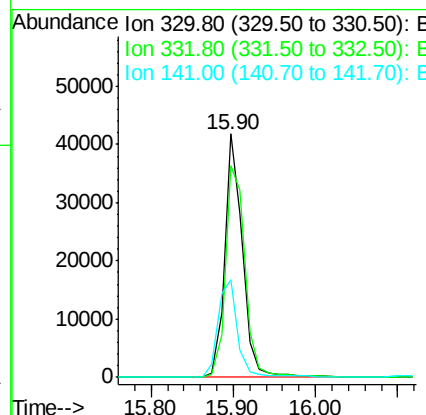
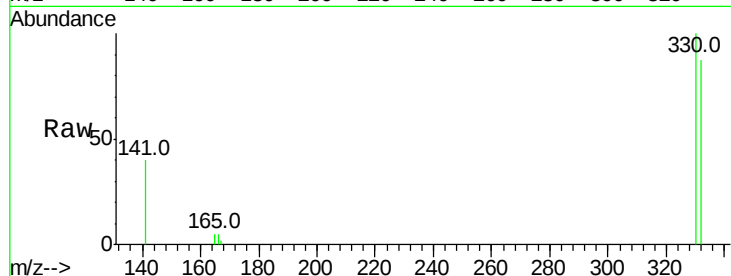
#14
 2,4,6-Tribromophenol
 Concen: 8.68 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091641.D
 Acq: 11 Apr 2016 23:01

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.1	118.7
141	43.4	125.4	188.0#

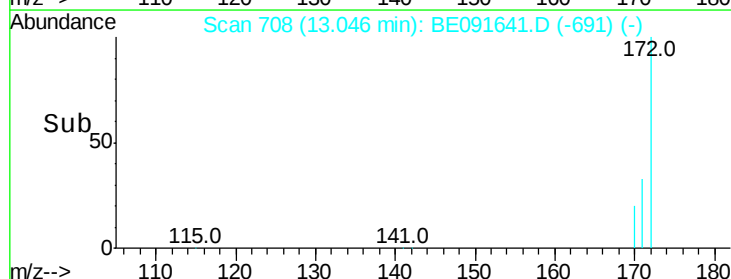
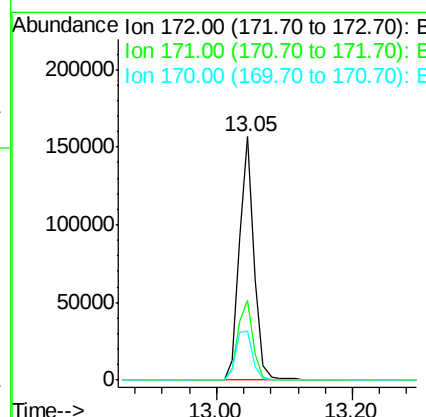
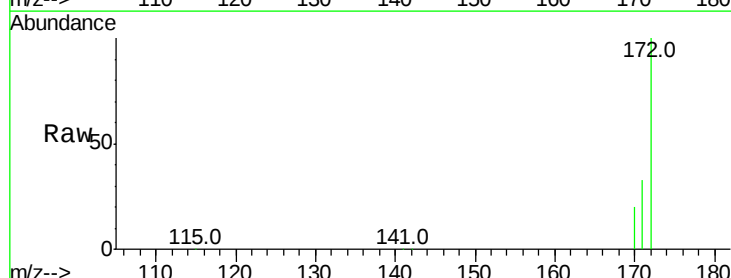
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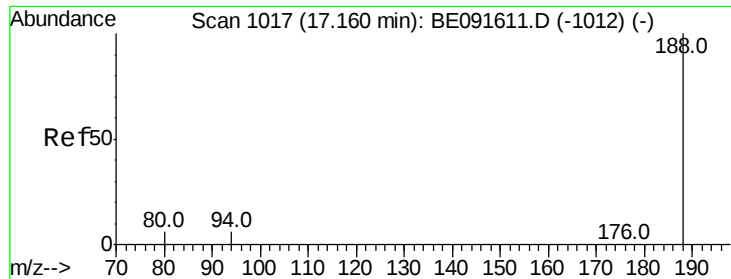
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#15
 2-Fluorobiphenyl
 Concen: 3.83 ng
 RT: 13.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BE091641.D
 Acq: 11 Apr 2016 23:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.6	28.8	43.2
170	20.1	19.3	28.9





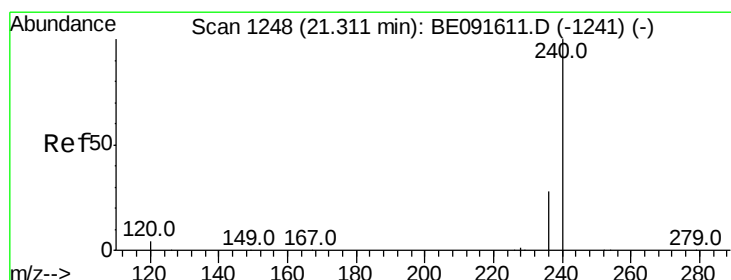
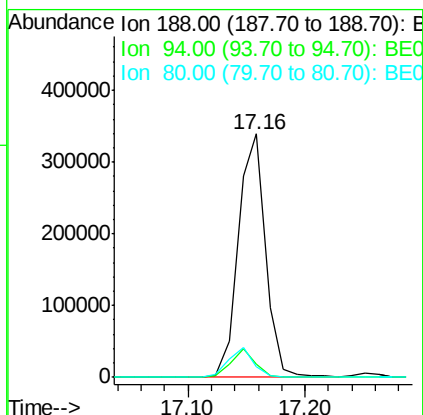
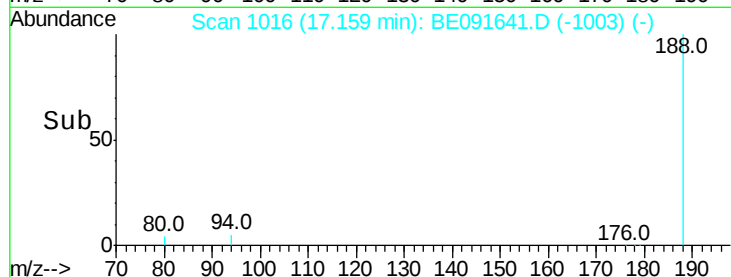
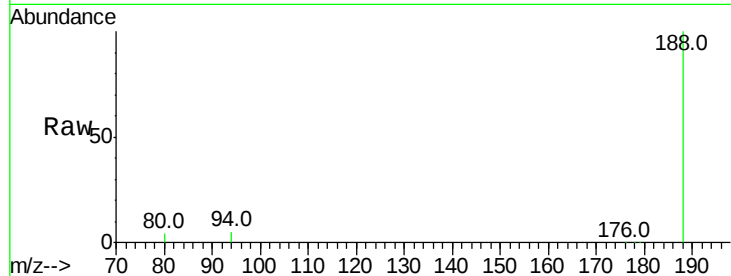
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.2	8.7	13.1#
80	4.4	9.4	14.0#

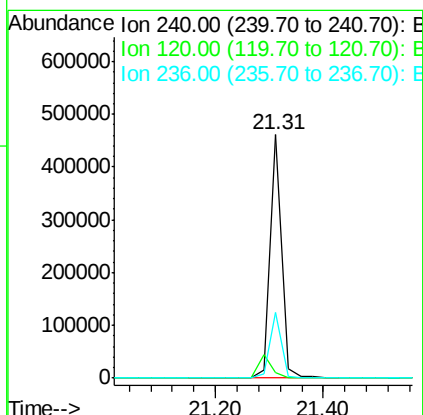
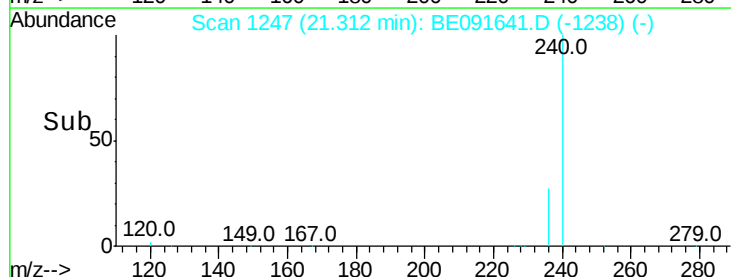
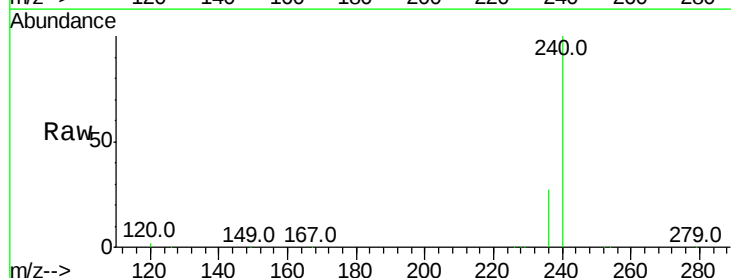
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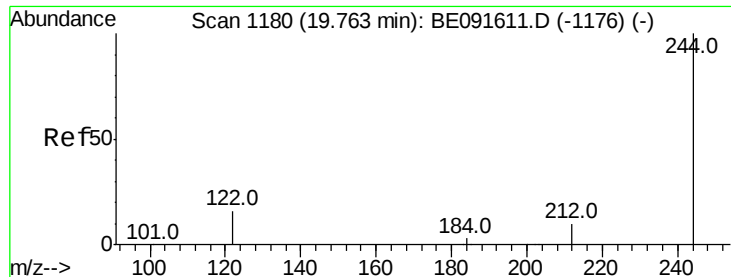
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	2.3	11.0	16.4#
236	27.1	21.7	32.5





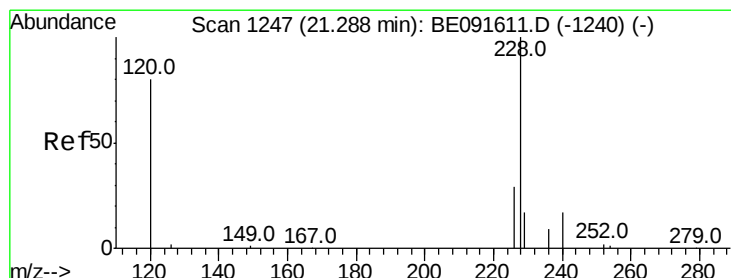
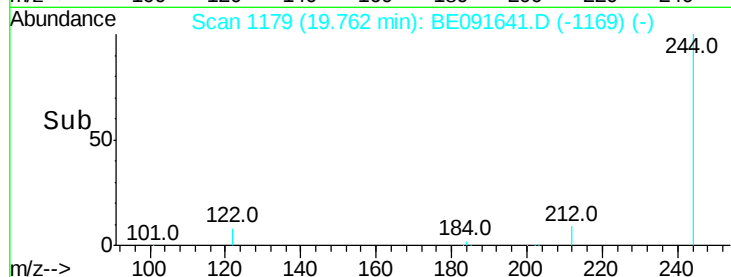
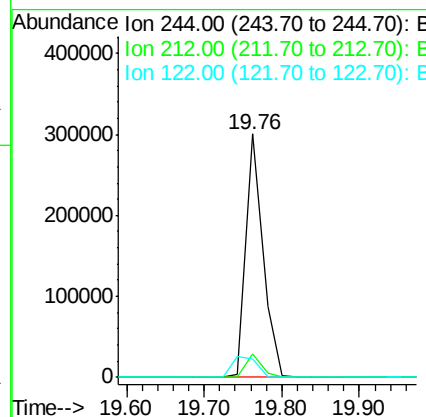
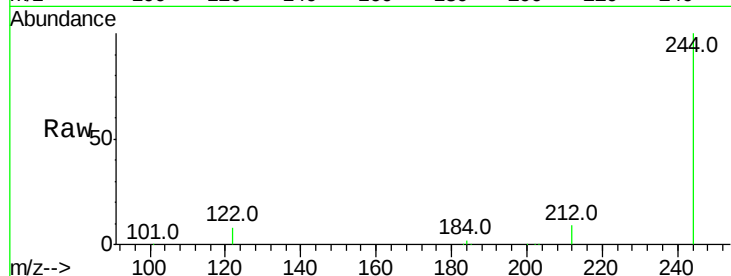
#29
 Terphenyl-d14
 Concen: 5.27 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BE091641.D
 Acq: 11 Apr 2016 23:01

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	9.4	6.9	10.3
122	7.7	11.0	16.4#

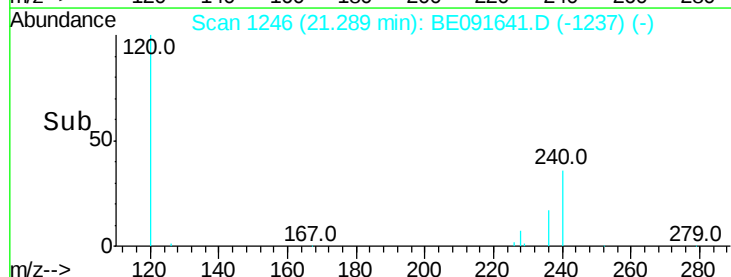
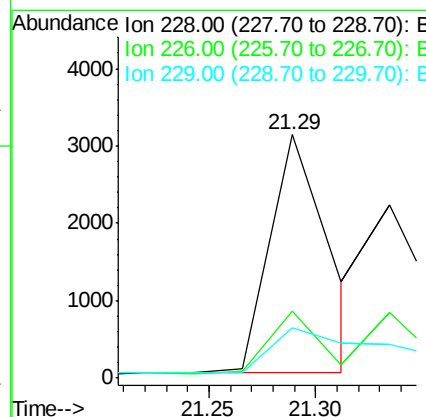
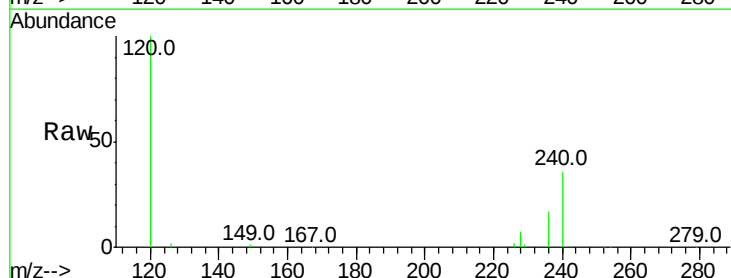
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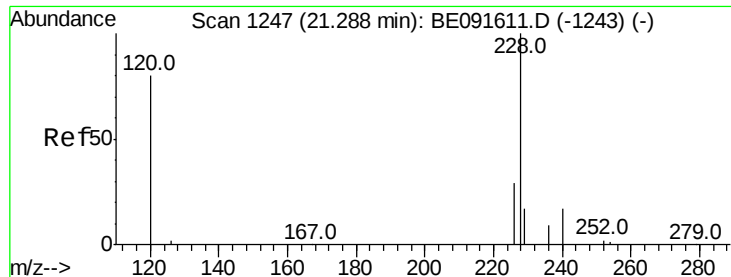
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#30
 Benzo(a)anthracene
 Concen: 0.04 ng m
 RT: 21.29 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BE091641.D
 Acq: 11 Apr 2016 23:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	21.0	31.4
229	20.6	15.7	23.5





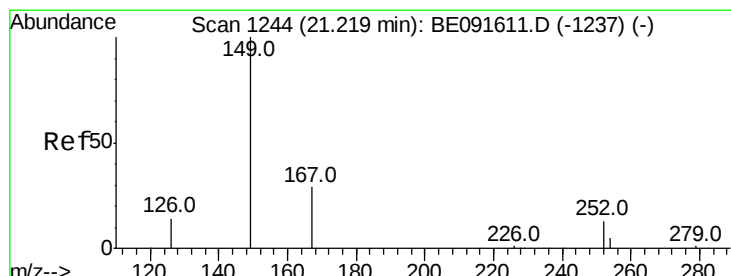
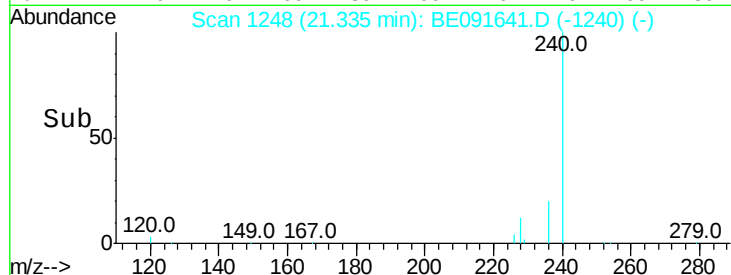
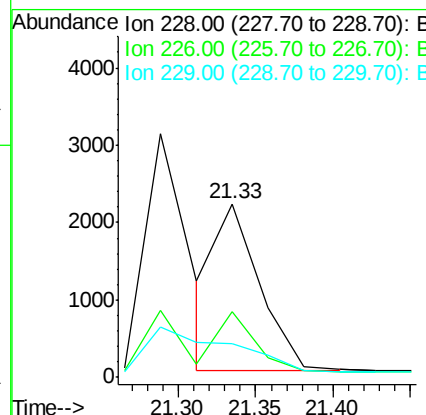
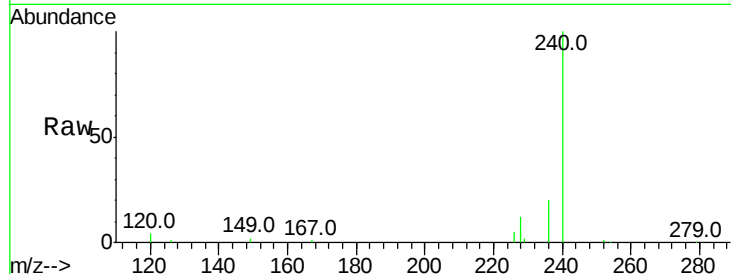
#32
Chrysene
Concen: 0.03 ng/ml
RT: 21.33 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.3	24.0	36.0#
229	19.2	15.9	23.9

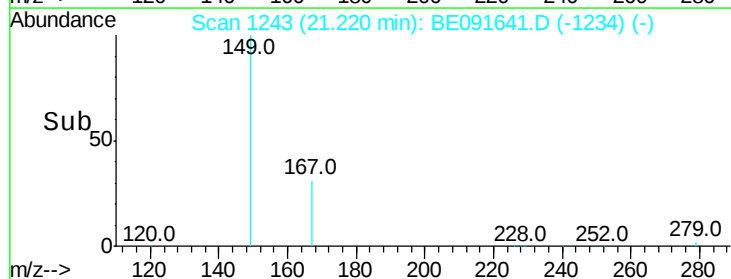
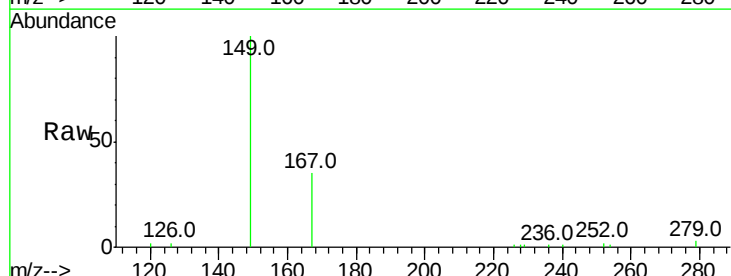
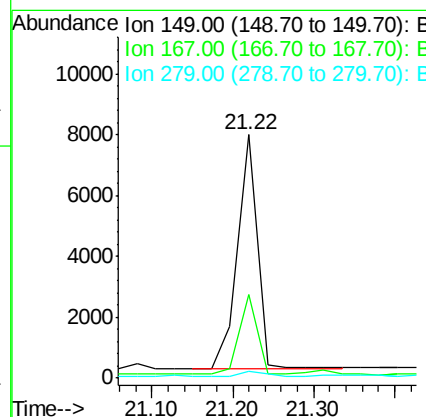
Manual Integrations
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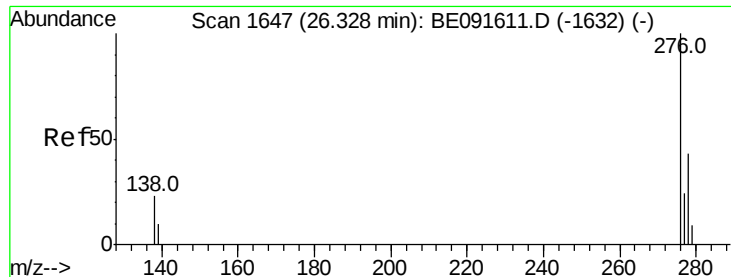
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#33
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng/ml
RT: 21.22 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	19.5	29.3#
279	2.6	10.0	15.0#





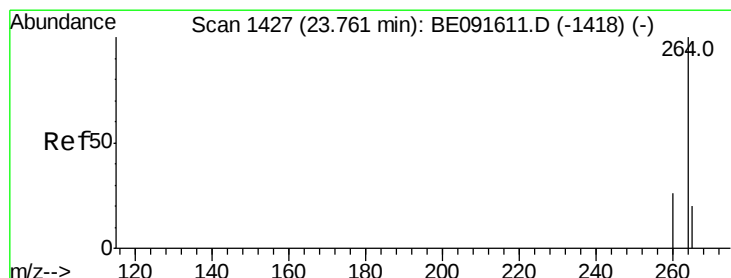
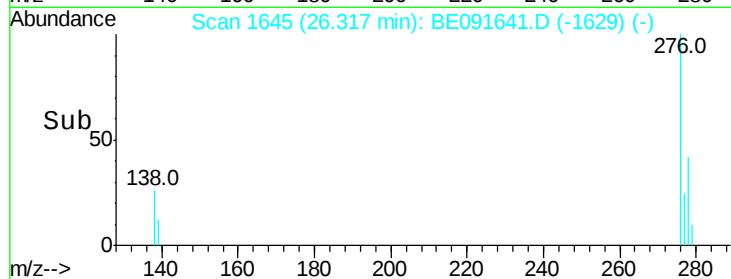
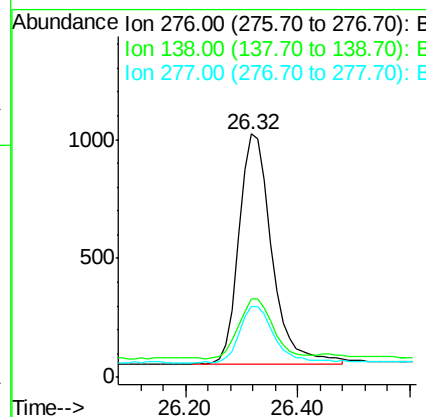
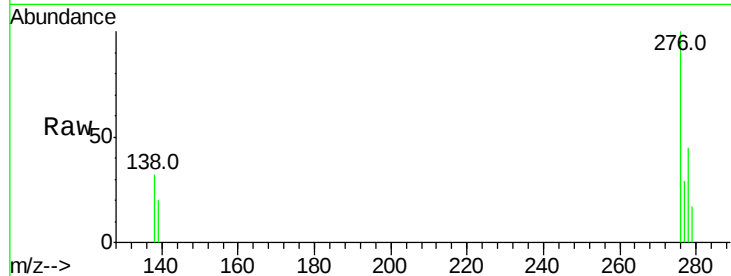
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.32 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.4	35.2
277	25.2	19.8	29.8

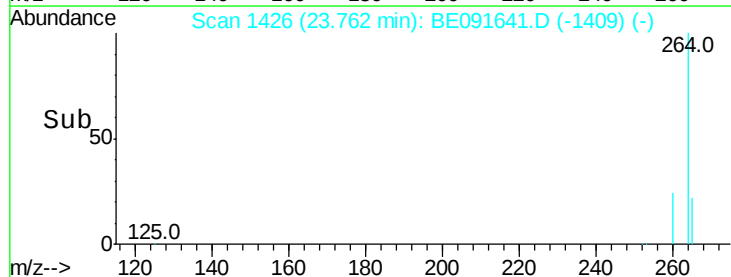
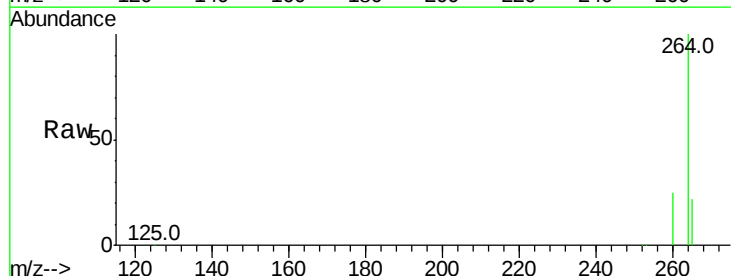
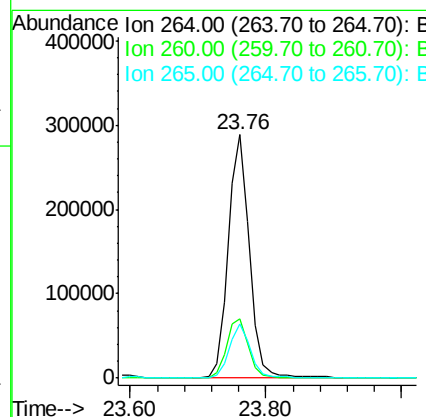
Manual Integrations
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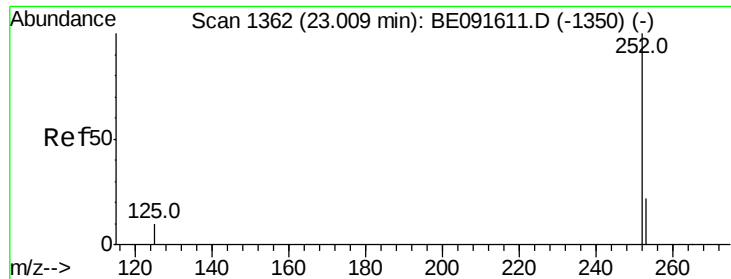
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#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	22.2	17.5	26.3





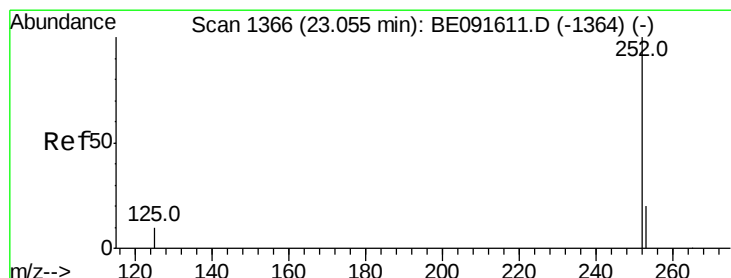
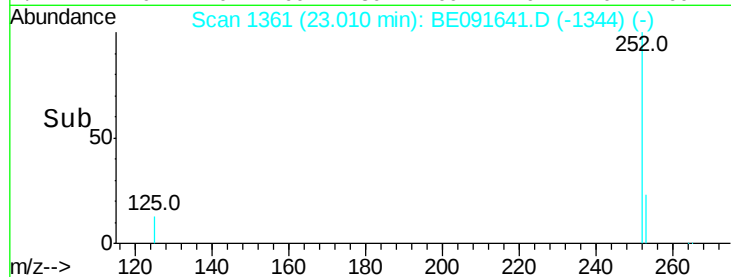
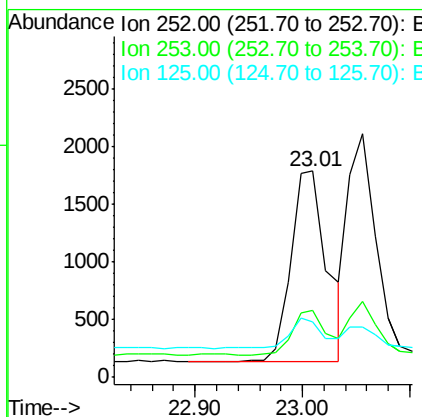
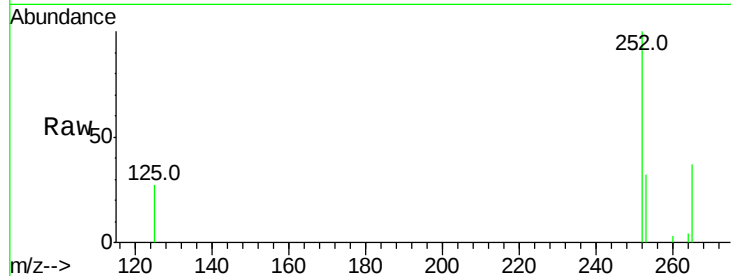
#36
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.01 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Instrument :
BNA_E
ClientSampleId :
KY038PS038-160330

Tot Ion:252 Resp: 3874
Ion Ratio Lower Upper
252 100
253 32.4 17.4 26.0#
125 26.8 10.2 15.2#

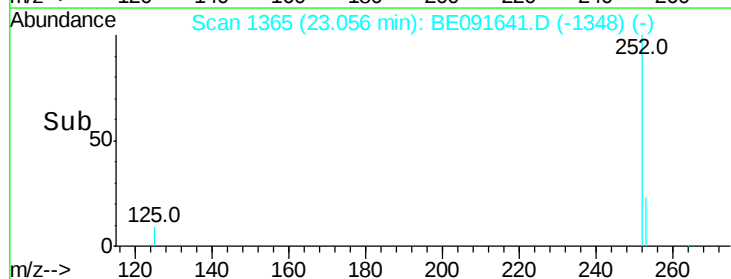
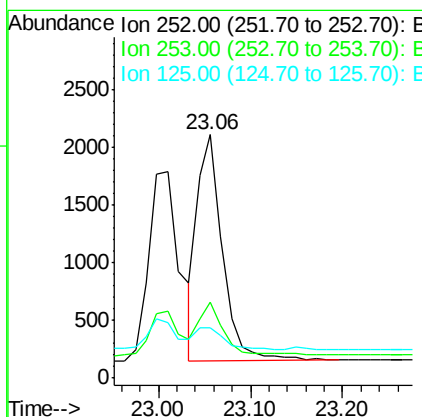
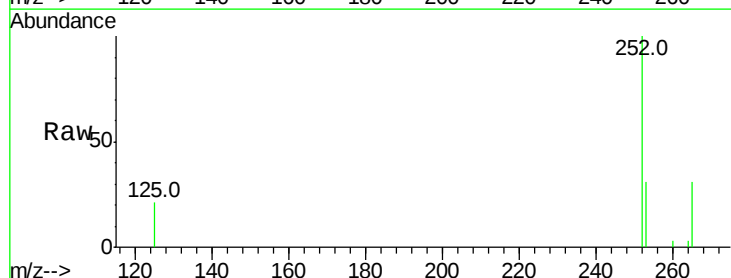
Manual Integrations
APPROVED

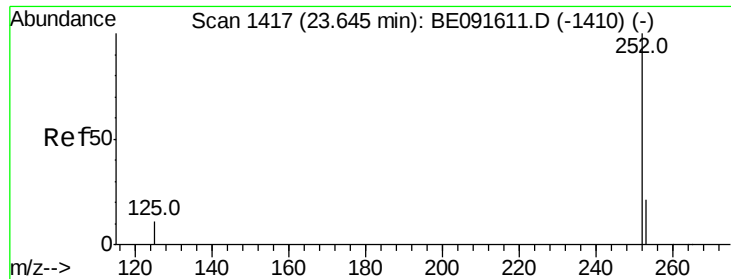
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#37
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.06 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091641.D
Acq: 11 Apr 2016 23:01

Tgt Ion:252 Resp: 3708
Ion Ratio Lower Upper
252 100
253 31.0 17.6 26.4#
125 20.7 9.9 14.9#





#38

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.65 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Instrument :

BNA_E

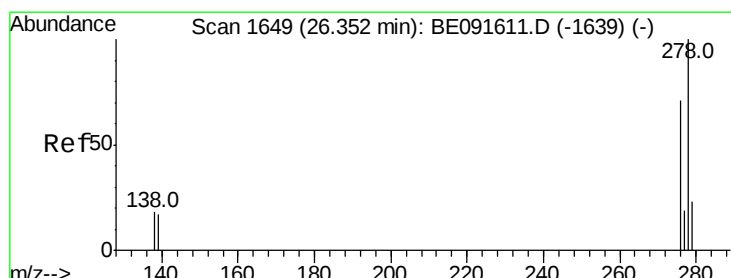
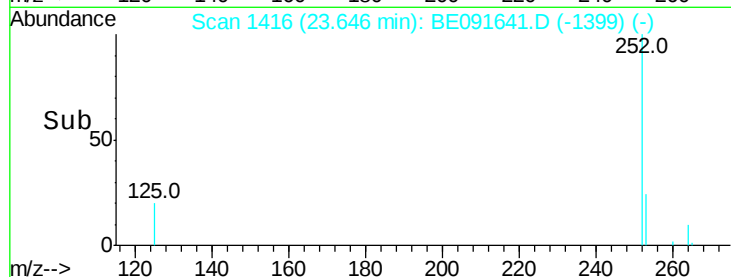
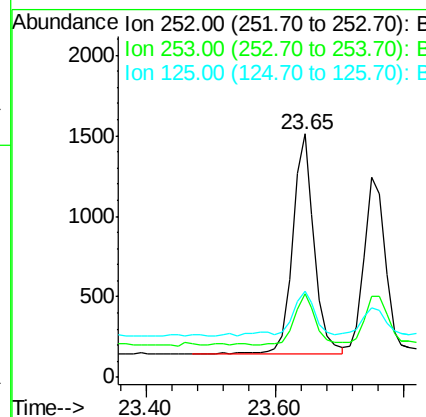
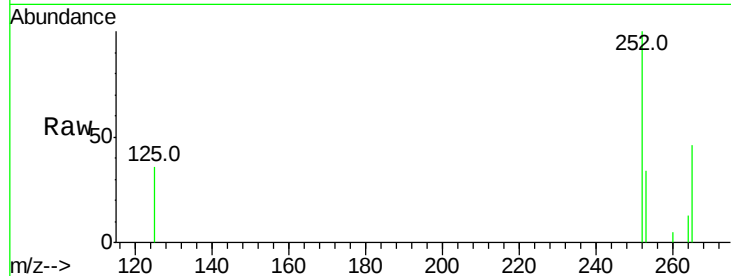
ClientSampleId :

KY038PS038-160330

Tot Ion:	252	Resp:	3162
Ion Ratio	Lower	Upper	
252	100		
253	34.3	18.1	27.1#
125	35.6	11.0	16.4#

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#39

Dibenzo(a,h)anthracene

Concen: 0.03 ng

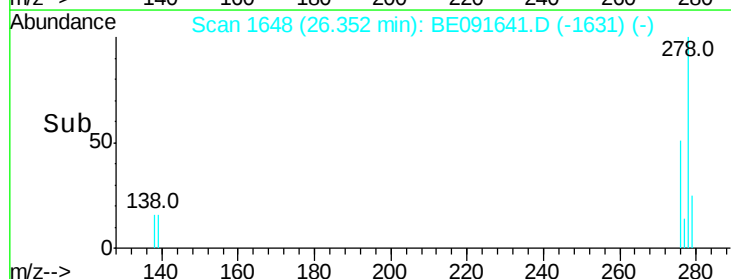
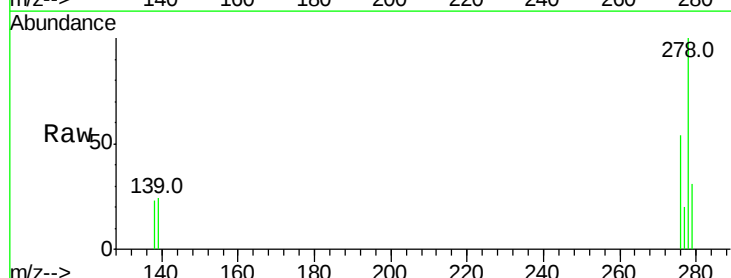
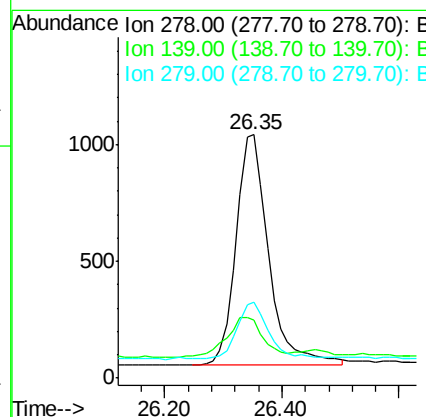
RT: 26.35 min Scan# 1648

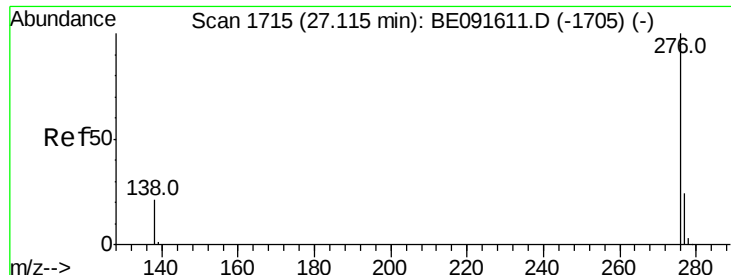
Delta R.T. 0.00 min

Lab File: BE091641.D

Acq: 11 Apr 2016 23:01

Tgt Ion:	278	Resp:	3777
Ion Ratio	Lower	Upper	
278	100		
139	23.6	16.0	24.0
279	31.3	19.4	29.2#





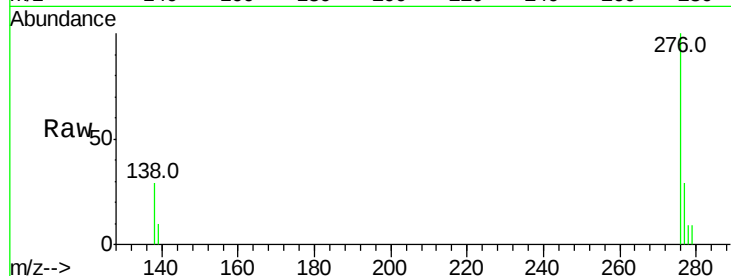
#40
 Benzo(a,h,i)perylene
 Concen: 0.03 ng
 RT: 27.10 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BE091641.D
 Acq: 11 Apr 2016 23:01

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-160330

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	18.6	28.0#
138	28.8	20.4	30.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

